



Station Pier Air Quality Monitoring Program



**Air Quality Monitoring Report – February
2024**

Ports Victoria

25 March 2024

→ **The Power of Commitment**



Project name		Station Pier Air Quality Monitoring Program					
Document title		Station Pier Air Quality Monitoring Program Air Quality Monitoring Report – February 2024					
Project number		12617587					
File name		12617587-REP_Feb2024_StationPier_AQM_MonthlyReport.docx					
Status Code	Revision	Author	Reviewer		Approved for issue		
			Name	Signature	Name	Signature	Date
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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 February 2024 to 29 February 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.

At any given time in February, at least one vessel was present at the port. This means the average concentrations for all pollutants were observed when at least one vessel was in port. Comparison against the EPA AQMS observations showed positive correlation (0.82 to 0.93) for 24-hour average PM₁₀ concentrations. Some positive correlation (0.6) for 1-hour average NO₂ concentrations. Minimal correlation was observed for PM_{2.5} and SO₂ concentrations.

PM₁₀ observations during the month of February 2024 were lower than the adopted short term criteria (1-hour and 24-hour). However, on 28 February 2024, the maximum 24-hour average PM₁₀ concentration recorded was 49.9 µg/m³, at the level of the criterion of 50 µg/m³. During the days when elevated PM₁₀ concentrations were measured at Station Pier, namely 22, 24, 27 and 28 February, elevated PM₁₀ concentrations were also observed at the EPA stations.

Observations of PM_{2.5}, NO₂ and SO₂ during the month of February 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 29 February 2024. The validated monitoring data (presented in Attachment 1) was provided by ACOEM.

1.1 Scope of work

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

Table 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	<ul style="list-style-type: none"> - 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	Entire monitoring period figures	Figures from entire monitoring period.	Attachment 1
9	NATA accredited data	Validated data provided by ACOEM	Attachment 2

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.

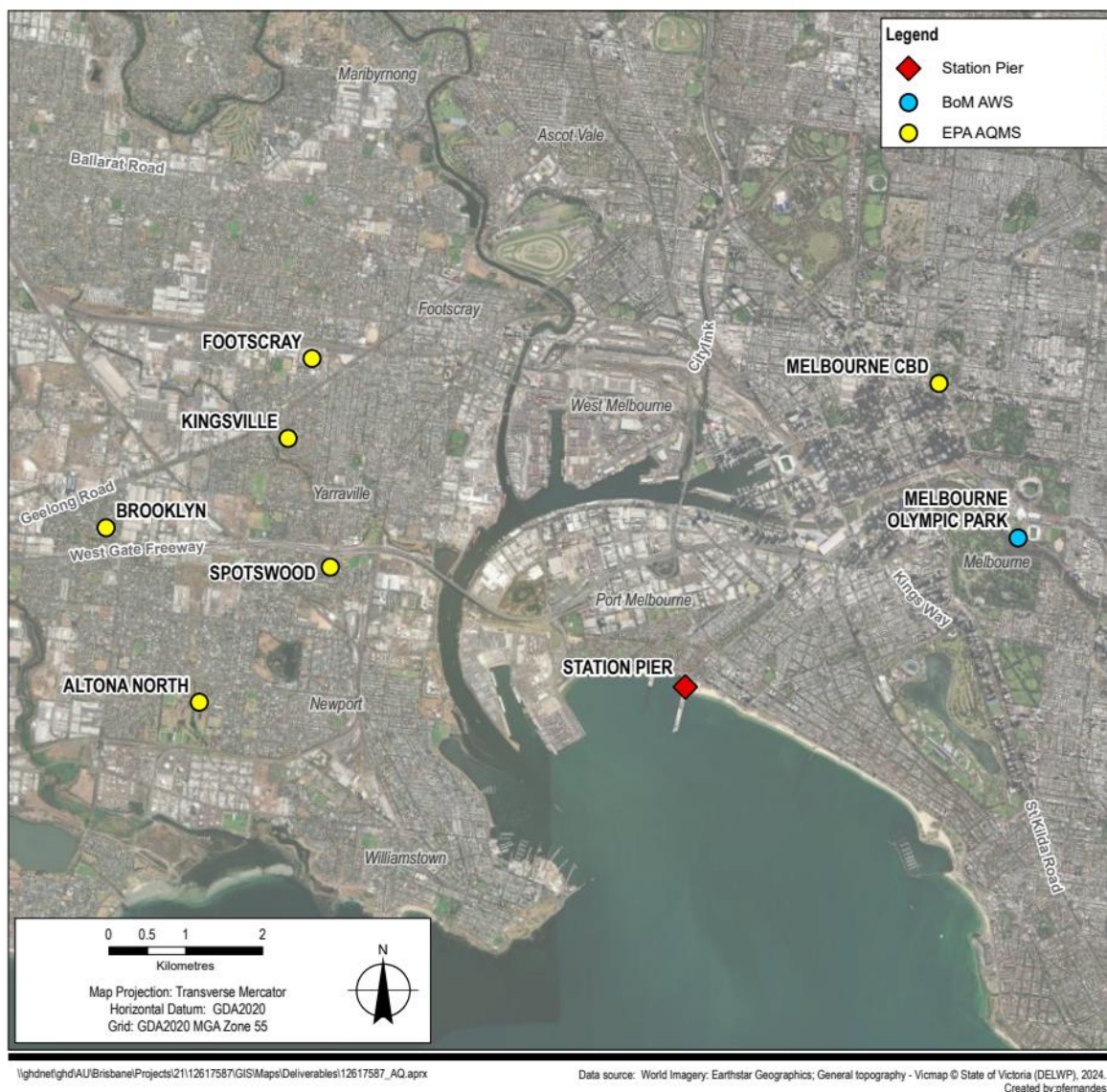


Figure 2.1 Air quality monitoring program location

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

Table 2 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 3 summarises the equipment included in the AQMS and the pollutants measured. A photograph of the AQMS is provided in Figure 4.1.

Table 3 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 February 2024 to 29 February 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 4.

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 4 summarises the availability and quality of the data measured by the AQMS between 1 February 2024 and 29 February 2024.

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

The temperature and relative humidity sensors were not available during February 2024. Observations from the Bureau of Meteorology (BoM) automatic weather station (AWS) at Melbourne Olympic Park (BoM station ID 86338) have been presented.

Table 4 AQMS data availability and quality

Parameters	Units	Data availability (%) between 1 and 29 February 2024	Reason for missing data
PM ₁₀	µg/m ³	73%	<ul style="list-style-type: none"> – Instrument fault – Instrument stalled (01 February 23:00 – 07 February 06:00) – Scheduled monthly maintenance tasks performed (7 February 07:00 to 14:00) – Station power interruption and instrument stabilisation (13 February 10:00 – 15 February 11:00) – Non-scheduled maintenance – station power restored and instrument stabilisation (15 February 11:05 to 11:05)
PM _{2.5}	µg/m ³	92%	<ul style="list-style-type: none"> – Scheduled monthly maintenance tasks performed (7 February 07:00 to 14:00) – Station power interruption and instrument stabilisation (13 February 10:00 – 15 February 11:00) – Non-scheduled maintenance – station power restored and instrument stabilisation (15 February 11:05 to 11:05)
NO ₂	ppb	89%	<ul style="list-style-type: none"> – Automatic calibration checks occurring daily overnight from 1:00 to 1:55. Data affected intermittently. – Intermittent unrealistic negative values (1 February 07:40 – 26 February 15:20) – Data transmission error (4 February 18:50 to 18:55) – Scheduled monthly maintenance tasks performed (7 February 07:00 to 14:00) – Station power interruption and instrument stabilisation (13 February 10:00 – 15 February 11:00) – Non-scheduled maintenance – station power restored and instrument stabilisation (15 February 11:05 to 11:05)
SO ₂	ppb	88%	<ul style="list-style-type: none"> – Automatic calibration checks occurring daily overnight from 1:00 to 1:55. Data affected intermittently. – Internal interference checks occurring daily overnight between approximately 23:45 and 23:50 followed by intermittent instrument stabilisations. – Static offsets between -0.5 ppb and +0.5 ppb applied intermittently as required to correct baseline (4 February 23:55 – 28 February 23:40) – Scheduled monthly maintenance tasks performed (7 February 07:00 to 14:00) – Station power interruption and instrument stabilisation (13 February 10:00 – 15 February 11:00) – Non-scheduled maintenance – station power restored and instrument stabilisation (15 February 11:05 to 11:05)

Parameters	Units	Data availability (%) between 1 and 29 February 2024	Reason for missing data
Wind speed	m/s	93%	<ul style="list-style-type: none"> – Scheduled monthly maintenance tasks performed (7 February 07:00 to 14:00) – Station power interruption and instrument stabilisation (13 February 10:00 – 15 February 11:00) – Non-scheduled maintenance – station power restored and instrument stabilisation (15 February 11:05 to 11:05)
Wind direction	°	93%	<ul style="list-style-type: none"> – Scheduled monthly maintenance tasks performed (7 February 07:00 to 14:00) – Station power interruption and instrument stabilisation (13 February 10:00 – 15 February 11:00) – Non-scheduled maintenance – station power restored and instrument stabilisation (15 February 11:05 to 11:05)
Ambient temperature	°C	0%	– Sensor unavailable ¹
Relative humidity	%	0%	– Sensor unavailable ¹
Sigma	°	93%	<ul style="list-style-type: none"> – Scheduled monthly maintenance tasks performed (7 February 07:00 to 14:00) – Station power interruption and instrument stabilisation (13 February 10:00 – 15 February 11:00) – Non-scheduled maintenance – station power restored and instrument stabilisation (15 February 11:05 to 11:05)

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 period².

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-southwest comprising 26% of all incident winds, followed by winds from the south (16%).
- The average wind speed is at 3.4 m/s.
- Winds from northeast and northwest quadrants occur less than 9% of the time for each direction.

² Note that the met mast was initially set at 2 m above ground between 4 December 2023 and 9 January 2024. The met mast was then raised to 10 m on 9 January 2024.

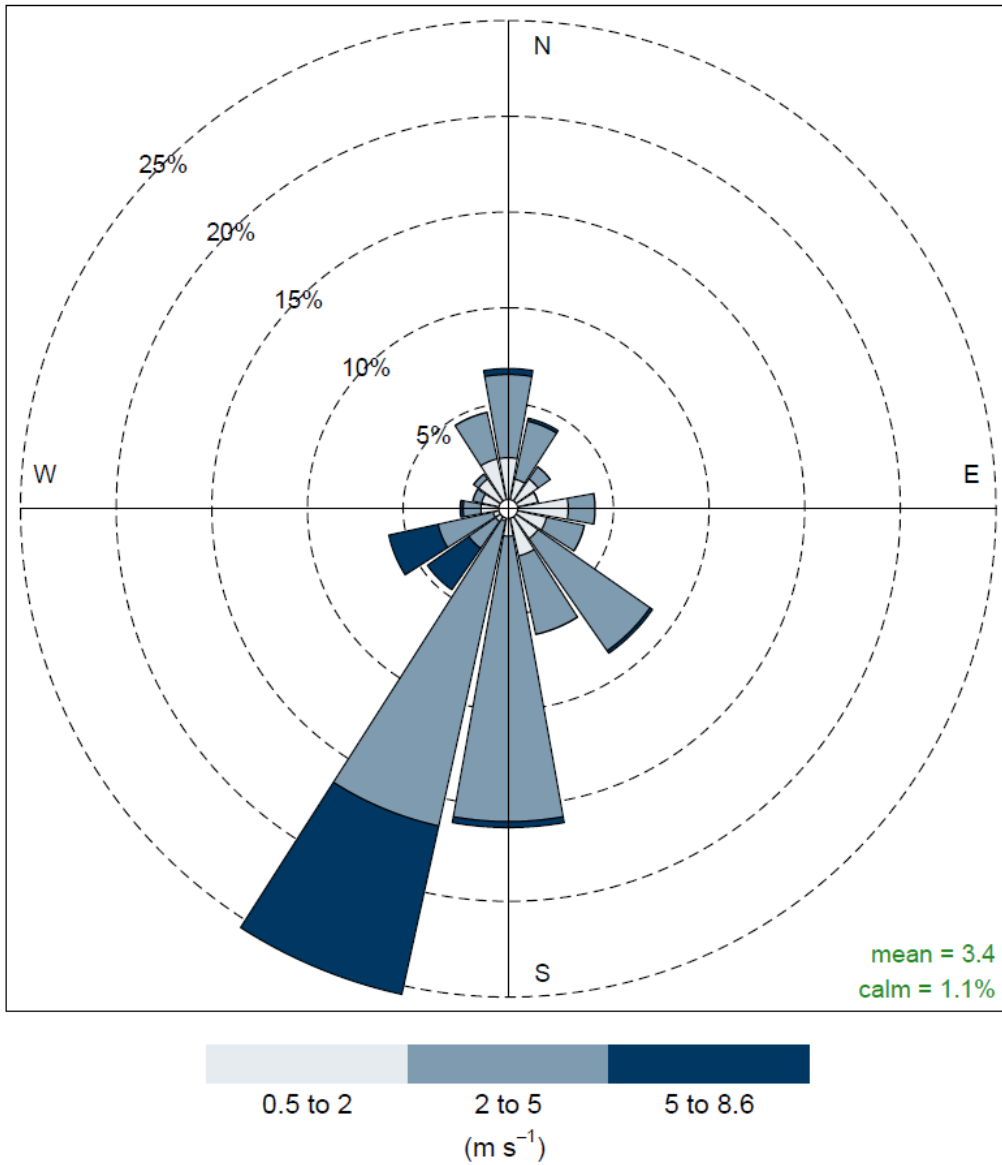


Figure 6.1 February 2024 wind rose at Station Pier

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 sensors were 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.

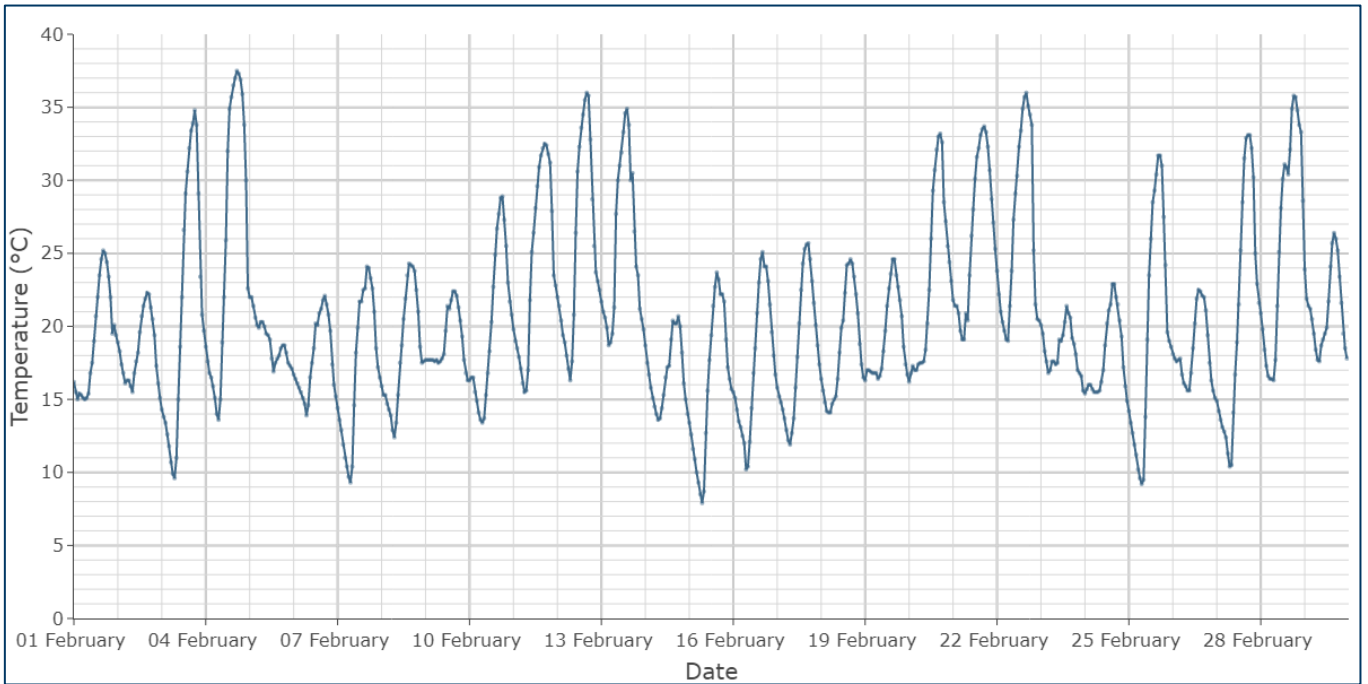


Figure 6.2 February 2024 temperature observations (BoM Melbourne Olympic Park)

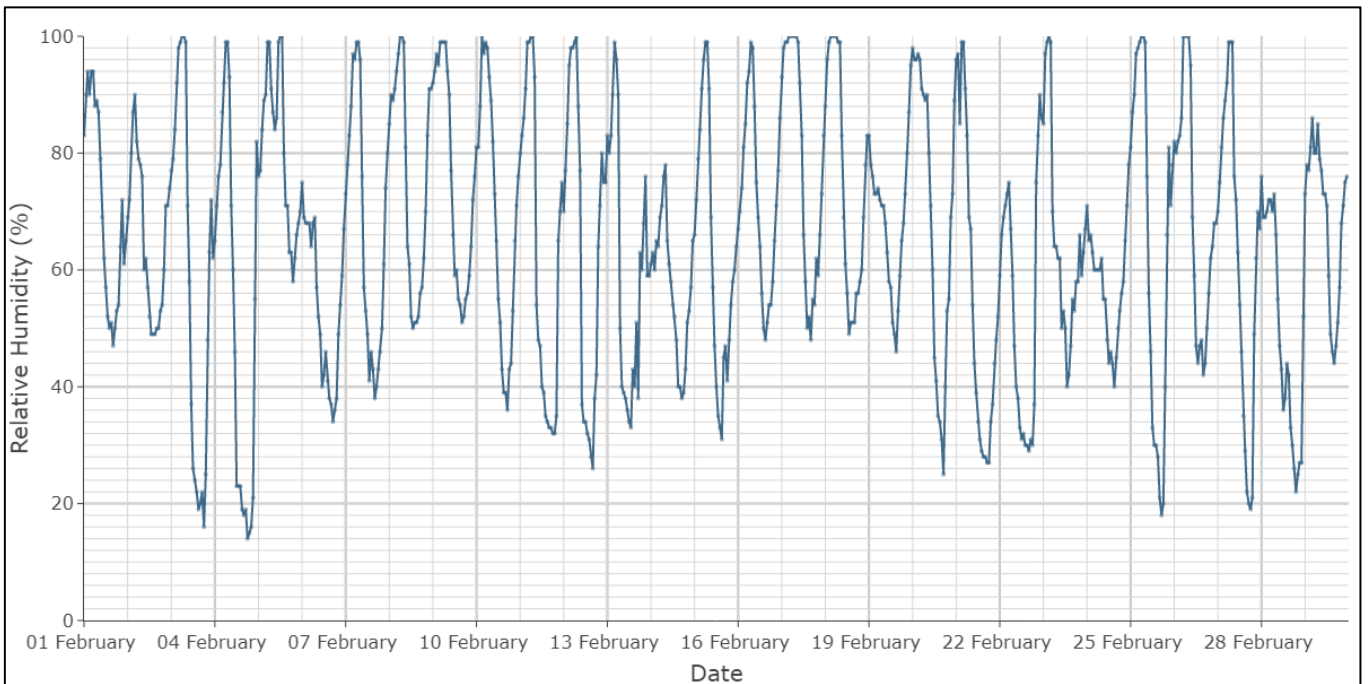


Figure 6.3 February 2024 relative humidity observations (BoM Melbourne Olympic Park)

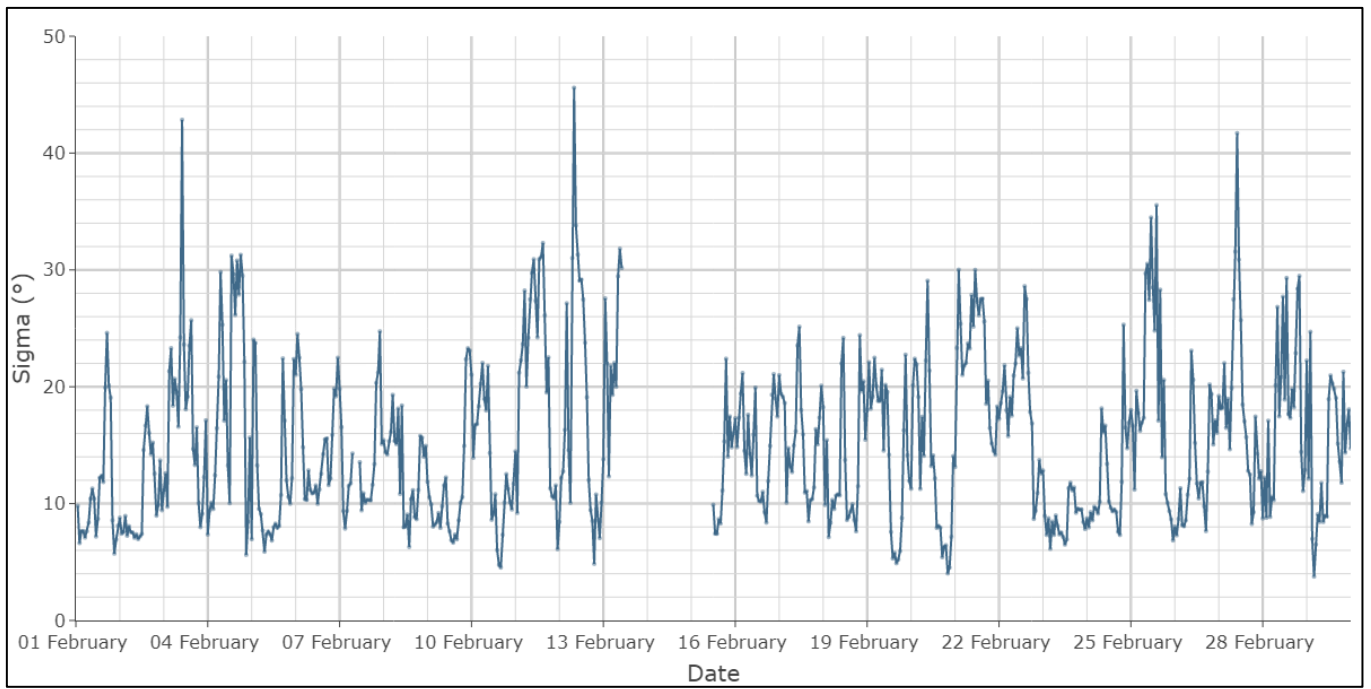


Figure 6.4 February 2024 sigma observations at Station Pier

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. It should be noted that at any given time in February, at least one vessel was present at the port.

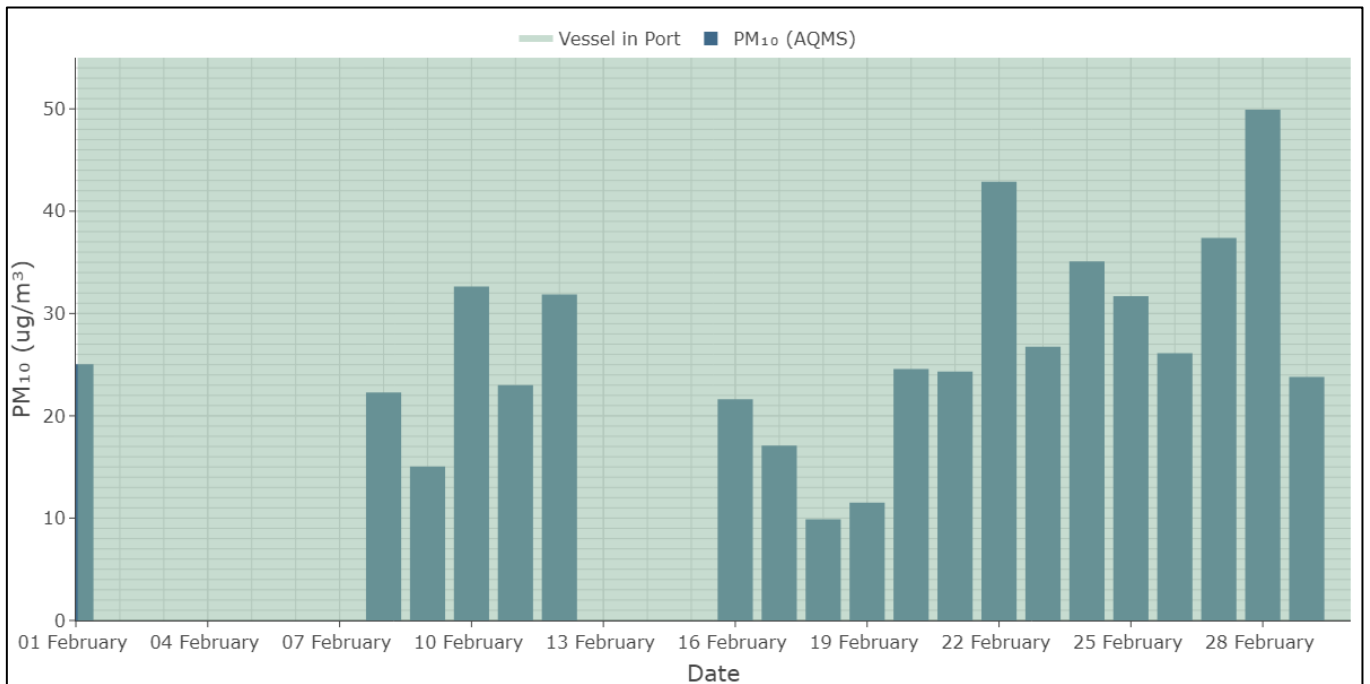


Figure 6.5 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier (February 2024) (criteria: 50 µg/m³)

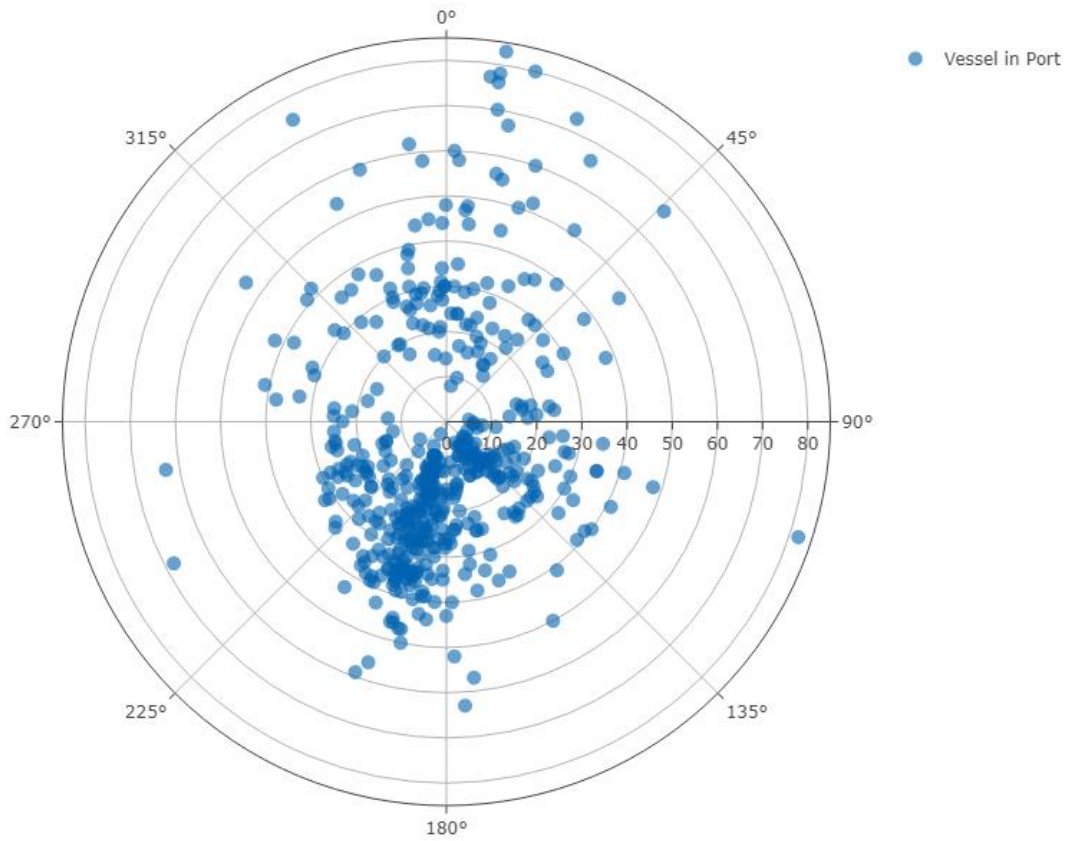


Figure 6.6 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) by wind direction (February 2024)

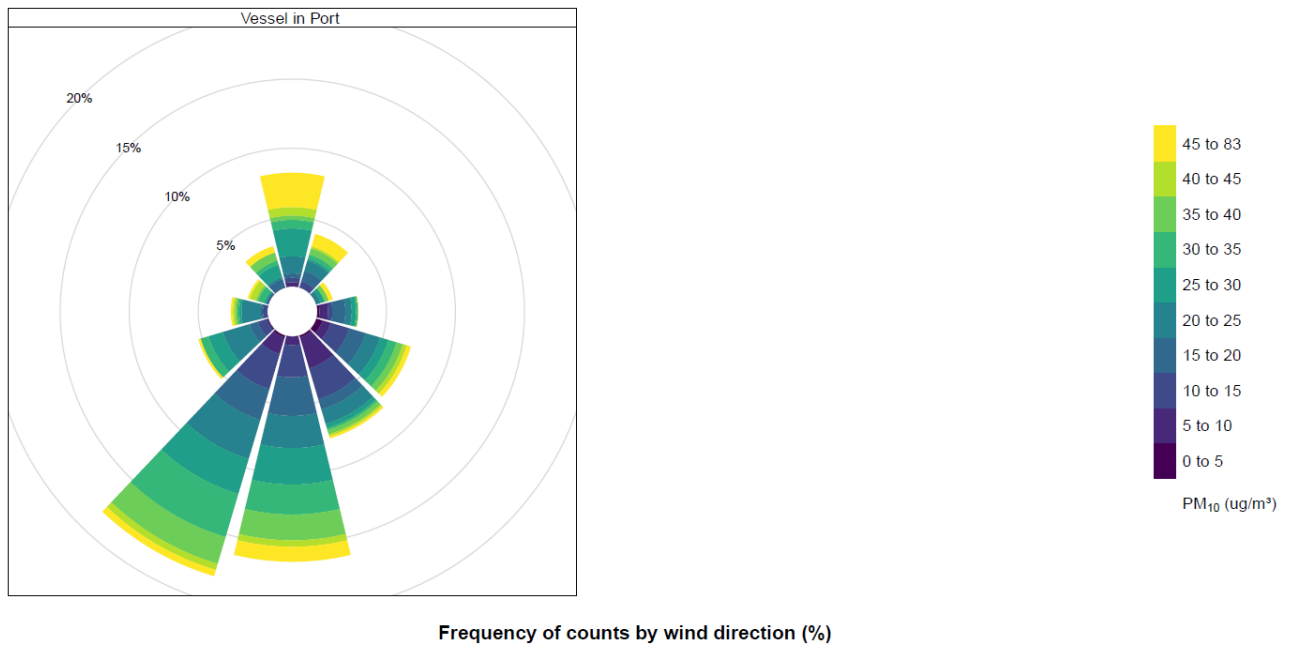


Figure 6.7 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) pollution roses (February 2024)

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. Note that at any given time in February, at least one vessel was present at the port.

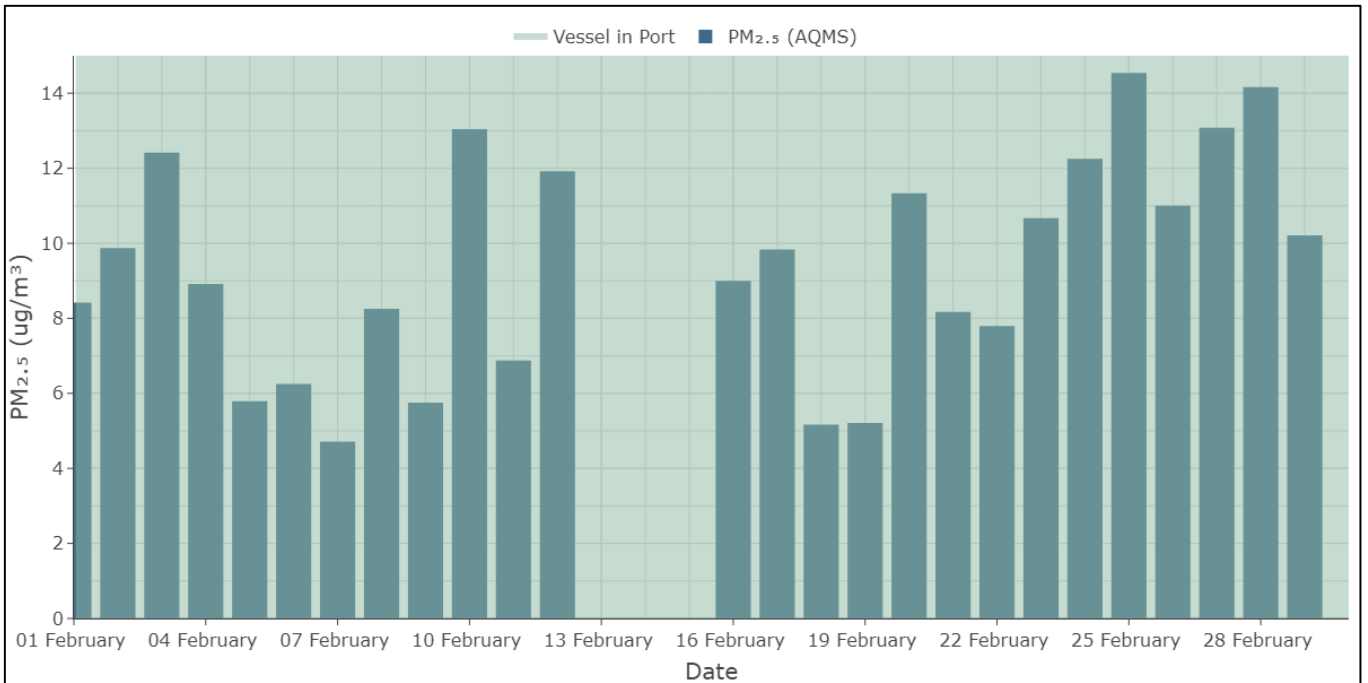


Figure 6.8 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier (February 2024) (criteria: 25 µg/m³)

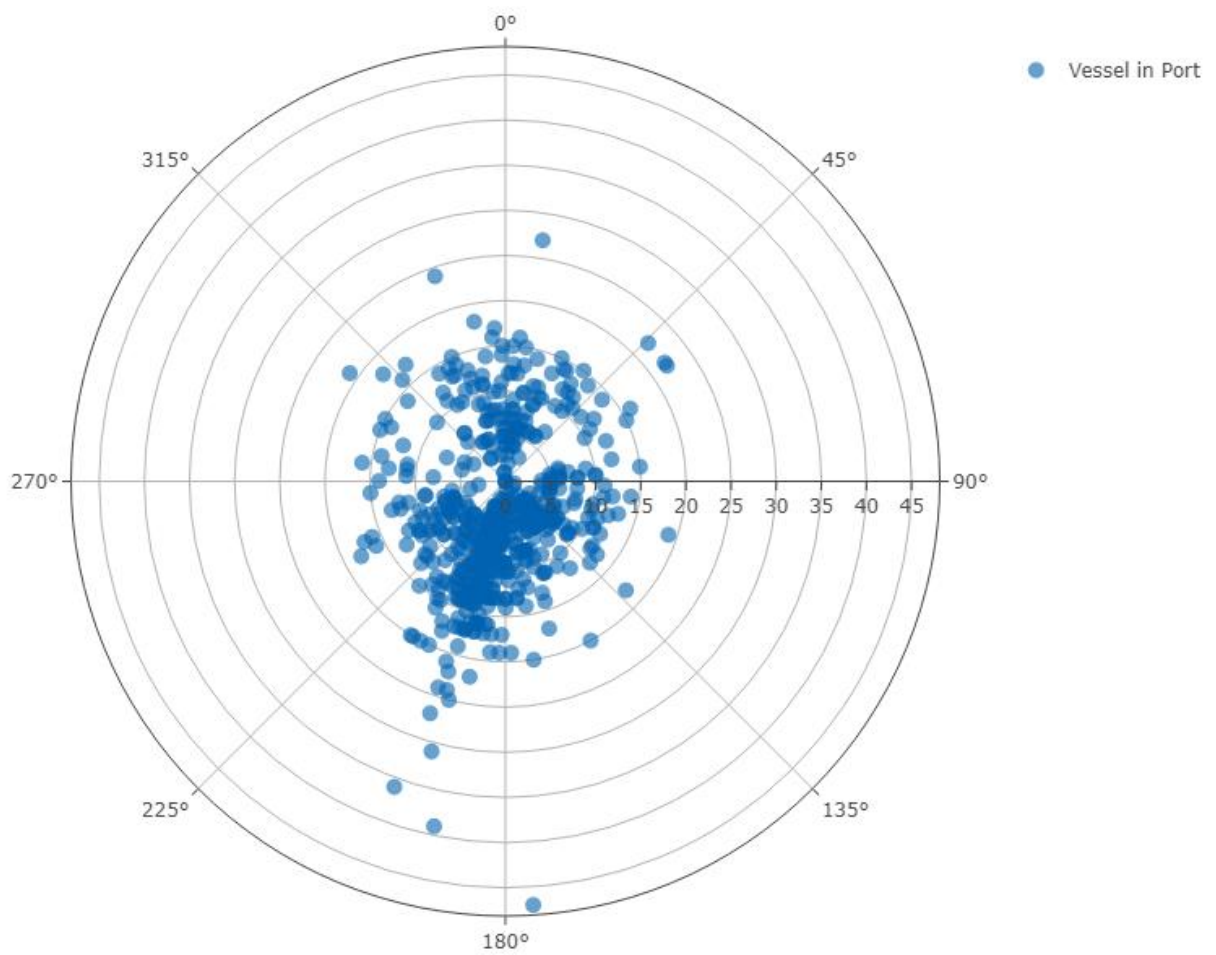
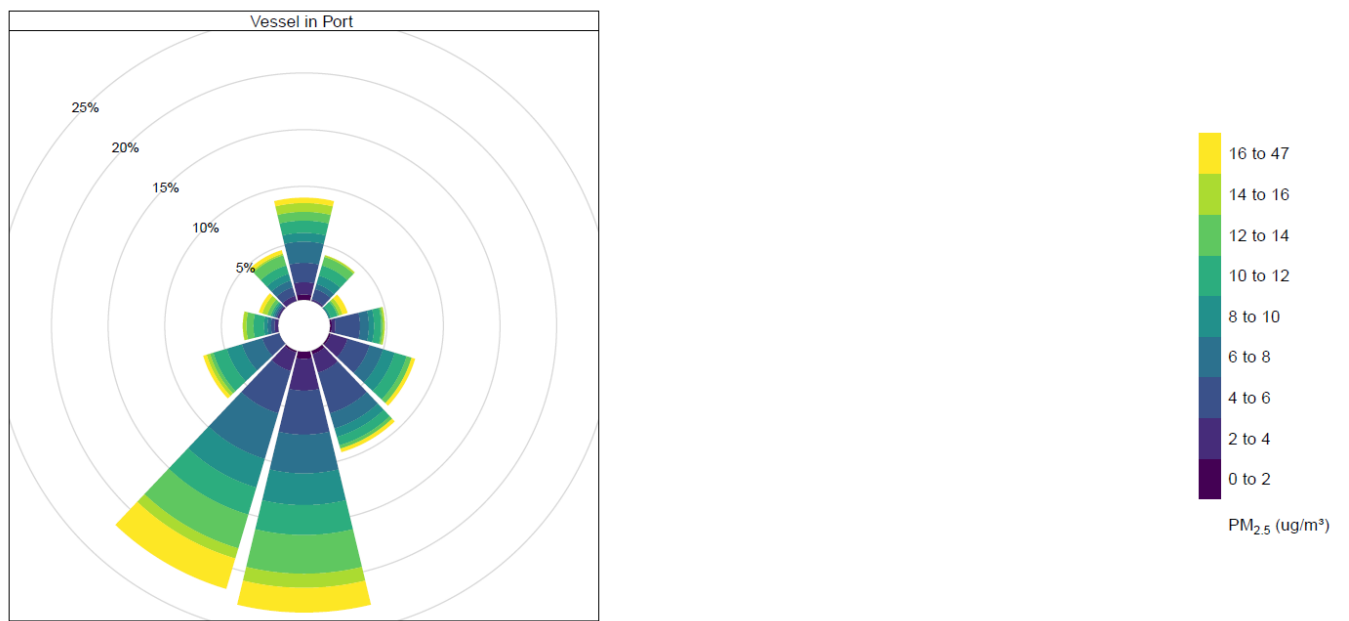


Figure 6.9 Hourly average $PM_{2.5}$ concentration ($\mu\text{g}/\text{m}^3$) by wind direction (February 2024)



Frequency of counts by wind direction (%)

Figure 6.10 24-hour average $PM_{2.5}$ concentration ($\mu\text{g}/\text{m}^3$) pollution roses (February 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. It should be noted that at any given time in February, at least one vessel was present at the port.

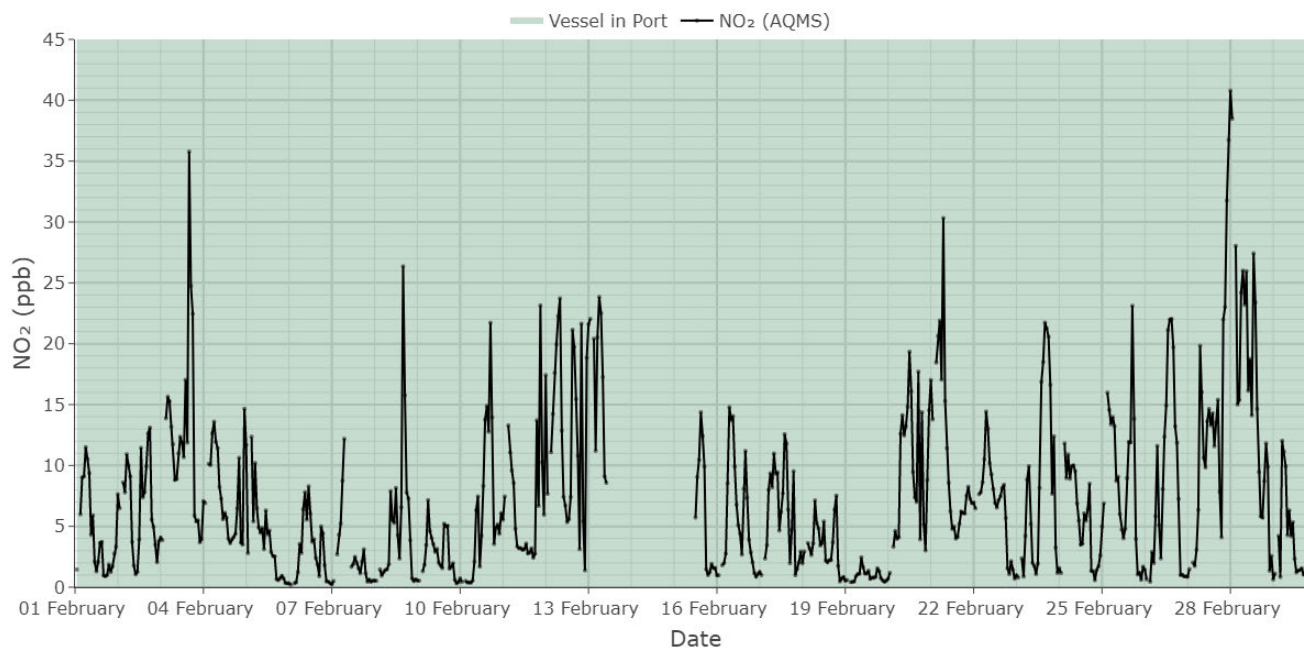


Figure 6.11 Hourly average NO₂ concentrations (ppb) at Station Pier (February 2024) (criteria: 80 ppb)

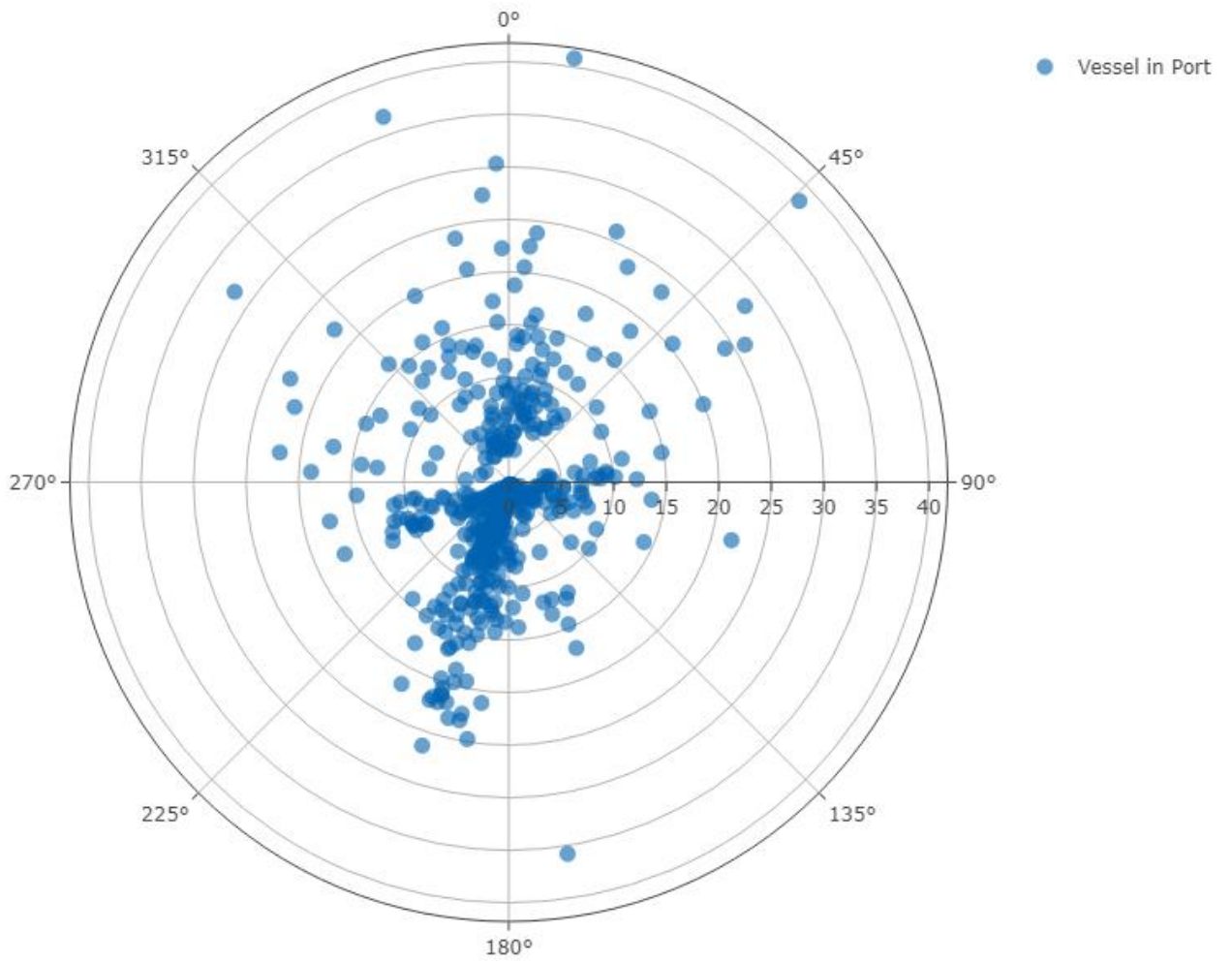
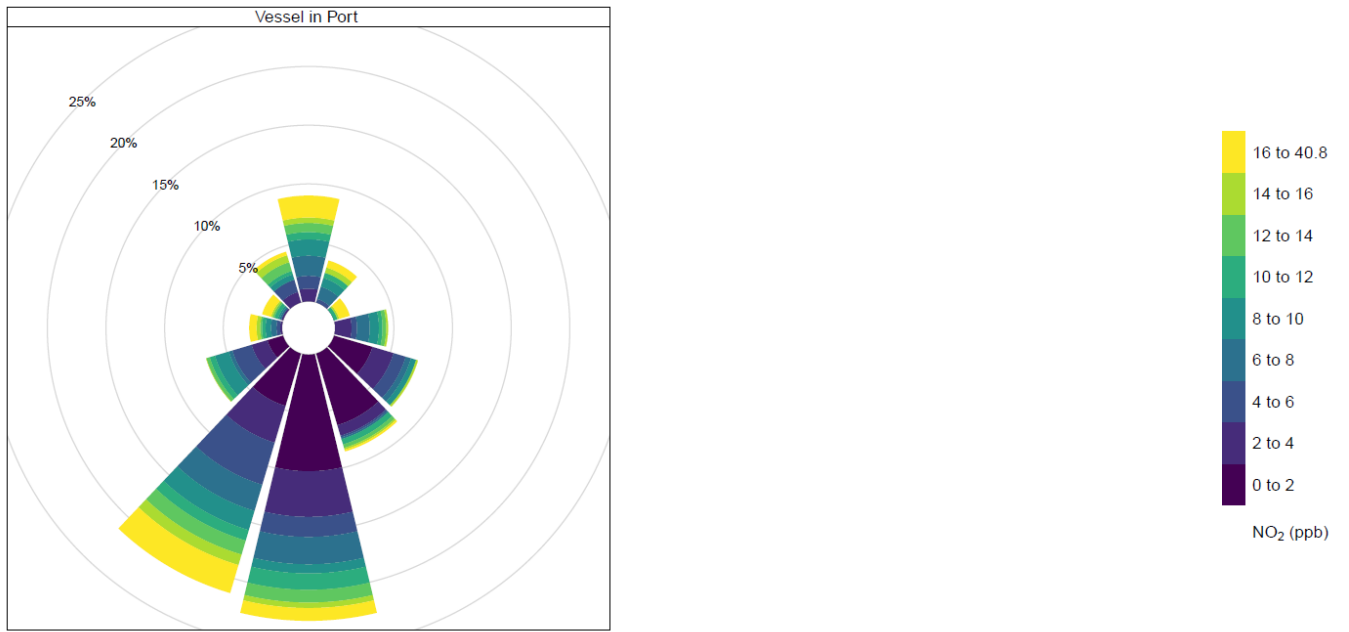


Figure 6.12 Hourly average NO₂ concentration (ppb) by wind direction (February 2024)



Frequency of counts by wind direction (%)

Figure 6.13 Hourly average NO₂ concentration (ppb) pollution roses (February 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. It should be noted that at any given time in February, at least one vessel was present at the port.

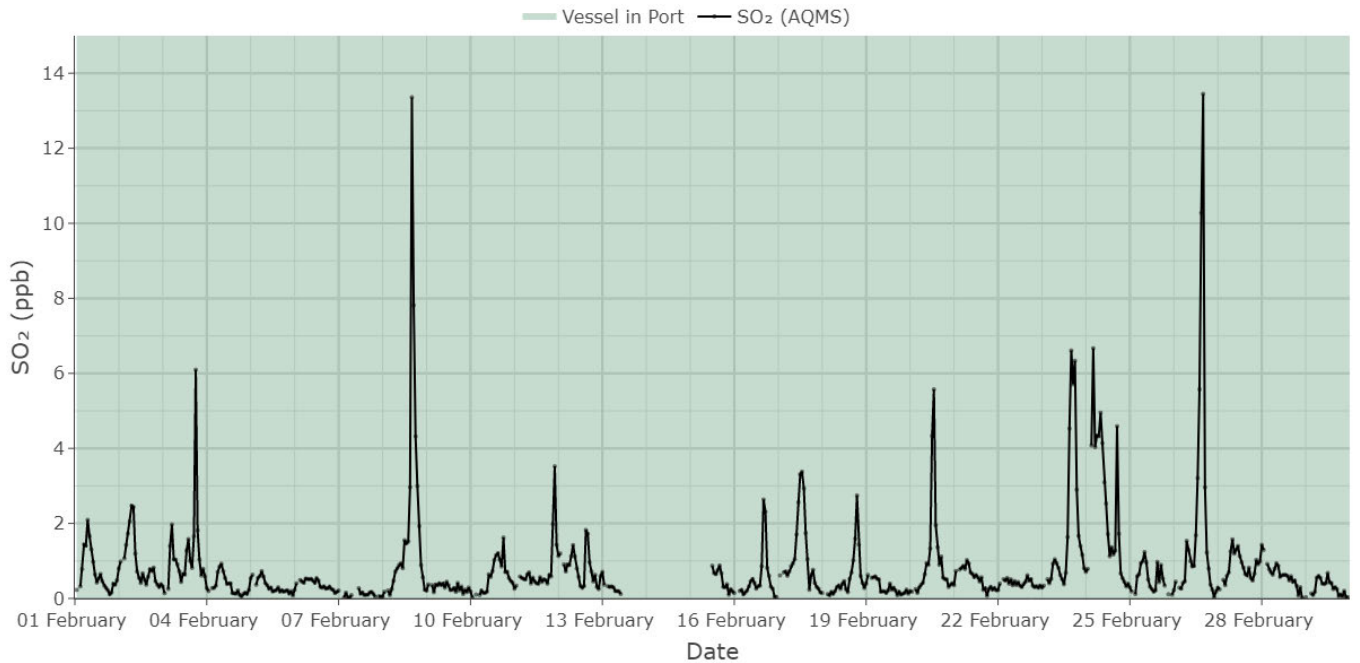


Figure 6.14 Hourly average SO₂ concentrations (ppb) at Station Pier (February 2024) (criteria: 75 ppb)

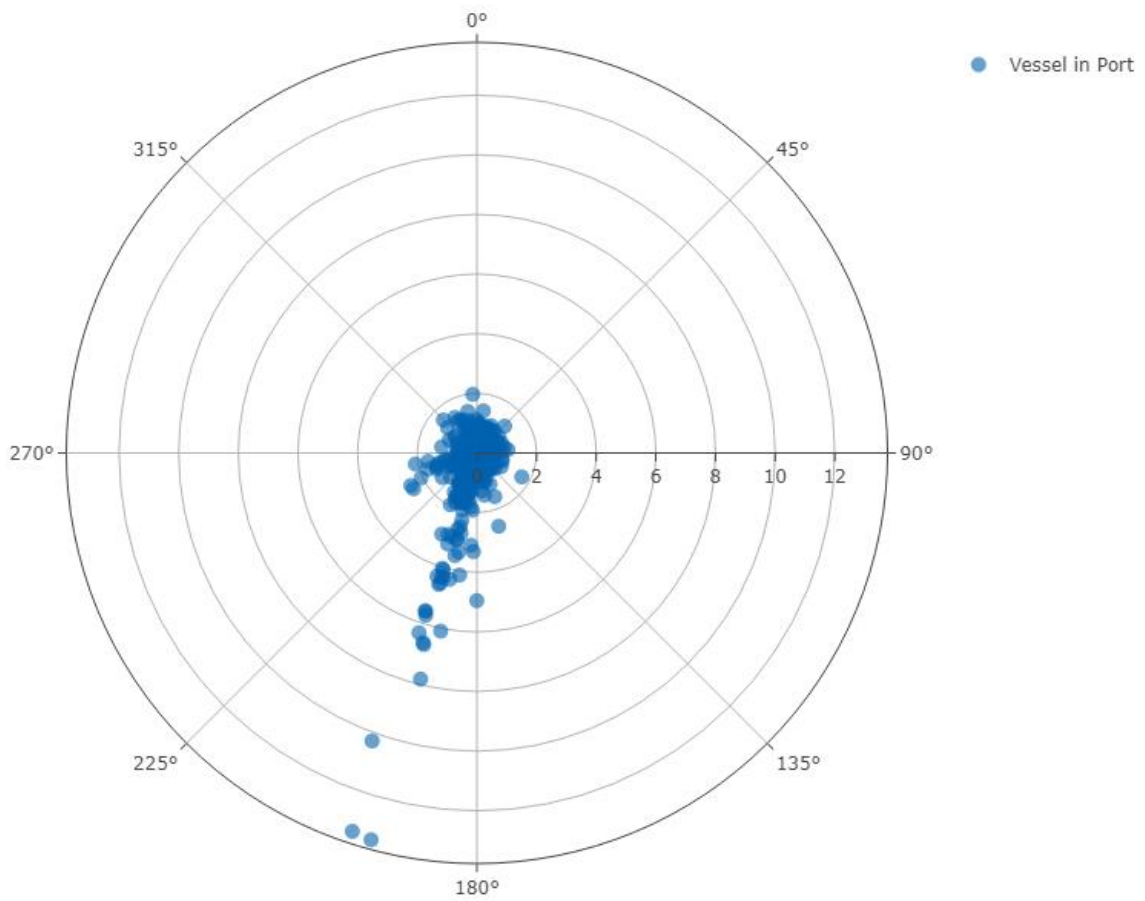


Figure 6.15 Hourly average SO₂ concentration (ppb) by wind direction (February 2024)

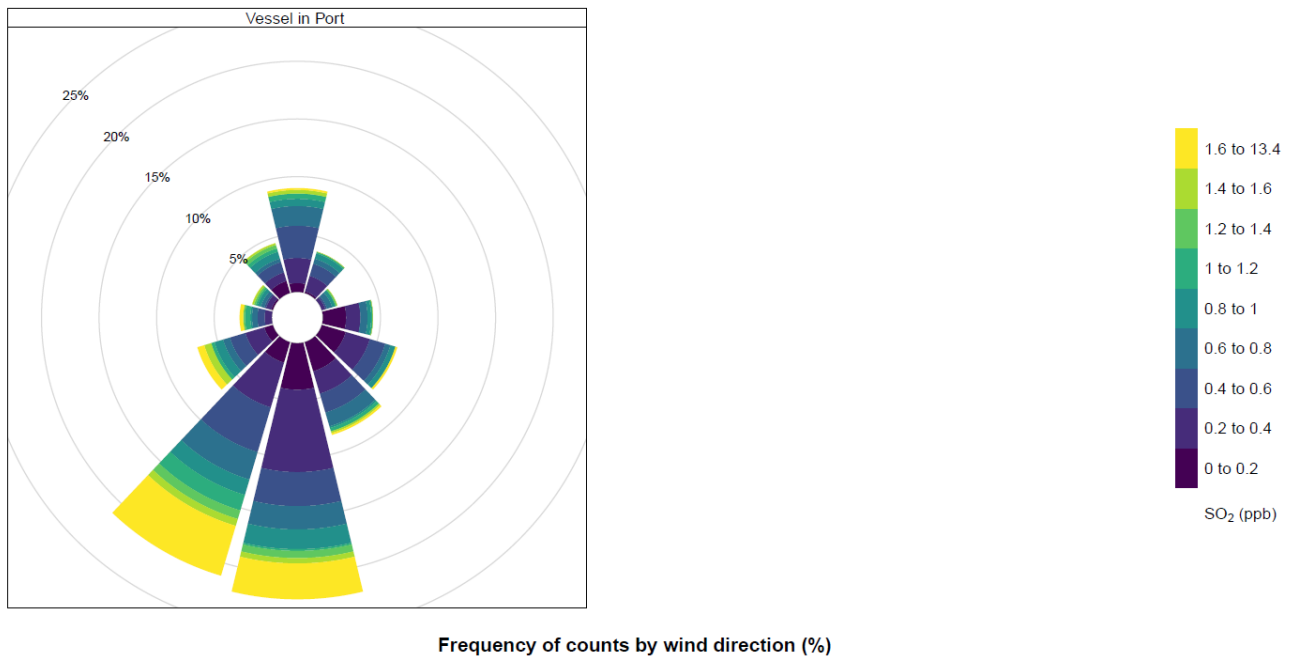


Figure 6.16 Hourly average SO₂ concentration (ppb) pollution roses (February 2024)

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 (Note that at any given time in February, at least one vessel was present at the port.).

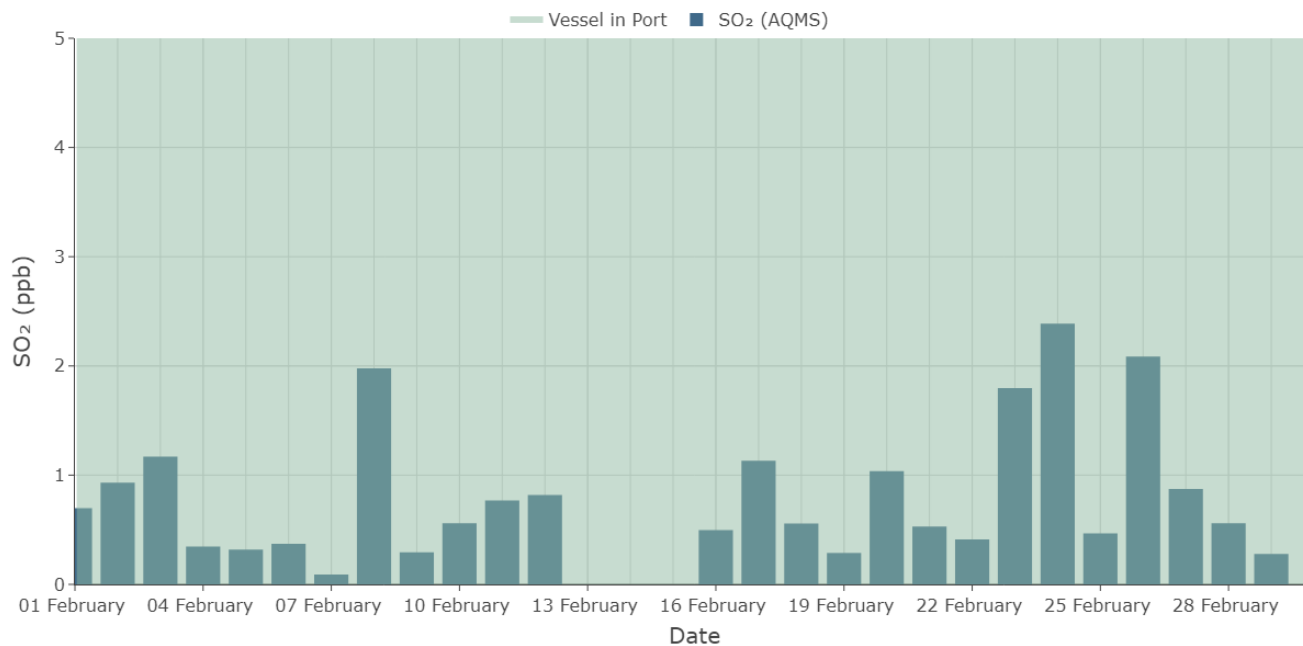


Figure 6.17 24-hour average SO₂ concentrations (ppb) at Station Pier (February 2024) (criteria: 20 ppb)

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 2)
- 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.

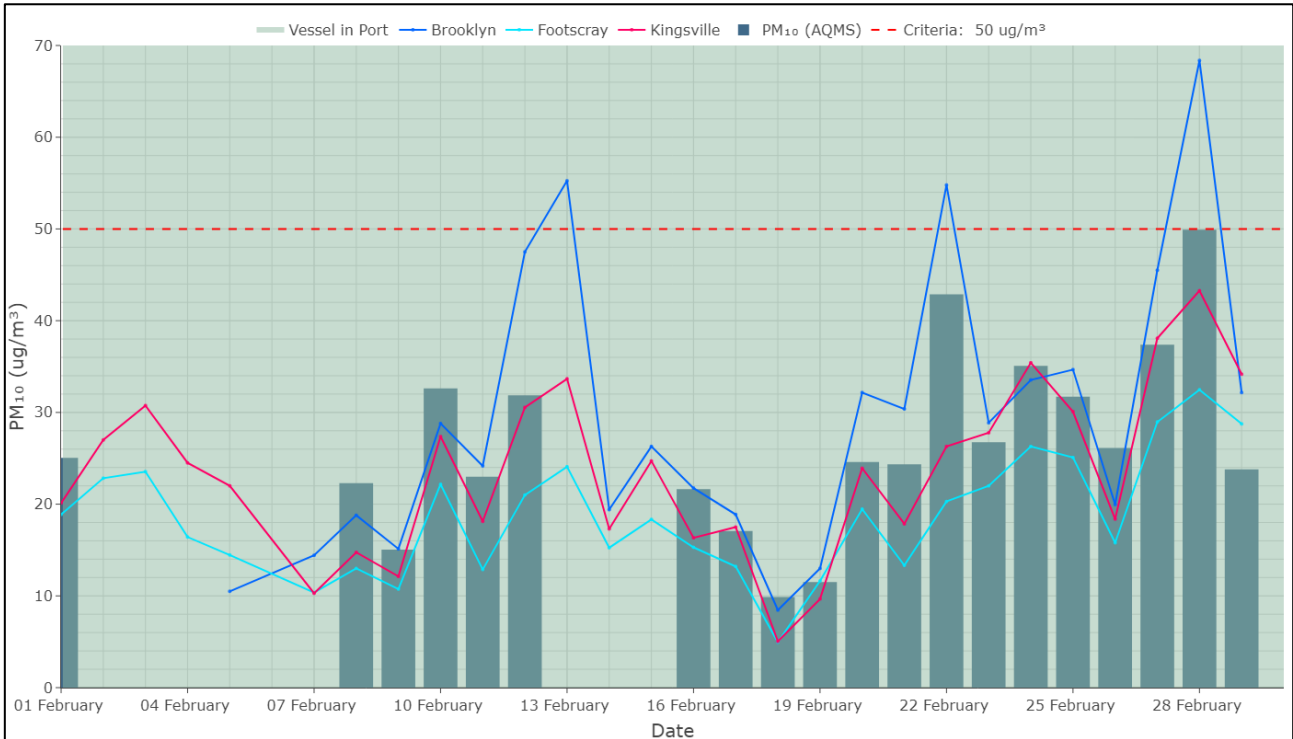


Figure 7.1 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (February 2024) (criteria: 50 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA station observations is presented in Table 5. Positive correlation (0.82 to 0.93) was observed between the Station Pier observations and the EPA station observations at Kingsville, Footscray and Brooklyn.

All concentrations were below the adopted criterion. However, on 28 February 2024, the maximum 24-hour average concentration recorded was 49.9 µg/m³, at the level of the criterion of 50 µg/m³. During the days when elevated PM₁₀ concentrations were measured at Station Pier, namely 22, 24, 27 and 28 February, elevated PM₁₀ concentrations were also observed at the EPA stations.

Table 5 Comparison between 24-hour average PM₁₀ Station Pier observations and local EPA station observations

EPA Station	Correlation coefficient (r)
Kingsville	0.86
Footscray	0.82
Brooklyn	0.93

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.

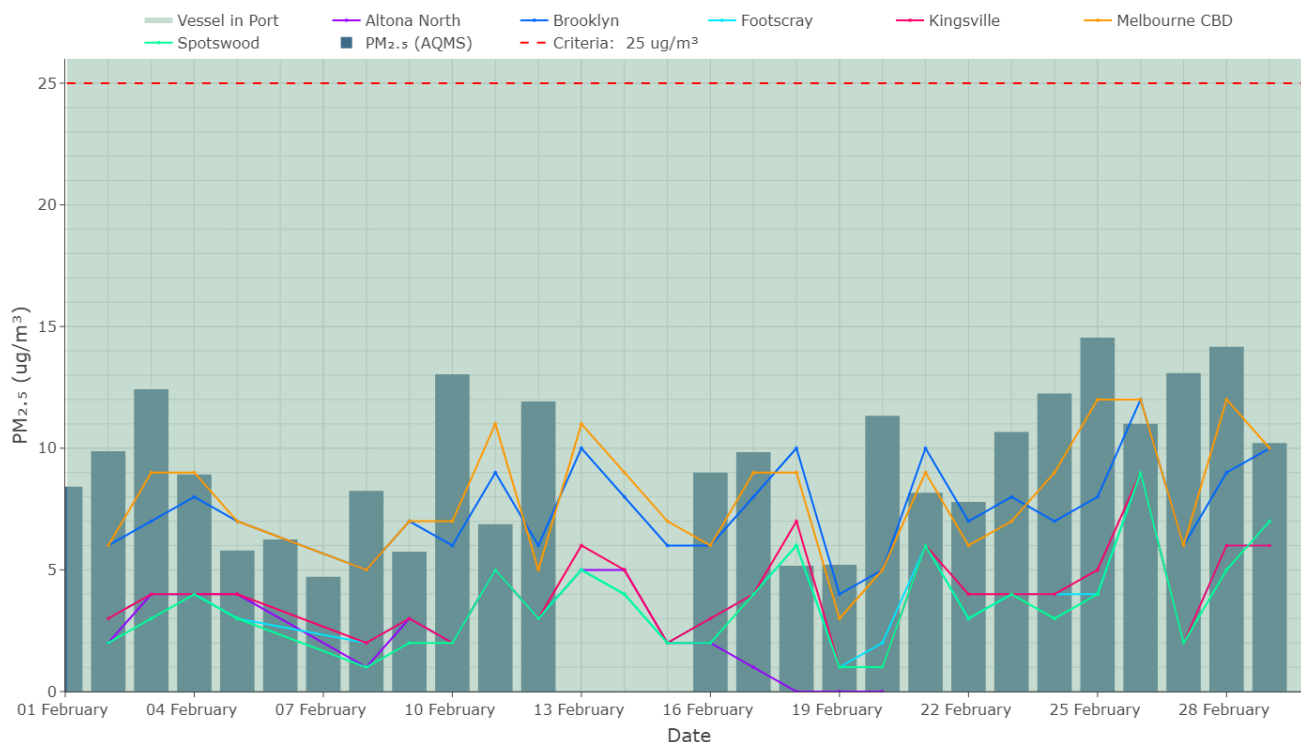


Figure 7.2 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (February 2024) (criteria: 25 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA station observations is presented in Table 6. 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 14.5 µg/m³, which is 42% below the criterion.

Table 6 Comparison between 24-hour average PM_{2.5} Station Pier observations and local EPA station observations

EPA Station	Correlation coefficient (r)
Altona North	0.07
Spotswood	0.04
Kingsville	0.02
Footscray	0.08
Brooklyn	0.02
Melbourne CBD	0.32

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 station and the adopted criterion.

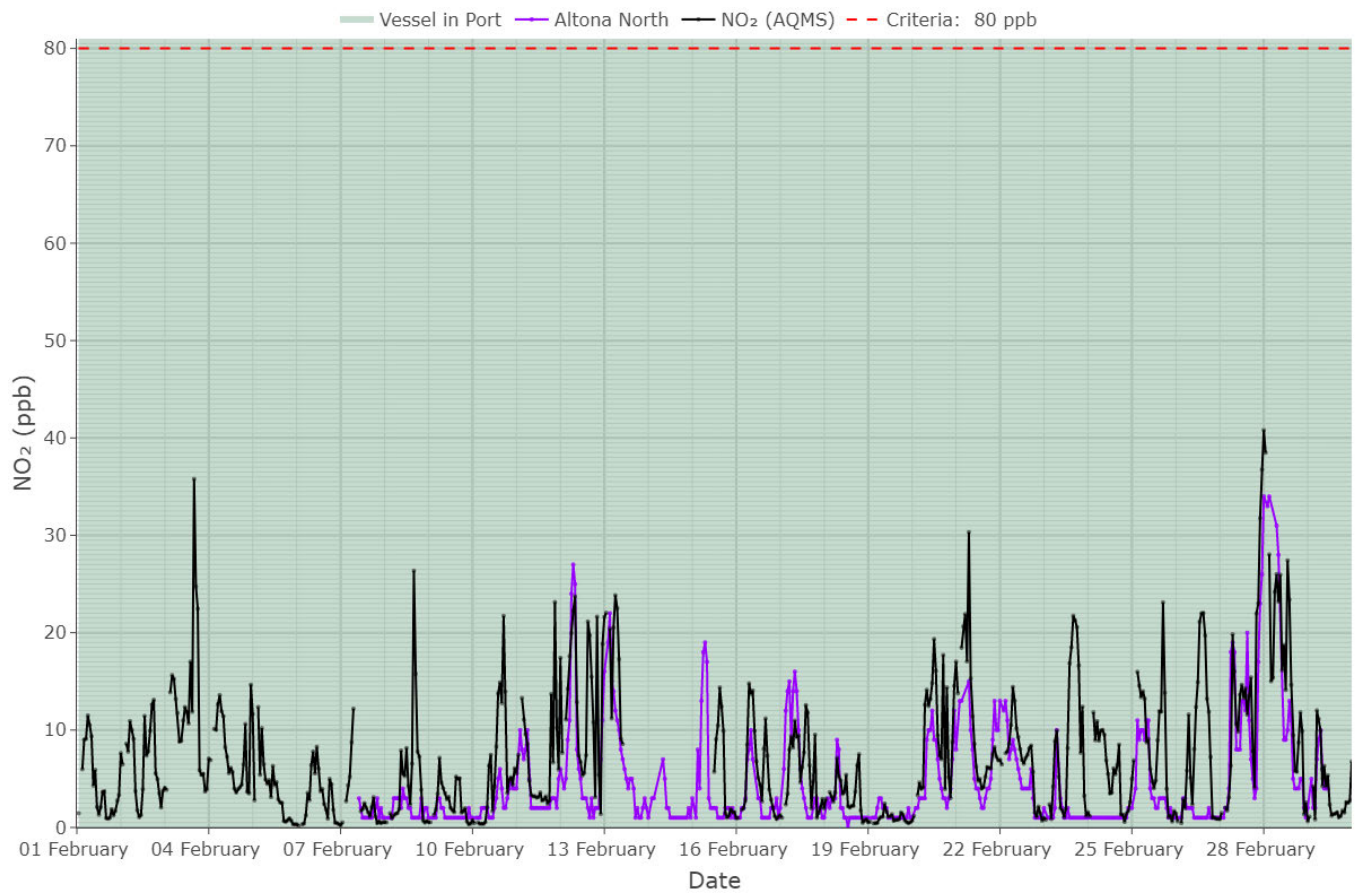


Figure 7.3 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (February 2024) (criteria: 80 ppb)

Some positive correlation (0.6) 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 36.7 ppb, which is 54% 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.

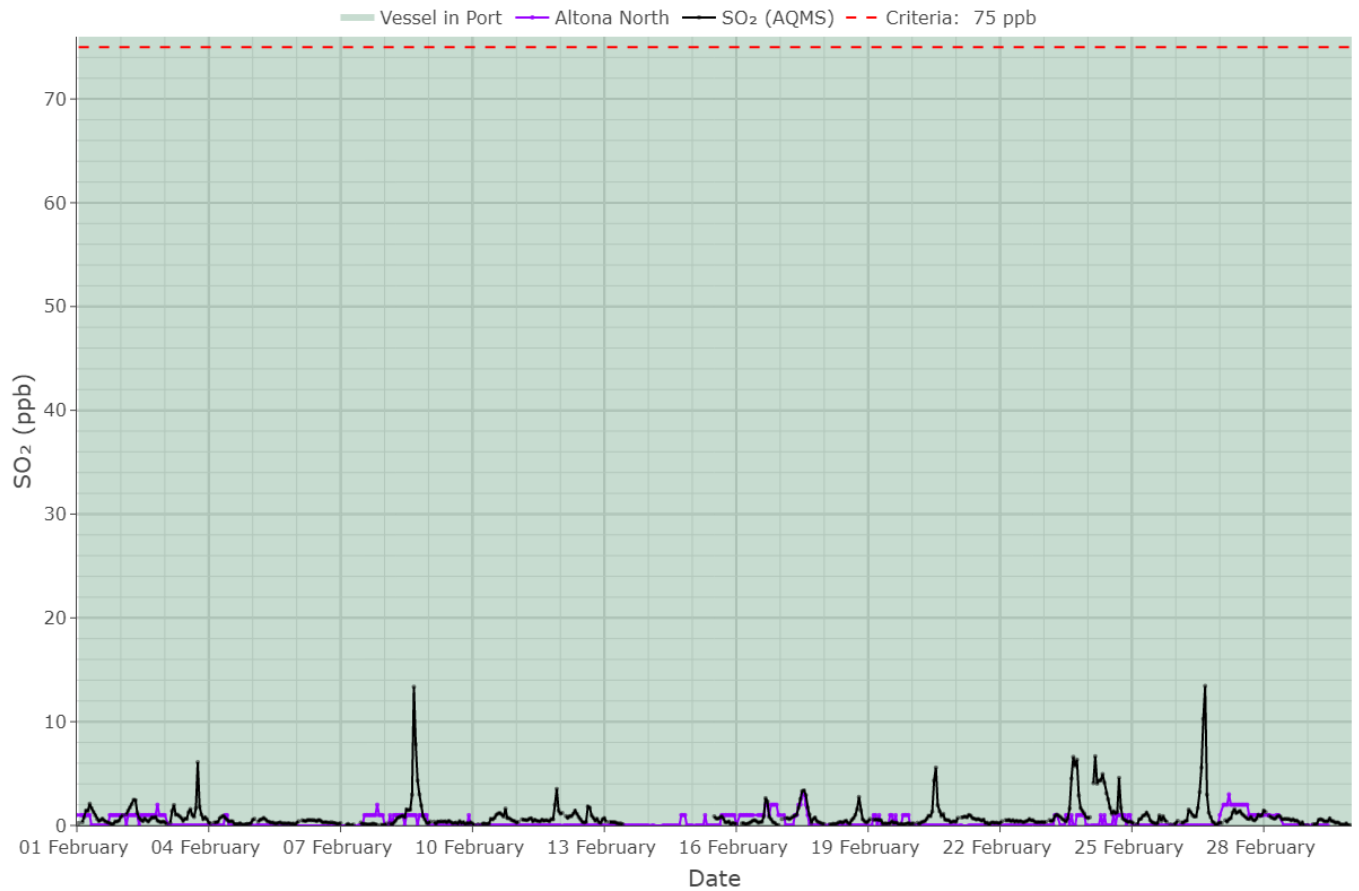


Figure 7.4 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (February 2024) (criteria: 75 ppb)

Minimal correlation (0.1) 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 13.5 ppb, which is 82% 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.

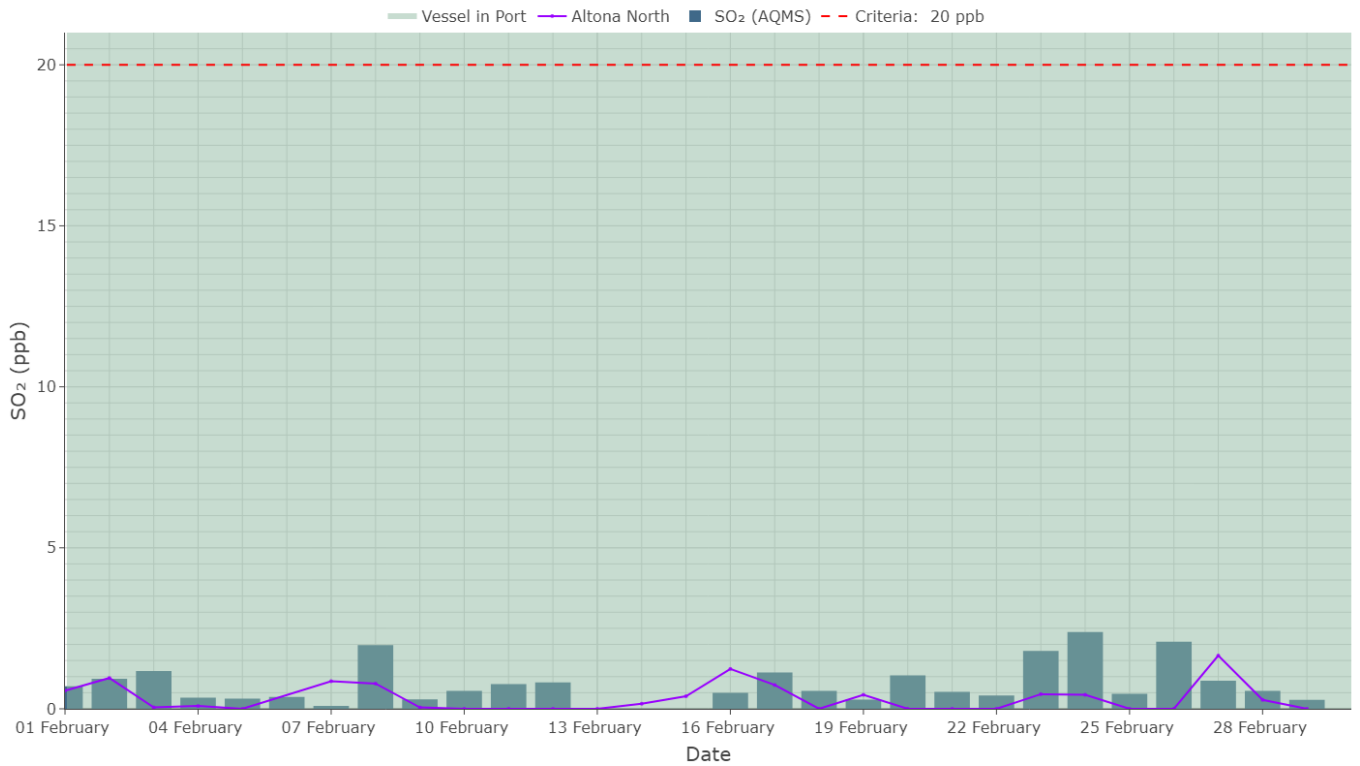


Figure 7.5 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA stations (February 2024) (criteria: 20 ppb)

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 24-hour average concentration recorded was 2.4 ppb, which is 88% 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 PM_{2.5}, NO₂ and SO₂ concentrations occurred when there was one ship present at the port, and maximum PM₁₀ concentration occurred when there were two ships present at the port.

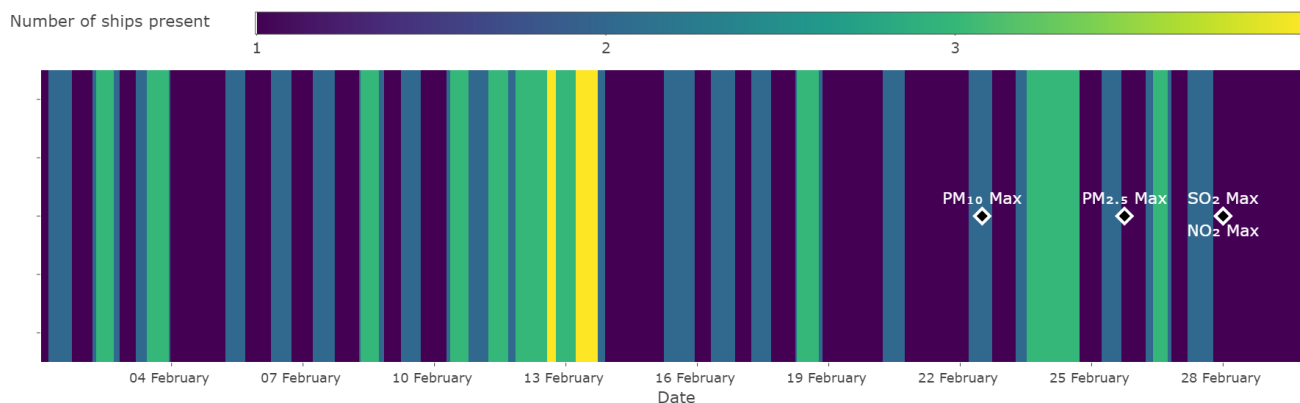


Figure 7.6 Number of ships present compared against maximum concentration observations

The average concentrations for each pollutant have been compared against hourly vessel presence in Table 7.

Table 7 Comparison of average concentration against vessel presence

Pollutant	Proportion of vessel presence during monitoring	Average concentration	
		No vessel ³	Vessel in port
PM ₁₀	100%	-	26.7 µg/m ³
PM _{2.5}	100%	-	9.4 µg/m ³
NO ₂	100%	-	7.1 ppb
SO ₂	100%	-	0.8 ppb

7.6 Long term review

Annual average criteria are specified for PM₁₀, PM_{2.5} and NO₂. A long term average to date will be assessed against the annual average criteria when at least three complete months of validated monitoring data has been collected.

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

³ Note that at any given time in February, at least one vessel was present at the port.

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

At any given time in February, at least one vessel was present at the port. This means the average concentrations for all pollutants were observed when at least one vessel was in port. Comparison against the EPA AQMS observations showed positive correlation (0.82 to 0.93) for 24-hour average PM₁₀ concentrations. Some positive correlation (0.6) for 1-hour average NO₂ concentrations. Minimal correlation was observed for PM_{2.5} and SO₂ concentrations.

PM₁₀ observations during the month of February 2024 were lower than the adopted short term criteria (1-hour and 24-hour). However, on 28 February 2024, the maximum 24-hour average PM₁₀ concentration recorded was 49.9 µg/m³, at the level of the criterion of 50 µg/m³. During the days when elevated PM₁₀ concentrations were measured at Station Pier, namely 22, 24, 27 and 28 February, elevated PM₁₀ concentrations were also observed at the EPA stations.

Observations of PM_{2.5}, NO₂ and SO₂ during the month of February 2024 were lower than the adopted short term criteria (1-hour and 24-hour), ranging from 42% (for maximum 24-hour average PM_{2.5}) to 88% (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 29 February 2024) are presented in Figure 1.1 alongside observations from the local EPA stations and the adopted criterion.

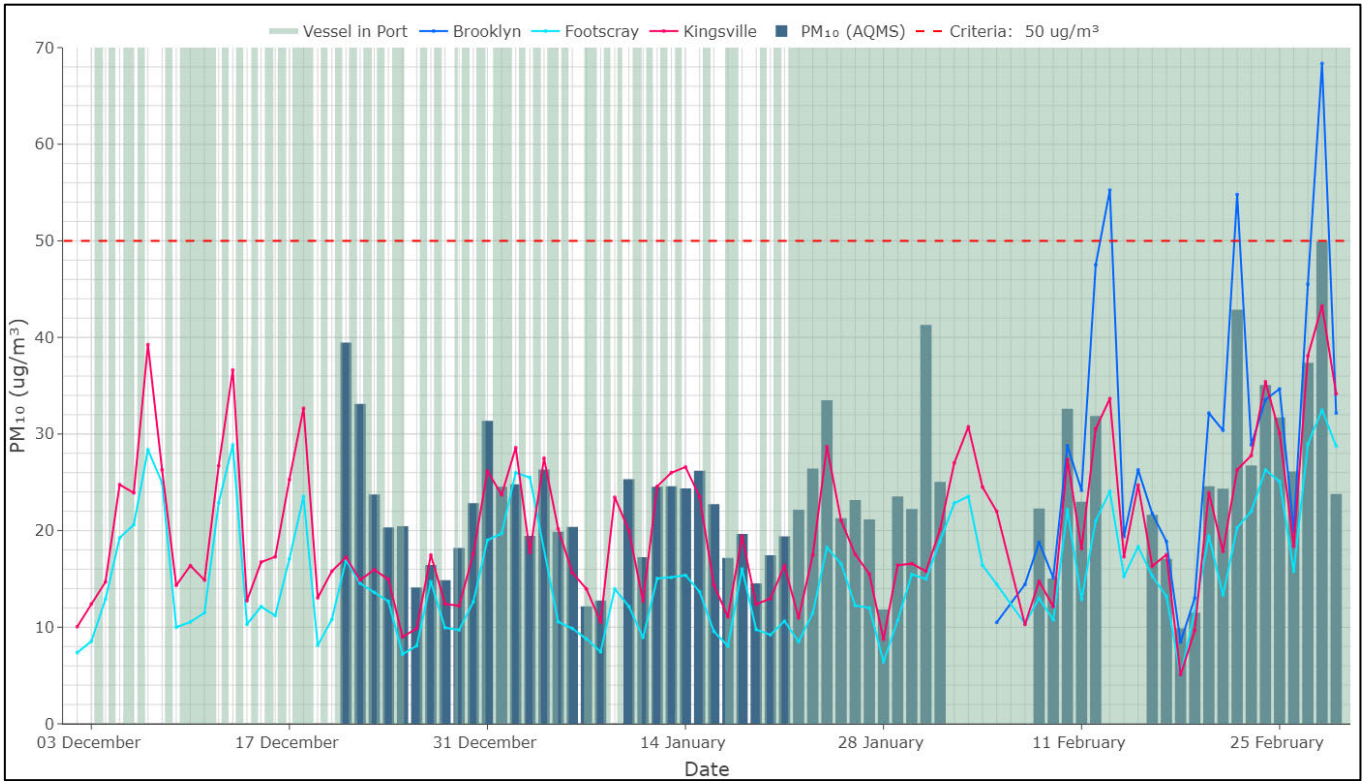


Figure 1.1 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - February 2024) (criteria: 50 µg/m³)

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 29 February 2024) are presented in Figure 1.2 alongside observations from the local EPA stations and the adopted criterion.

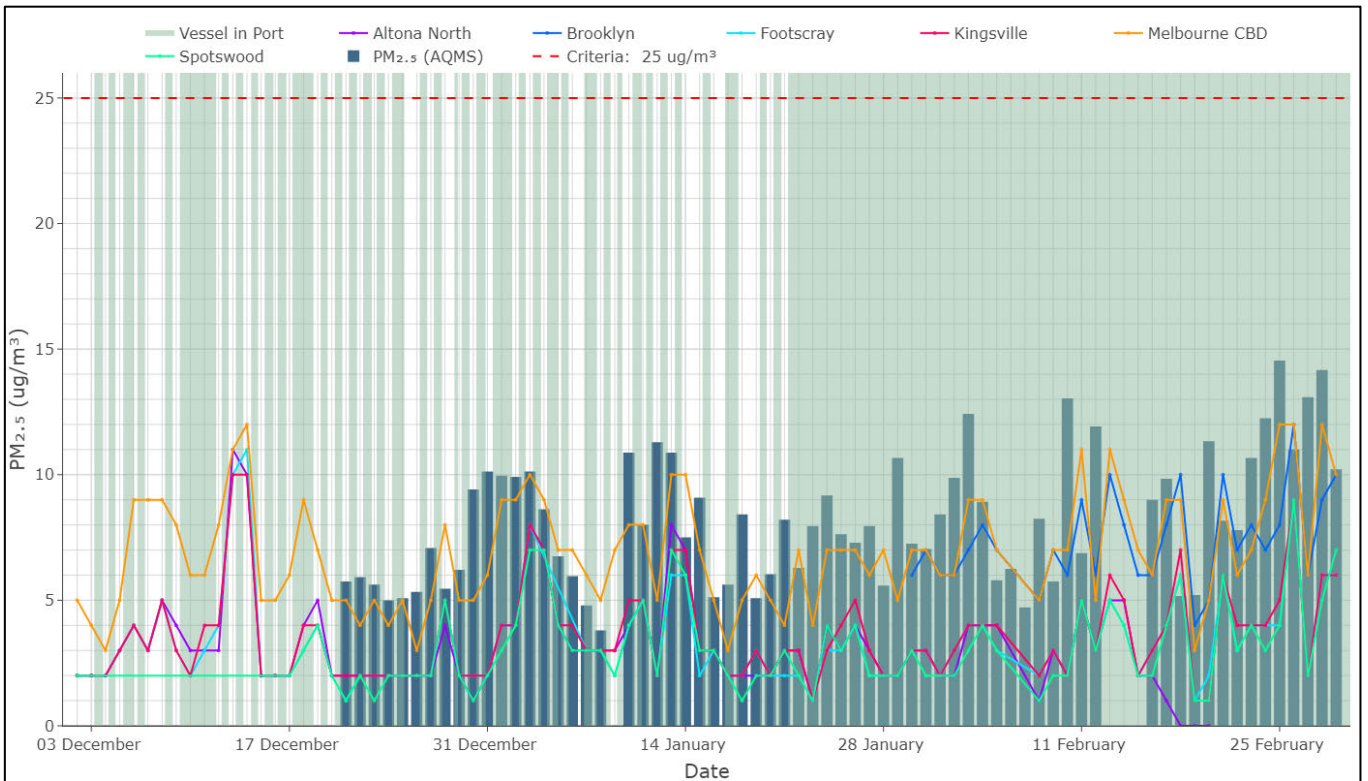


Figure 1.2 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - February 2024) (criteria: 25 µg/m³)

1-3 NO₂

The hourly average NO₂ concentrations observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 29 February 2024) are presented in Figure 1.3 alongside observations from the local EPA stations and the adopted criterion.

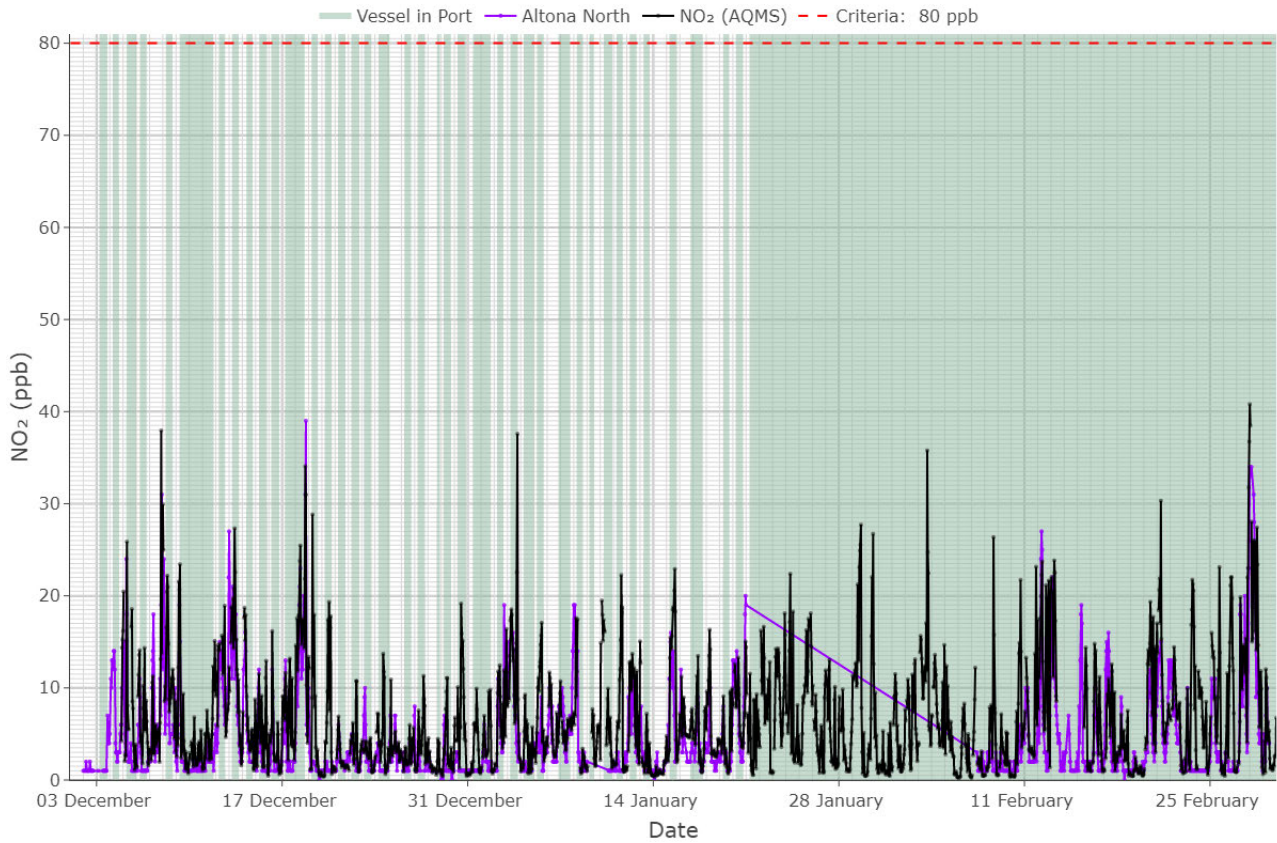


Figure 1.3 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - February 2024) (criteria: 80 ppb)

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 29 February 2024) are presented in Figure 1.4 and Figure 1.5 respectively, alongside observations from the local EPA stations and the adopted criterion.

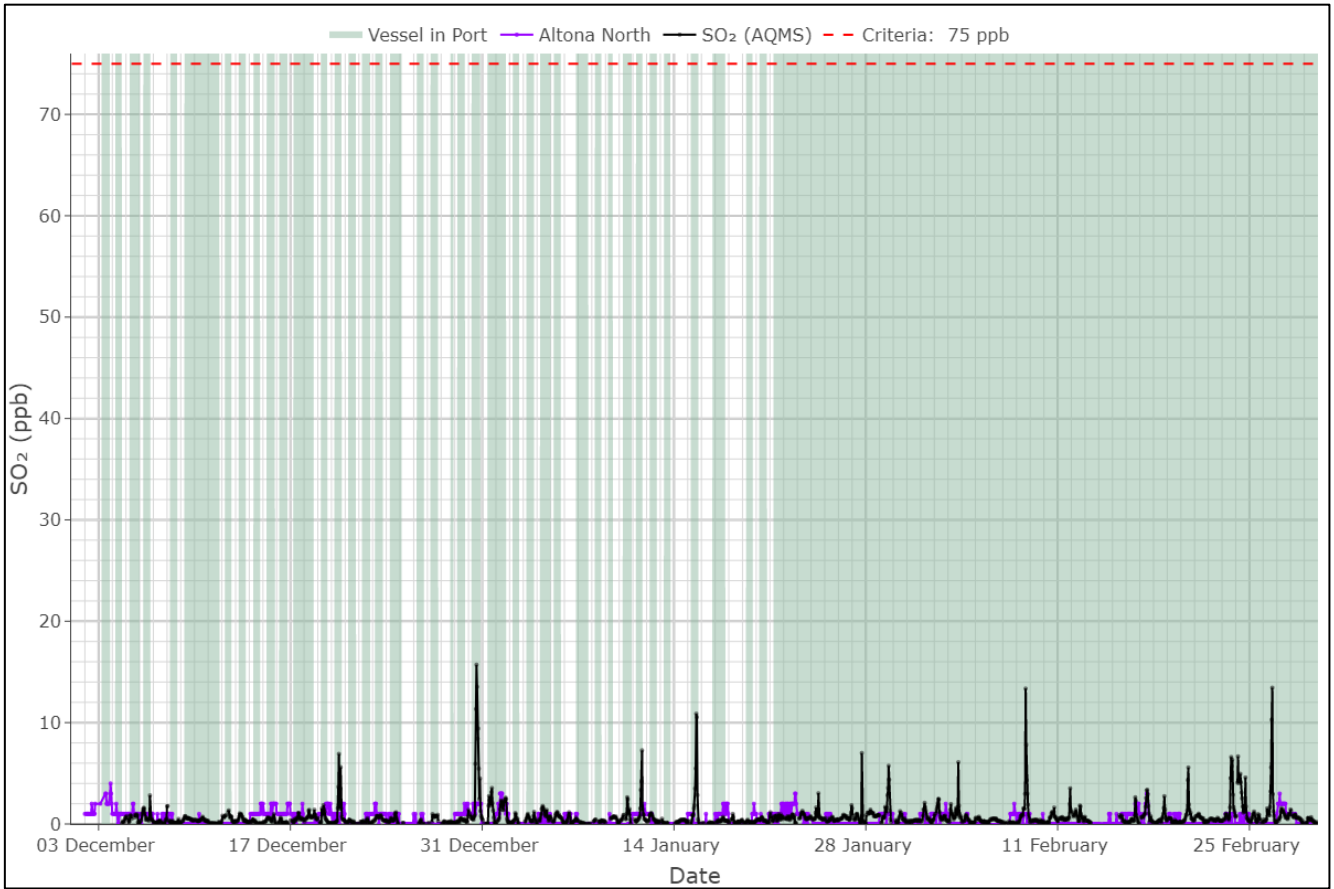


Figure 1.4 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - February 2024) (criteria: 75 ppb)

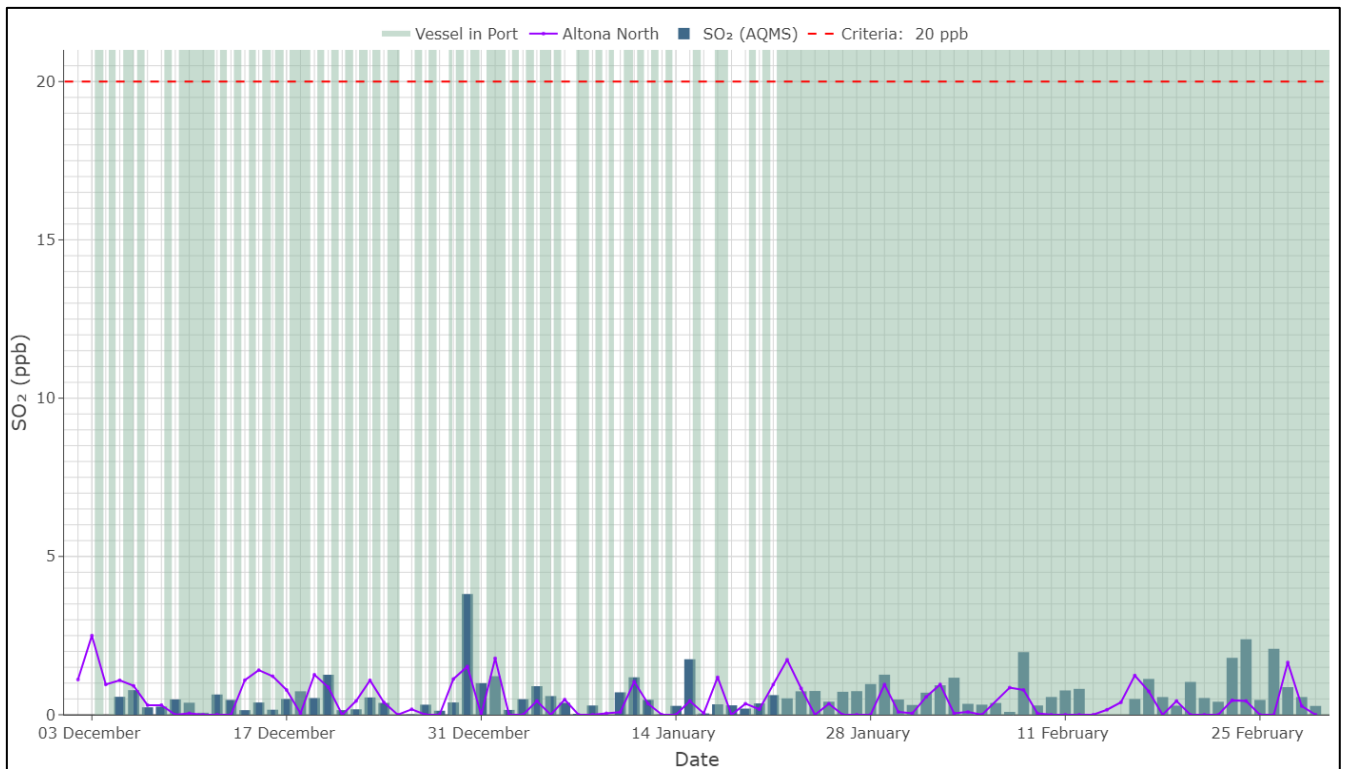


Figure 1.5 24-hour average SO₂ concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - February 2024) (criteria: 20 µg/m³)

Attachment 2

February 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 February to 29th February 2024

Report No: DAT20961

Issue Date: 15th March 2024

Maintenance Contract: MC2306

Acoem Australasia (Ecotech Pty Ltd). 1492 Ferntree Gully Rd, Knoxfield, VIC. 3180 Australia.
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Station Pier Ambient Air Quality Monitoring
February 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/02/24 00:05	0.114	1.290	1.404	0.359			3.2	188	13
01/02/24 00:10	0.028	1.282	1.310	0.289			3.4	194	10
01/02/24 00:15	-0.037	1.354	1.318	0.310			3.3	192	10
01/02/24 00:20	-0.039	1.393	1.353	0.278			3.6	201	07
01/02/24 00:25	-0.004	1.417	1.412	0.212			3.5	194	11
01/02/24 00:30	0.030	1.555	1.585	0.176			4.0	200	07
01/02/24 00:35	0.082	1.797	1.879	0.196			4.0	200	09
01/02/24 00:40	0.073	1.875	1.949	0.174			3.4	194	12
01/02/24 00:45	0.091	1.683	1.774	0.153			3.1	193	12
01/02/24 00:50	0.030	1.424	1.455	0.184			4.1	204	07
01/02/24 00:55	-0.036	1.254	1.217	0.198			3.5	196	10
01/02/24 01:00	-0.099	1.113	1.014	0.215			3.7	194	09
01/02/24 01:05							5.5	209	08
01/02/24 01:10							5.9	214	06
01/02/24 01:15							5.5	213	08
01/02/24 01:20							5.3	221	05
01/02/24 01:25							5.4	217	04
01/02/24 01:30							5.4	218	05
01/02/24 01:35							5.0	216	05
01/02/24 01:40							4.5	205	06
01/02/24 01:45							4.5	222	13
01/02/24 01:50							4.5	220	06
01/02/24 01:55							4.2	229	07
01/02/24 02:00							3.9	221	08
01/02/24 02:05	-0.135	0.906	0.772	0.223			3.8	214	06
01/02/24 02:10	-0.079	0.789	0.710	0.256			3.6	220	06
01/02/24 02:15	-0.166	0.668	0.502	0.265			4.1	224	05
01/02/24 02:20	-0.146	0.605	0.459	0.273			3.6	222	06
01/02/24 02:25	0.791	3.954	4.745	0.289			3.1	236	13
01/02/24 02:30	3.510	9.214	12.725	0.316			3.0	246	11
01/02/24 02:35	2.988	5.088	8.076	0.305			3.3	259	10
01/02/24 02:40	2.823	5.841	8.663	0.298			3.2	261	07
01/02/24 02:45	5.572	13.548	19.120	0.287			3.4	260	08
01/02/24 02:50	8.291	10.871	19.163	0.421			3.7	261	06
01/02/24 02:55	17.102	10.675	27.777	0.477			3.9	264	06
01/02/24 03:00	11.348	9.566	20.914	0.433			4.0	265	07
01/02/24 03:05	2.299	7.824	10.123	0.504			3.6	266	08
01/02/24 03:10	3.748	7.880	11.628	0.571			3.8	263	08
01/02/24 03:15	5.222	8.844	14.066	0.573			2.3	279	17
01/02/24 03:20	5.024	8.969	13.993	0.569			3.9	258	07
01/02/24 03:25	6.595	9.870	16.465	0.588			4.1	258	06
01/02/24 03:30	15.610	6.601	22.211	0.633			4.0	252	07
01/02/24 03:35	20.690	9.755	30.445	0.775			3.8	265	05
01/02/24 03:40	18.127	10.421	28.548	0.934			4.8	260	06
01/02/24 03:45	17.778	10.045	27.823	1.037			4.6	253	07
01/02/24 03:50	14.850	9.227	24.077	1.017			4.6	256	09
01/02/24 03:55	19.136	9.698	28.834	1.069			4.4	260	08
01/02/24 04:00	9.330	9.107	18.437	1.101			4.4	265	06
01/02/24 04:05	10.541	9.745	20.287	1.169			4.0	259	08
01/02/24 04:10	13.694	10.469	24.163	1.278			4.3	257	08
01/02/24 04:15	16.791	10.839	27.631	1.376			4.2	251	07
01/02/24 04:20	11.750	9.493	21.243	1.425			4.9	249	06
01/02/24 04:25	17.655	14.106	31.761	1.446			5.0	249	06
01/02/24 04:30	12.620	7.917	20.537	1.566			4.7	250	07
01/02/24 04:35	22.699	11.928	34.627	1.587			4.8	245	11
01/02/24 04:40	12.945	8.106	21.051	1.657			5.1	239	04
01/02/24 04:45	2.992	6.234	9.226	1.576			4.7	245	07
01/02/24 04:50	2.763	5.944	8.706	1.486			4.9	242	06
01/02/24 04:55	1.926	5.320	7.246	1.361			4.5	246	07
01/02/24 05:00	2.514	9.077	11.590	1.345			4.0	248	09
01/02/24 05:05	9.789	17.721	27.509	1.315			4.0	250	06
01/02/24 05:10	12.629	14.162	26.791	1.324			3.9	248	08
01/02/24 05:15	13.633	9.125	22.758	1.337			3.8	246	08
01/02/24 05:20	61.397	14.180	75.577	1.415			4.0	244	07
01/02/24 05:25	53.659	12.894	66.553	1.409			3.8	244	10
01/02/24 05:30	27.495	9.477	36.973	1.421			3.6	253	09
01/02/24 05:35	27.106	10.624	37.730	1.370			3.8	258	09
01/02/24 05:40	24.178	10.147	34.325	1.404			4.5	259	07
01/02/24 05:45	21.416	7.031	28.447	1.478			5.8	256	05
01/02/24 05:50	10.048	8.374	18.421	1.420			5.5	251	07
01/02/24 05:55	14.555	9.270	23.826	1.463			5.0	250	07
01/02/24 06:00	23.826	15.008	38.834	1.521			4.6	251	08
01/02/24 06:05	23.792	12.115	35.907	1.728			4.9	250	08
01/02/24 06:10	20.879	12.350	33.229	1.824			5.4	255	07
01/02/24 06:15	14.234	9.757	23.991	1.892			5.2	257	07
01/02/24 06:20	18.763	10.271	29.035	1.984			4.8	258	07
01/02/24 06:25	18.653	11.609	30.262	2.133			4.2	261	09
01/02/24 06:30	16.379	11.753	28.132	2.189			4.4	261	07
01/02/24 06:35	18.762	10.976	29.738	2.190			4.6	262	07
01/02/24 06:40	15.977	9.695	25.671	2.162			4.3	262	12
01/02/24 06:45	15.609	9.082	24.692	2.149			4.7	266	09
01/02/24 06:50	24.685	8.715	33.400	2.274			3.7	264	11
01/02/24 06:55	17.620	9.066	26.686	2.347			4.2	260	07
01/02/24 07:00	17.440	10.912	28.352	2.264			4.3	264	09
01/02/24 07:05	15.601	9.864	25.465	2.110			4.2	266	09
01/02/24 07:10	15.482	11.091	26.572	1.911			3.9	261	15
01/02/24 07:15	14.493	11.497	25.989	1.752			4.0	271	10
01/02/24 07:20	14.919	9.568	24.486	1.617			3.9	268	13
01/02/24 07:25	15.242	9.146	24.388	1.511			3.9	268	08
01/02/24 07:30	14.814	8.898	23.712	1.466			4.0	264	11
01/02/24 07:35	14.351	8.870	23.220	1.497			4.4	257	05
01/02/24 07:40	13.461	3.448	16.909	1.512			4.7	255	14
01/02/24 07:45				1.493			4.3	254	09
01/02/24 07:50	31.629	17.230	48.859	1.649			4.0	250	12
01/02/24 07:55	18.614	9.340	27.954	1.697			4.6	255	12
01/02/24 08:00	7.751	4.014	11.766	1.722			4.7	257	07
01/02/24 08:05	10.797	3.236	14.032	1.560			5.3	240	09
01/02/24 08:10	5.587	3.152	8.739	1.445			3.9	269	18
01/02/24 08:15	3.057	3.062	6.120	1.346			4.1	268	14
01/02/24 08:20	5.345	4.624	9.969	1.320			4.1	255	08
01/02/24 08:25	4.086	1.792	5.878	1.273			4.7	256	06
01/02/24 08:30	8.954	4.048	13.002	1.310			5.1	261	12
01/02/24 08:35	5.128	3.722	8.850	1.314			4.6	261	14
01/02/24 08:40	16.260	3.053	19.313	1.277			4.3	238	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/02/24 08:45	11.285	8.406	19.692	1.200			4.7	256	09
01/02/24 08:50	10.776	5.657	16.433	1.174			3.4	236	08
01/02/24 08:55	11.281	6.623	17.904	1.239			3.6	249	15
01/02/24 09:00	4.302	4.131	8.433	1.226			3.7	277	13
01/02/24 09:05	3.376	5.562	8.938	1.174			4.7	260	10
01/02/24 09:10	4.257	3.794	8.051	1.130			3.5	260	07
01/02/24 09:15	16.977	11.008	27.985	1.156			4.0	251	12
01/02/24 09:20	6.235	5.158	11.393	1.110			4.2	262	07
01/02/24 09:25	3.853	4.229	8.082	1.067			2.9	254	09
01/02/24 09:30	4.889	7.651	12.540	1.010			2.9	234	10
01/02/24 09:35	7.214	5.888	13.102	0.855			3.9	245	15
01/02/24 09:40	5.150	4.628	9.778	0.737			3.4	232	10
01/02/24 09:45	19.578	12.647	32.225	0.754			3.2	236	11
01/02/24 09:50	8.664	5.932	14.596	0.931			4.0	267	14
01/02/24 09:55	2.424	1.716	4.139	0.939			3.9	228	13
01/02/24 10:00	24.499	2.730	27.228	0.862			3.4	212	05
01/02/24 10:05	33.425	6.491	39.916	0.819			3.9	219	08
01/02/24 10:10	9.246	5.514	14.760	0.792			3.9	220	07
01/02/24 10:15	1.841	1.865	3.706	0.713			4.8	222	06
01/02/24 10:20	1.170	1.079	2.249	0.725			4.3	225	08
01/02/24 10:25	1.211	1.080	2.291	0.661			4.5	220	07
01/02/24 10:30	1.253	1.204	2.457	0.603			4.0	217	10
01/02/24 10:35	1.263	1.436	2.700	0.638			4.6	229	06
01/02/24 10:40	1.069	1.343	2.411	0.571			4.2	225	08
01/02/24 10:45	0.915	1.284	2.198	0.578			4.5	220	06
01/02/24 10:50	0.908	1.242	2.150	0.522			4.9	232	07
01/02/24 10:55	0.968	1.257	2.226	0.473			4.6	233	09
01/02/24 11:00	0.850	1.286	2.136	0.531			5.4	235	06
01/02/24 11:05	0.988	1.405	2.393	0.513			4.2	228	14
01/02/24 11:10	0.995	1.425	2.420	0.452			4.0	222	09
01/02/24 11:15	0.986	1.381	2.367	0.411			4.2	217	09
01/02/24 11:20	1.163	1.434	2.596	0.415			4.8	227	09
01/02/24 11:25	1.045	1.326	2.370	0.491			4.9	222	09
01/02/24 11:30	0.902	1.260	2.162	0.377			4.7	216	07
01/02/24 11:35	0.973	1.325	2.298	0.414			4.9	223	12
01/02/24 11:40	1.045	1.383	2.428	0.313			5.4	216	06
01/02/24 11:45	1.646	1.331	2.977	0.379			5.0	210	07
01/02/24 11:50	1.390	1.081	2.470	0.430			4.4	223	10
01/02/24 11:55	0.657	1.046	1.703	0.475			4.7	212	05
01/02/24 12:00	0.528	1.102	1.630	0.406			4.0	216	08
01/02/24 12:05	0.687	1.055	1.742	0.351			3.6	212	07
01/02/24 12:10	0.958	1.137	2.095	0.369			3.5	210	12
01/02/24 12:15	1.336	1.237	2.573	0.372			4.6	211	06
01/02/24 12:20	5.301	2.440	7.741	0.366			4.1	204	13
01/02/24 12:25	1.562	1.823	3.384	0.464			3.6	196	13
01/02/24 12:30	0.983	2.170	3.153	0.513			2.9	199	12
01/02/24 12:35	3.020	1.805	4.825	0.623			3.0	192	13
01/02/24 12:40	1.683	1.919	3.602	0.659			3.1	189	19
01/02/24 12:45	1.784	1.778	3.562	0.705			4.0	198	14
01/02/24 12:50	6.112	6.234	12.346	0.659			4.4	201	12
01/02/24 12:55	1.113	1.748	2.861	0.582			3.6	195	14
01/02/24 13:00	0.884	1.488	2.372	0.646			3.7	198	11
01/02/24 13:05	1.619	1.028	2.648	0.810			3.4	196	14
01/02/24 13:10	2.206	1.402	3.608	0.890			3.0	189	15
01/02/24 13:15	1.502	1.737	3.239	0.842			3.2	191	14
01/02/24 13:20	1.055	1.630	2.685	0.689			3.5	197	11
01/02/24 13:25	1.012	1.689	2.701	0.657			4.0	195	11
01/02/24 13:30	1.106	1.775	2.881	0.645			4.3	199	11
01/02/24 13:35	2.360	7.817	10.177	0.642			4.1	202	13
01/02/24 13:40	3.410	5.783	9.193	0.607			4.3	194	12
01/02/24 13:45	2.016	1.629	3.646	0.503			4.0	198	14
01/02/24 13:50	5.716	2.516	8.232	0.560			4.8	196	11
01/02/24 13:55	3.343	9.388	12.731	0.511			5.0	196	12
01/02/24 14:00	8.758	7.367	16.124	0.474			5.0	199	10
01/02/24 14:05	4.246	3.582	7.827	0.489			4.8	197	14
01/02/24 14:10	8.255	2.597	10.852	0.492			4.4	202	14
01/02/24 14:15	6.680	7.771	14.450	0.439			4.9	202	11
01/02/24 14:20	31.437	7.570	39.006	0.537			4.9	205	11
01/02/24 14:25	15.426	7.387	22.814	0.576			5.0	204	10
01/02/24 14:30	10.560	2.491	13.051	0.566			4.9	204	10
01/02/24 14:35				0.508			6.0	211	09
01/02/24 14:40	11.034	1.978	13.012	0.497			4.9	197	10
01/02/24 14:45	1.627	2.035	3.662	0.413			5.3	193	11
01/02/24 14:50	1.708	2.313	4.020	0.359			4.8	189	13
01/02/24 14:55	2.108	1.783	3.891	0.324			4.9	191	14
01/02/24 15:00	1.613	1.368	2.981	0.268			4.3	188	15
01/02/24 15:05	1.221	1.089	2.310	0.234			4.5	188	13
01/02/24 15:10	2.680	0.773	3.453	0.269			3.6	184	16
01/02/24 15:15	0.617	0.243	0.860	0.335			3.3	183	19
01/02/24 15:20	0.848	0.392	1.240	0.434			3.5	183	19
01/02/24 15:25	0.813	0.713	1.526	0.318			3.5	183	16
01/02/24 15:30	1.051	0.696	1.747	0.352			3.9	188	15
01/02/24 15:35	0.935	0.975	1.910	0.357			3.7	186	15
01/02/24 15:40	0.780	1.065	1.845	0.365			3.6	180	18
01/02/24 15:45	3.157	0.709	3.865	0.356			2.5	174	23
01/02/24 15:50	3.376	2.527	5.903	0.356			2.1	164	27
01/02/24 15:55	1.009	1.216	2.225	0.358			1.9	168	31
01/02/24 16:00	0.263	1.093	1.356	0.357			2.3	166	27
01/02/24 16:05	0.024	0.927	0.951	0.235			2.4	162	24
01/02/24 16:10	0.249	0.810	1.059	0.307			2.4	168	28
01/02/24 16:15	0.320	0.729	1.049	0.270			1.8	169	29
01/02/24 16:20	0.293	0.749	1.042	0.229			2.0	167	26
01/02/24 16:25	0.430	0.726	1.156	0.319			2.5	180	19
01/02/24 16:30	0.437	0.711	1.147	0.396			2.8	179	19
01/02/24 16:35	0.474	0.722	1.197	0.362			2.1	171	25
01/02/24 16:40	0.666	1.037	1.704	0.282			2.6	174	21
01/02/24 16:45	0.626	1.071	1.697	0.196			2.2	172	20
01/02/24 16:50	0.539	1.005	1.543	0.235			2.5	171	23
01/02/24 16:55	0.460	1.019	1.479	0.314			2.0	168	31
01/02/24 17:00	0.499	1.221	1.720	0.227			2.3	157	28
01/02/24 17:05	0.732	1.427	2.159	0.320			2.7	150	20
01/02/24 17:10	0.853	1.489	2.342	0.344			3.1	146	18
01/02/24 17:15	0.775	1.368	2.143	0.308			2.1	155	24
01/02/24 17:20	0.874	1.390	2.264	0.272			2.8	166	24

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/02/24 17:25	1.106	1.557	2.663	0.215			2.6	134	21
01/02/24 17:30	0.929	0.921	1.850	0.158			2.8	149	24
01/02/24 17:35	0.768	0.672	1.440	0.129			2.4	154	27
01/02/24 17:40	0.634	0.619	1.253	0.120			2.6	169	26
01/02/24 17:45	0.617	0.627	1.244	0.151			3.2	176	17
01/02/24 17:50	0.501	0.619	1.120	0.166			3.5	183	16
01/02/24 17:55	0.272	0.630	0.901	0.205			3.7	185	12
01/02/24 18:00	0.064	0.631	0.695	0.236			4.3	184	12
01/02/24 18:05	0.099	0.598	0.697	0.221			4.1	181	15
01/02/24 18:10	0.121	0.597	0.718	0.272			3.4	181	15
01/02/24 18:15	0.885	1.418	2.303	0.156			3.3	177	17
01/02/24 18:20	2.260	4.224	6.484	0.144			3.5	176	15
01/02/24 18:25	2.151	3.659	5.809	0.094			3.3	172	15
01/02/24 18:30	1.988	3.338	5.325	0.073			3.4	173	21
01/02/24 18:35	1.552	2.510	4.062	0.090			3.0	172	20
01/02/24 18:40	1.155	1.700	2.856	0.115			2.9	156	27
01/02/24 18:45	0.929	1.381	2.310	0.085			2.9	170	23
01/02/24 18:50	0.643	1.202	1.845	0.032			2.4	163	30
01/02/24 18:55	0.449	0.971	1.420	0.070			3.7	173	19
01/02/24 19:00	0.290	0.961	1.251	-0.031			3.8	183	13
01/02/24 19:05	0.272	0.961	1.233	-0.059			3.5	188	19
01/02/24 19:10	0.206	0.914	1.119	0.047			4.6	196	09
01/02/24 19:15	0.216	0.876	1.093	0.043			5.9	216	18
01/02/24 19:20	0.263	0.915	1.178	0.027			8.2	224	06
01/02/24 19:25	0.775	1.815	2.590	0.051			9.0	229	04
01/02/24 19:30	0.576	1.673	2.249	0.166			9.6	229	04
01/02/24 19:35	0.393	1.197	1.590	0.194			8.7	231	06
01/02/24 19:40	0.270	1.141	1.411	0.194			7.4	238	07
01/02/24 19:45	0.260	1.308	1.567	0.259			7.7	235	06
01/02/24 19:50	0.248	1.301	1.549	0.313			7.9	233	08
01/02/24 19:55	0.150	1.399	1.550	0.348			7.1	239	09
01/02/24 20:00	0.139	1.402	1.541	0.296			7.8	237	05
01/02/24 20:05	0.581	2.114	2.695	0.351			7.4	246	08
01/02/24 20:10	0.712	2.643	3.355	0.419			7.1	240	07
01/02/24 20:15	0.658	2.651	3.309	0.487			7.9	235	07
01/02/24 20:20	0.539	2.070	2.609	0.431			7.8	236	07
01/02/24 20:25	0.445	1.752	2.197	0.502			9.4	240	06
01/02/24 20:30	0.395	1.420	1.814	0.515			9.5	234	06
01/02/24 20:35	0.274	1.271	1.545	0.375			9.8	232	05
01/02/24 20:40	0.216	1.189	1.405	0.293			10.4	233	04
01/02/24 20:45	0.145	1.185	1.330	0.276			9.9	229	04
01/02/24 20:50	0.168	1.156	1.324	0.290			8.0	232	04
01/02/24 20:55	0.521	1.546	2.067	0.376			8.1	233	05
01/02/24 21:00	0.529	1.419	1.947	0.403			8.2	237	06
01/02/24 21:05	0.400	1.407	1.807	0.354			7.9	235	06
01/02/24 21:10	0.410	1.363	1.772	0.357			8.1	236	08
01/02/24 21:15	0.372	1.302	1.674	0.362			10.0	231	05
01/02/24 21:20	0.302	1.163	1.466	0.269			8.9	234	05
01/02/24 21:25	0.211	1.136	1.347	0.308			8.6	236	06
01/02/24 21:30	0.268	1.099	1.367	0.369			7.7	235	04
01/02/24 21:35	0.311	1.216	1.527	0.344			5.7	245	09
01/02/24 21:40	1.641	3.285	4.926	0.354			5.3	241	10
01/02/24 21:45	3.154	8.098	11.252	0.396			4.9	248	09
01/02/24 21:50	3.337	4.605	7.942	0.452			6.1	236	08
01/02/24 21:55	1.669	1.869	3.538	0.428			6.4	249	08
01/02/24 22:00	2.079	6.516	8.595	0.405			6.3	249	06
01/02/24 22:05	2.209	5.351	7.559	0.390			6.2	241	10
01/02/24 22:10	2.297	5.100	7.397	0.404			5.8	244	09
01/02/24 22:15	2.259	2.872	5.132	0.404			6.3	238	08
01/02/24 22:20	2.184	3.561	5.744	0.375			7.2	236	10
01/02/24 22:25	1.575	0.164	1.740	0.456			7.8	234	13
01/02/24 22:30	1.518	2.231	3.749	0.548			8.7	241	07
01/02/24 22:35	1.257	0.498	1.755	0.603			8.3	240	05
01/02/24 22:40	1.124	0.824	1.948	0.527			7.0	239	06
01/02/24 22:45	1.488	1.721	3.209	0.433			7.1	256	06
01/02/24 22:50	2.390	6.655	9.044	0.466			6.5	248	09
01/02/24 22:55	3.281	8.057	11.339	0.526			7.1	244	07
01/02/24 23:00	2.972	2.913	5.885	0.630			7.0	242	08
01/02/24 23:05	3.176	7.100	10.276	0.673			6.0	247	10
01/02/24 23:10	3.809	8.192	12.001	0.724			5.1	248	11
01/02/24 23:15	4.640	10.472	15.112	0.709			4.8	253	09
01/02/24 23:20	6.065	9.075	15.139	0.739			6.3	254	07
01/02/24 23:25	5.453	6.736	12.189	0.765			5.8	249	08
01/02/24 23:30	5.657	6.917	12.574	0.865			5.3	247	11
01/02/24 23:35	5.692	7.754	13.447	0.927			5.4	254	08
01/02/24 23:40	5.966	8.153	14.119	0.943			5.5	251	08
01/02/24 23:45	5.942	6.951	12.894	0.841			5.7	258	07
01/02/24 23:50	5.964	6.706	12.670				5.5	255	09
01/02/24 23:55	5.743	6.455	12.198				6.0	249	11
02/02/24 00:00	5.834	7.225	13.059	0.849			5.6	259	07
02/02/24 00:05	6.493	7.197	13.689	0.908			5.0	255	08
02/02/24 00:10	6.229	6.848	13.077	0.919			5.6	254	08
02/02/24 00:15	6.556	9.084	15.640	0.970			5.7	257	06
02/02/24 00:20	7.192	9.426	16.618	1.024			5.6	252	07
02/02/24 00:25	7.133	5.277	12.410	1.049			5.6	261	05
02/02/24 00:30	2.184	1.709	3.893	1.023			5.8	262	07
02/02/24 00:35	1.579	4.043	5.622	1.066			5.5	259	07
02/02/24 00:40	1.747	5.454	7.201	0.942			5.7	259	07
02/02/24 00:45	3.378	6.819	10.197	0.951			5.4	255	09
02/02/24 00:50	8.218	9.637	17.854	0.957			5.1	254	09
02/02/24 00:55	7.210	6.871	14.081	0.977			5.4	261	08
02/02/24 01:00	1.666	5.358	7.025	1.032			6.1	260	07
02/02/24 01:05							6.0	258	07
02/02/24 01:10							5.4	263	08
02/02/24 01:15							5.0	261	11
02/02/24 01:20							5.6	260	11
02/02/24 01:25							5.6	262	09
02/02/24 01:30							5.7	263	05
02/02/24 01:35							5.1	269	08
02/02/24 01:40							5.4	266	07
02/02/24 01:45							5.7	266	08
02/02/24 01:50							5.5	264	06
02/02/24 01:55							5.4	261	07
02/02/24 02:00							5.6	261	05

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/02/24 02:05	3.853	6.461	10.314	0.994			5.4	264	09
02/02/24 02:10	4.384	7.265	11.649	1.024			5.2	263	07
02/02/24 02:15	4.611	7.891	12.502	1.045			4.5	257	08
02/02/24 02:20	5.146	8.884	14.030	1.006			5.1	257	09
02/02/24 02:25	6.474	10.758	17.232	0.996			5.4	259	08
02/02/24 02:30	7.854	11.213	19.067	1.001			4.7	257	08
02/02/24 02:35	9.035	9.631	18.666	1.011			5.3	247	11
02/02/24 02:40	8.410	8.256	16.666	1.037			5.3	257	08
02/02/24 02:45	9.388	8.679	18.067	1.130			5.7	255	09
02/02/24 02:50	9.314	7.992	17.306	1.123			5.5	257	12
02/02/24 02:55	8.320	8.663	16.983	1.160			7.2	254	09
02/02/24 03:00	7.595	7.684	15.279	1.266			6.9	251	09
02/02/24 03:05	7.671	7.781	15.452	1.329			6.6	253	11
02/02/24 03:10	7.684	8.030	15.714	1.440			6.8	249	08
02/02/24 03:15	7.217	7.364	14.581	1.450			7.3	254	07
02/02/24 03:20	7.087	7.184	14.271	1.462			7.9	254	06
02/02/24 03:25	6.371	6.461	12.832	1.459			7.1	251	06
02/02/24 03:30	6.509	8.537	15.046	1.443			6.8	254	06
02/02/24 03:35	6.182	7.077	13.259	1.361			6.9	256	06
02/02/24 03:40	6.029	7.067	13.096	1.383			6.6	254	07
02/02/24 03:45	6.048	6.421	12.468	1.370			6.3	256	09
02/02/24 03:50	6.721	10.917	17.638	1.451			6.3	250	07
02/02/24 03:55	6.985	8.952	15.937	1.452			5.7	252	07
02/02/24 04:00	6.670	7.547	14.217	1.490			6.0	256	08
02/02/24 04:05	6.760	8.826	15.586	1.601			5.7	251	07
02/02/24 04:10	7.465	10.339	17.804	1.663			5.7	248	08
02/02/24 04:15	7.439	9.135	16.574	1.620			6.0	254	08
02/02/24 04:20	7.106	8.534	15.640	1.664			6.1	252	09
02/02/24 04:25	6.564	6.916	13.479	1.676			6.5	253	08
02/02/24 04:30	6.735	8.617	15.351	1.655			6.0	249	08
02/02/24 04:35	7.479	11.359	18.838	1.665			5.9	253	09
02/02/24 04:40	8.633	16.449	25.082	1.639			6.0	254	06
02/02/24 04:45	12.482	17.399	29.880	1.766			5.3	249	08
02/02/24 04:50	13.035	11.291	24.327	1.826			4.9	254	09
02/02/24 04:55	11.869	11.324	23.193	1.959			5.3	255	08
02/02/24 05:00	11.398	10.893	22.291	2.014			5.2	249	09
02/02/24 05:05	9.865	9.170	19.035	2.063			5.3	245	08
02/02/24 05:10	8.648	8.912	17.560	2.132			5.3	248	08
02/02/24 05:15	8.551	9.869	18.420	2.155			5.2	244	08
02/02/24 05:20	5.479	7.760	13.239	2.087			5.7	244	11
02/02/24 05:25	7.235	9.875	17.111	2.041			6.0	249	07
02/02/24 05:30	8.405	9.349	17.753	2.003			5.7	250	06
02/02/24 05:35	10.119	11.510	21.629	2.035			6.2	244	06
02/02/24 05:40	8.647	10.420	19.067	1.993			6.1	246	07
02/02/24 05:45	9.094	10.654	19.748	2.030			5.8	243	07
02/02/24 05:50	22.322	13.575	35.897	2.013			5.8	246	08
02/02/24 05:55	12.480	10.747	23.227	2.026			5.5	244	08
02/02/24 06:00	11.432	8.118	19.549	2.036			5.7	247	07
02/02/24 06:05	13.095	10.602	23.698	2.195			5.5	245	07
02/02/24 06:10	12.076	10.311	22.387	2.230			5.4	246	07
02/02/24 06:15	9.407	8.039	17.446	2.243			5.9	246	08
02/02/24 06:20	10.383	10.603	20.986	2.358			5.7	246	08
02/02/24 06:25	11.270	11.217	22.488	2.450			6.4	243	08
02/02/24 06:30	10.183	9.662	19.844	2.594			6.2	244	07
02/02/24 06:35	7.932	8.332	16.264	2.561			6.4	241	07
02/02/24 06:40	8.111	8.416	16.527	2.507			6.3	243	08
02/02/24 06:45	8.139	7.956	16.095	2.493			6.2	242	08
02/02/24 06:50	13.745	10.604	24.349	2.581			5.2	246	07
02/02/24 06:55	14.913	7.815	22.729	2.696			5.2	241	08
02/02/24 07:00	8.274	5.596	13.870	2.739			5.2	241	09
02/02/24 07:05	6.747	5.258	12.006	2.711			5.9	239	07
02/02/24 07:10	9.887	6.931	16.818	2.703			5.6	250	09
02/02/24 07:15	8.752	4.683	13.435	2.796			6.3	249	09
02/02/24 07:20	8.111	5.310	13.421	2.743			6.5	247	06
02/02/24 07:25	8.106	6.383	14.490	2.766			6.4	247	07
02/02/24 07:30	7.586	4.896	12.481	2.715			6.6	238	08
02/02/24 07:35	3.572	1.595	5.167	2.595			7.0	239	06
02/02/24 07:40	1.974	1.603	3.577	2.397			6.7	240	07
02/02/24 07:45	1.826	1.959	3.785	2.249			7.2	237	07
02/02/24 07:50	1.811	2.112	3.924	2.048			7.3	237	06
02/02/24 07:55	1.656	2.028	3.683	1.855			7.3	236	07
02/02/24 08:00	1.516	1.908	3.425	1.687			7.7	231	07
02/02/24 08:05	1.438	1.859	3.297	1.536			7.2	235	07
02/02/24 08:10	1.392	1.953	3.345	1.382			6.8	235	05
02/02/24 08:15	1.275	1.940	3.215	1.347			7.2	234	07
02/02/24 08:20	1.137	1.872	3.009	1.271			7.1	232	09
02/02/24 08:25	1.090	1.838	2.928	1.201			7.6	230	05
02/02/24 08:30	1.037	1.840	2.877	1.224			7.3	228	09
02/02/24 08:35	1.125	1.777	2.901	1.186			7.8	224	08
02/02/24 08:40	1.100	1.765	2.865	1.117			7.5	229	08
02/02/24 08:45	1.113	1.718	2.831	1.097			7.1	219	10
02/02/24 08:50	0.967	1.616	2.583	1.018			7.6	222	07
02/02/24 08:55	0.765	1.549	2.314	1.051			7.2	222	07
02/02/24 09:00	0.677	1.507	2.184	0.927			7.4	221	06
02/02/24 09:05	1.014	1.587	2.601	0.854			7.0	215	05
02/02/24 09:10	1.308	1.250	2.558	0.748			7.7	219	04
02/02/24 09:15	0.878	0.942	1.820	0.678			7.1	218	05
02/02/24 09:20	0.836	1.002	1.838	0.669			6.4	216	05
02/02/24 09:25	0.956	1.145	2.101	0.650			6.8	215	06
02/02/24 09:30	0.958	1.055	2.013	0.648			6.1	222	13
02/02/24 09:35	0.832	0.850	1.682	0.668			6.3	215	07
02/02/24 09:40	0.620	0.702	1.322	0.657			7.0	220	06
02/02/24 09:45	0.444	0.677	1.121	0.708			6.0	223	08
02/02/24 09:50	0.493	0.700	1.194	0.697			6.4	218	09
02/02/24 09:55	-0.195	1.720	1.525	0.781			6.2	218	10
02/02/24 10:00	0.248	1.005	1.253	0.845			5.9	228	06
02/02/24 10:05	0.196	0.828	1.023	0.761			5.5	221	07
02/02/24 10:10	0.849	0.946	1.795	0.729			4.6	215	08
02/02/24 10:15	0.539	0.795	1.334	0.677			5.4	219	05
02/02/24 10:20	0.485	0.580	1.065	0.609			4.9	214	09
02/02/24 10:25	0.852	0.636	1.488	0.465			5.8	218	12
02/02/24 10:30	0.636	0.435	1.071	0.489			5.5	213	08
02/02/24 10:35	7.079	4.249	11.329	0.508			5.2	208	06
02/02/24 10:40	0.886	0.547	1.434	0.508			5.1	216	06

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/02/24 10:45	2.068	3.531	5.599	0.475			5.0	210	06
02/02/24 10:50	1.836	0.677	2.514	0.444			4.0	215	06
02/02/24 10:55	0.322	0.992	1.314	0.436			4.4	220	06
02/02/24 11:00	0.403	0.886	1.289	0.472			4.3	223	07
02/02/24 11:05	0.516	0.678	1.195	0.460			5.3	214	06
02/02/24 11:10	0.446	0.736	1.182	0.448			5.1	215	08
02/02/24 11:15	0.603	0.946	1.549	0.421			4.1	214	09
02/02/24 11:20	4.028	6.572	10.600	0.377			4.4	206	06
02/02/24 11:25	5.287	3.451	8.737	0.375			5.0	213	10
02/02/24 11:30	9.645	5.443	15.087	0.315			4.5	206	07
02/02/24 11:35	5.638	5.710	11.349	0.350			5.0	209	06
02/02/24 11:40	14.847	8.050	22.897	0.406			5.0	210	05
02/02/24 11:45	1.423	1.882	3.305	0.396			4.9	211	03
02/02/24 11:50	3.887	6.359	10.246	0.453			4.7	209	08
02/02/24 11:55	54.547	5.498	60.046	0.464			3.4	203	12
02/02/24 12:00	7.391	1.783	9.174	0.484			4.3	208	07
02/02/24 12:05	5.379	9.053	14.432	0.419			4.1	199	11
02/02/24 12:10	38.884	21.620	60.504	0.406			3.3	190	12
02/02/24 12:15	36.615	15.613	52.228	0.494			4.1	195	09
02/02/24 12:20	39.670	14.112	53.782	0.622			4.5	194	10
02/02/24 12:25	31.068	8.978	40.046	0.704			3.5	183	16
02/02/24 12:30	46.678	11.451	58.129	0.766			3.6	187	15
02/02/24 12:35	42.238	13.945	56.183	0.791			3.6	186	15
02/02/24 12:40	11.521	3.051	14.572	0.847			3.4	173	18
02/02/24 12:45	36.955	15.832	52.787	0.824			3.4	184	15
02/02/24 12:50	5.739	4.697	10.436	0.769			3.3	179	18
02/02/24 12:55	31.535	10.030	41.565	0.724			3.1	185	16
02/02/24 13:00	17.773	9.039	26.812	0.664			3.1	176	20
02/02/24 13:05	8.790	9.903	18.694	0.526			3.0	171	19
02/02/24 13:10	10.638	4.180	14.818	0.378			2.7	177	21
02/02/24 13:15	13.300	4.766	18.066	0.341			2.8	170	19
02/02/24 13:20	20.383	6.998	27.381	0.352			3.1	184	16
02/02/24 13:25	36.051	8.860	44.911	0.479			3.5	191	13
02/02/24 13:30	36.592	16.091	52.683	0.601			3.7	191	11
02/02/24 13:35	33.664	10.096	43.759	0.647			3.4	181	19
02/02/24 13:40	21.230	8.114	29.344	0.618			3.5	181	16
02/02/24 13:45	19.652	7.591	27.243	0.579			3.9	180	12
02/02/24 13:50	12.064	2.743	14.806	0.549			2.9	172	19
02/02/24 13:55	6.291	3.786	10.077	0.462			3.1	176	20
02/02/24 14:00	15.259	5.357	20.617	0.442			3.1	179	14
02/02/24 14:05	25.500	3.016	28.516	0.421			3.6	185	16
02/02/24 14:10	15.636	6.594	22.230	0.448			3.4	180	17
02/02/24 14:15	29.414	15.688	45.103	0.397			3.3	190	15
02/02/24 14:20	38.523	13.828	52.350	0.444			3.1	188	17
02/02/24 14:25	17.223	6.966	24.189	0.401			3.3	176	15
02/02/24 14:30	10.001	4.235	14.236	0.363			3.1	180	19
02/02/24 14:35	6.074	5.003	11.076	0.295			3.1	177	20
02/02/24 14:40	12.491	12.282	24.773	0.324			3.5	181	21
02/02/24 14:45	14.530	8.145	22.675	0.372			3.4	175	20
02/02/24 14:50	7.166	3.166	10.332	0.335			3.1	172	22
02/02/24 14:55	15.197	8.162	23.359	0.291			4.0	177	16
02/02/24 15:00	18.933	6.553	25.486	0.294			3.1	175	22
02/02/24 15:05	15.080	8.442	23.522	0.314			3.6	180	17
02/02/24 15:10	21.807	8.990	30.797	0.428			3.7	190	15
02/02/24 15:15	31.820	14.450	46.270	0.509			3.3	190	13
02/02/24 15:20	17.803	4.709	22.513	0.555			3.3	176	22
02/02/24 15:25	23.231	7.866	31.098	0.587			3.4	184	17
02/02/24 15:30	38.254	16.936	55.189	0.618			3.3	183	18
02/02/24 15:35	25.267	9.521	34.789	0.666			3.8	182	15
02/02/24 15:40	28.801	8.682	37.483	0.662			3.8	186	15
02/02/24 15:45	19.739	6.766	26.504	0.624			3.8	182	15
02/02/24 15:50	21.422	12.049	33.471	0.638			3.7	188	17
02/02/24 15:55	67.865	14.877	82.742	0.684			4.6	192	13
02/02/24 16:00	13.198	6.033	19.232	0.669			4.7	187	15
02/02/24 16:05	46.585	13.837	60.421	0.732			4.2	190	12
02/02/24 16:10	51.296	8.316	59.612	0.790			4.1	184	15
02/02/24 16:15	39.574	13.681	53.255	0.801			4.3	185	16
02/02/24 16:20	51.725	8.274	59.999	0.792			4.3	187	15
02/02/24 16:25	32.252	13.594	45.846	0.772			4.2	191	16
02/02/24 16:30	53.356	19.872	73.228	0.822			4.2	190	13
02/02/24 16:35	42.063	16.300	58.362	0.880			4.0	183	13
02/02/24 16:40	32.897	14.690	47.587	0.848			4.5	191	13
02/02/24 16:45	31.599	13.697	45.296	0.868			3.8	185	14
02/02/24 16:50	19.122	8.406	27.528	0.779			4.1	186	15
02/02/24 16:55	27.932	11.313	39.245	0.674			3.8	180	14
02/02/24 17:00	35.652	9.563	45.215	0.588			4.0	187	16
02/02/24 17:05	35.996	11.228	47.224	0.674			3.9	186	16
02/02/24 17:10	30.290	10.195	40.485	0.731			3.8	180	16
02/02/24 17:15	21.138	9.526	30.664	0.681			3.8	178	17
02/02/24 17:20	30.857	10.512	41.369	0.608			3.7	183	19
02/02/24 17:25	36.309	16.913	53.222	0.619			4.4	184	15
02/02/24 17:30	24.656	6.635	31.290	0.693			3.7	186	15
02/02/24 17:35	50.827	13.997	64.825	0.749			3.7	188	14
02/02/24 17:40	53.324	14.764	68.087	0.747			3.5	183	17
02/02/24 17:45	66.404	12.440	78.844	0.796			3.9	187	16
02/02/24 17:50	64.178	17.837	82.016	0.836			4.6	194	09
02/02/24 17:55	55.595	20.905	76.500	0.867			5.3	193	13
02/02/24 18:00	12.593	12.439	25.031	0.798			3.8	175	17
02/02/24 18:05	49.049	12.827	61.875	0.778			4.2	189	14
02/02/24 18:10	83.215	0.878	84.093	0.883			3.6	184	16
02/02/24 18:15	135.863	6.783	142.645	1.005			5.5	189	10
02/02/24 18:20	67.436	17.524	84.960	1.109			4.1	184	14
02/02/24 18:25	5.998	4.304	10.302	0.988			3.4	180	17
02/02/24 18:30	0.974	2.667	3.641	0.918			4.2	184	12
02/02/24 18:35	1.268	3.648	4.916	0.820			4.1	189	12
02/02/24 18:40	1.375	3.034	4.409	0.699			4.0	186	14
02/02/24 18:45	1.685	5.422	7.107	0.649			4.1	189	14
02/02/24 18:50	1.545	3.420	4.965	0.663			4.7	193	09
02/02/24 18:55	1.205	2.595	3.800	0.692			5.3	194	08
02/02/24 19:00	1.098	3.570	4.668	0.658			4.6	193	10
02/02/24 19:05	1.148	4.214	5.362	0.602			4.6	194	09
02/02/24 19:10	0.944	4.491	5.435	0.581			5.3	195	09
02/02/24 19:15	0.804	4.928	5.733	0.596			4.8	196	09
02/02/24 19:20	0.675	5.020	5.695	0.514			5.2	195	08

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/02/24 19:25	0.582	5.077	5.659	0.453			4.5	193	09
02/02/24 19:30	0.505	5.037	5.543	0.470			4.7	193	10
02/02/24 19:35	0.441	4.828	5.269	0.412			4.5	191	09
02/02/24 19:40	0.474	4.846	5.319	0.426			4.8	195	09
02/02/24 19:45	0.473	5.186	5.659	0.418			5.0	195	10
02/02/24 19:50	0.346	5.541	5.886	0.373			4.9	197	09
02/02/24 19:55	0.267	5.442	5.709	0.367			4.6	194	09
02/02/24 20:00	0.248	5.046	5.294	0.287			4.5	196	08
02/02/24 20:05	0.193	4.774	4.968	0.234			4.0	190	10
02/02/24 20:10	0.097	4.566	4.663	0.192			4.2	196	08
02/02/24 20:15	0.103	4.281	4.384	0.200			4.1	193	09
02/02/24 20:20	0.031	3.847	3.878	0.313			4.5	194	08
02/02/24 20:25	-0.042	3.639	3.597	0.373			3.7	185	12
02/02/24 20:30	0.010	3.420	3.430	0.429			3.8	193	11
02/02/24 20:35	0.113	3.013	3.125	0.429			3.6	191	09
02/02/24 20:40	0.180	2.678	2.858	0.448			4.0	195	10
02/02/24 20:45	0.202	2.942	3.144	0.468			3.7	191	10
02/02/24 20:50	0.152	3.132	3.284	0.513			3.8	192	09
02/02/24 20:55	0.176	2.933	3.108	0.413			3.9	190	11
02/02/24 21:00	0.157	2.754	2.911	0.363			3.0	188	14
02/02/24 21:05	0.113	2.953	3.066	0.299			3.6	190	11
02/02/24 21:10	0.141	2.908	3.049	0.302			3.9	186	12
02/02/24 21:15	0.153	2.916	3.070	0.312			3.2	188	14
02/02/24 21:20	0.171	2.971	3.142	0.394			3.1	189	12
02/02/24 21:25	0.170	2.703	2.873	0.374			3.1	190	13
02/02/24 21:30	0.157	2.260	2.417	0.345			2.9	188	11
02/02/24 21:35	0.163	1.860	2.023	0.342			2.5	182	11
02/02/24 21:40	0.183	1.523	1.706	0.262			3.3	189	10
02/02/24 21:45	0.100	1.305	1.405	0.236			2.9	187	12
02/02/24 21:50	-0.012	1.145	1.133	0.264			3.0	188	10
02/02/24 21:55	-0.051	1.099	1.048	0.275			2.4	174	24
02/02/24 22:00	-0.070	0.948	0.878	0.260			2.1	160	25
02/02/24 22:05	0.013	1.040	1.053	0.245			2.2	100	17
02/02/24 22:10	0.321	1.916	2.237	0.310			2.4	89	08
02/02/24 22:15	0.274	3.002	3.276	0.275			2.5	88	07
02/02/24 22:20	0.440	4.892	5.332	0.333			2.1	89	06
02/02/24 22:25	0.436	4.545	4.980	0.426			2.4	82	11
02/02/24 22:30	0.430	4.415	4.844	0.402			2.5	84	09
02/02/24 22:35	0.398	4.370	4.768	0.432			2.4	90	07
02/02/24 22:40	0.413	4.324	4.738	0.515			2.4	77	10
02/02/24 22:45	0.336	4.265	4.600	0.444			2.2	85	09
02/02/24 22:50	0.249	4.201	4.451	0.414			2.1	93	08
02/02/24 22:55	0.303	4.159	4.462	0.363			1.9	84	12
02/02/24 23:00	0.296	4.177	4.472	0.389			1.7	84	09
02/02/24 23:05	0.197	4.189	4.386	0.314			1.4	85	14
02/02/24 23:10	0.237	4.285	4.522	0.309			1.5	78	11
02/02/24 23:15	0.272	4.321	4.593	0.374			1.5	84	13
02/02/24 23:20	0.168	4.308	4.476	0.308			2.0	90	08
02/02/24 23:25	0.166	4.137	4.303	0.313			2.0	96	07
02/02/24 23:30	0.149	4.008	4.157	0.317			1.6	89	13
02/02/24 23:35	0.211	3.965	4.176	0.351			1.9	92	13
02/02/24 23:40	0.217	4.048	4.265	0.319			1.8	83	13
02/02/24 23:45	0.151	4.012	4.162	0.334			1.9	80	11
02/02/24 23:50	0.206	3.908	4.114				1.8	86	11
02/02/24 23:55	0.205	3.828	4.033				2.1	80	09
03/02/24 00:00	0.097	3.851	3.948	0.312			1.9	84	11
03/02/24 00:05	0.045	3.788	3.833	0.309			2.3	79	10
03/02/24 00:10	0.054	3.623	3.677	0.264			2.1	86	09
03/02/24 00:15	-0.003	3.650	3.647	0.188			1.7	81	12
03/02/24 00:20	0.023	3.691	3.714	0.103			2.0	82	09
03/02/24 00:25	-0.028	3.667	3.639	0.099			1.7	82	14
03/02/24 00:30	0.028	3.595	3.623	0.112			1.7	85	19
03/02/24 00:35	0.030	3.720	3.750	0.062			1.7	86	15
03/02/24 00:40	0.040	3.879	3.918	0.112			1.8	83	11
03/02/24 00:45	0.081	3.935	4.015	0.158			1.5	76	13
03/02/24 00:50	0.044	4.082	4.126	0.082			1.5	76	15
03/02/24 00:55	0.113	4.271	4.384	0.071			1.5	83	13
03/02/24 01:00	0.076	4.416	4.492	0.116			1.7	71	12
03/02/24 01:05							1.6	78	12
03/02/24 01:10							1.5	76	11
03/02/24 01:15							1.6	67	09
03/02/24 01:20							1.3	71	15
03/02/24 01:25							1.5	59	12
03/02/24 01:30							1.8	48	10
03/02/24 01:35							1.6	46	08
03/02/24 01:40							1.6	43	06
03/02/24 01:45							1.5	43	08
03/02/24 01:50							1.6	45	08
03/02/24 01:55							1.4	43	10
03/02/24 02:00							1.6	41	06
03/02/24 02:05	0.372	7.764	8.136	0.047			1.8	42	08
03/02/24 02:10	0.551	9.716	10.267	0.010			1.3	34	10
03/02/24 02:15	0.815	10.619	11.434	0.063			1.0	39	13
03/02/24 02:20	0.991	10.887	11.878	0.059			0.9	38	13
03/02/24 02:25	1.029	10.738	11.767	0.117			0.8	346	22
03/02/24 02:30	7.805	15.493	23.298	0.140			0.5	357	24
03/02/24 02:35	25.040	17.092	42.131	0.163			1.1	330	28
03/02/24 02:40	30.616	16.593	47.209	0.293			1.2	10	23
03/02/24 02:45	37.469	17.220	54.689	0.406			1.1	355	23
03/02/24 02:50	40.150	16.806	56.956	0.447			0.8	348	35
03/02/24 02:55	30.174	17.626	47.800	0.601			1.1	328	26
03/02/24 03:00	21.735	15.880	37.615	0.676			1.0	330	32
03/02/24 03:05	40.026	13.355	53.381	0.783			1.0	336	29
03/02/24 03:10	47.212	15.793	63.005	0.934			1.1	336	27
03/02/24 03:15	35.215	19.396	54.611	0.913			1.0	329	27
03/02/24 03:20	45.662	13.946	59.608	0.949			1.1	335	22
03/02/24 03:25	59.615	16.068	75.682	1.067			1.4	330	22
03/02/24 03:30	69.254	15.671	84.925	1.331			1.2	334	27
03/02/24 03:35	72.728	15.863	88.590	1.603			1.0	325	24
03/02/24 03:40	64.440	13.578	78.019	1.694			1.0	320	23
03/02/24 03:45	51.862	16.439	68.301	1.734			1.2	319	15
03/02/24 03:50	55.005	17.051	72.056	1.795			1.2	322	17
03/02/24 03:55	63.273	15.033	78.306	1.907			0.9	335	23
03/02/24 04:00	61.915	15.648	77.563	2.105			0.8	318	24

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/02/24 04:05	54.025	17.765	71.790	2.266			1.2	324	18
03/02/24 04:10	51.593	14.330	65.923	2.371			1.0	336	24
03/02/24 04:15	43.027	13.624	56.652	2.376			0.9	355	27
03/02/24 04:20	38.518	16.002	54.521	2.340			0.9	355	26
03/02/24 04:25	38.818	15.791	54.609	2.303			1.3	360	21
03/02/24 04:30	37.711	16.079	53.790	2.129			1.5	2	14
03/02/24 04:35	31.478	19.346	50.824	1.968			1.8	1	14
03/02/24 04:40	16.011	15.072	31.083	1.899			1.7	1	14
03/02/24 04:45	10.026	15.173	25.200	1.793			1.6	360	15
03/02/24 04:50	7.084	13.916	21.000	1.567			1.9	4	15
03/02/24 04:55	5.742	13.026	18.768	1.334			2.1	358	15
03/02/24 05:00	4.652	13.057	17.709	1.312			2.2	356	18
03/02/24 05:05	4.104	13.049	17.152	1.234			1.7	1	21
03/02/24 05:10	3.971	13.057	17.029	1.143			1.5	0	21
03/02/24 05:15	3.871	13.086	16.957	1.007			1.7	358	17
03/02/24 05:20	3.799	13.150	16.949	1.120			1.0	351	28
03/02/24 05:25	3.955	13.255	17.210	1.115			1.1	343	24
03/02/24 05:30	4.289	13.335	17.624	1.036			1.3	2	22
03/02/24 05:35	4.048	13.281	17.329	0.937			1.7	12	13
03/02/24 05:40	4.641	13.221	17.861	0.997			1.5	14	14
03/02/24 05:45	6.205	12.585	18.790	1.022			1.2	14	20
03/02/24 05:50	5.838	13.144	18.982	1.032			1.4	13	20
03/02/24 05:55	6.297	13.347	19.644	0.952			1.2	8	19
03/02/24 06:00	6.999	13.635	20.634	0.866			1.1	354	29
03/02/24 06:05	7.528	13.697	21.225	0.836			1.0	8	25
03/02/24 06:10	7.854	13.617	21.472	0.891			1.3	2	18
03/02/24 06:15	8.032	13.376	21.408	0.948			1.3	6	13
03/02/24 06:20	8.592	13.086	21.678	1.065			1.1	8	20
03/02/24 06:25	9.432	12.616	22.048	1.018			1.6	25	18
03/02/24 06:30	9.693	12.017	21.711	1.083			2.1	16	11
03/02/24 06:35	10.145	11.459	21.604	1.116			1.4	25	25
03/02/24 06:40	10.181	11.030	21.210	1.080			1.3	41	23
03/02/24 06:45	10.859	10.642	21.500	1.013			1.3	57	19
03/02/24 06:50	12.176	10.114	22.290	1.041			1.4	59	13
03/02/24 06:55	13.481	9.605	23.087	1.166			1.2	64	15
03/02/24 07:00	13.731	9.725	23.457	1.171			0.7	24	35
03/02/24 07:05	13.194	9.637	22.831	1.131			1.8	7	21
03/02/24 07:10	12.110	9.348	21.458	1.070			1.8	16	16
03/02/24 07:15	11.466	9.100	20.566	1.005			2.2	5	12
03/02/24 07:20	10.967	8.797	19.764	1.028			2.6	9	13
03/02/24 07:25	11.121	8.546	19.666	1.002			2.8	11	13
03/02/24 07:30	10.892	8.552	19.445	0.906			2.5	9	22
03/02/24 07:35	10.828	8.522	19.350	0.891			3.0	5	14
03/02/24 07:40	11.113	8.606	19.719	0.884			2.9	16	16
03/02/24 07:45	11.195	8.739	19.934	0.875			2.4	7	19
03/02/24 07:50	11.255	8.572	19.827	0.703			2.4	4	16
03/02/24 07:55	11.358	8.673	20.031	0.703			1.9	15	20
03/02/24 08:00	11.412	8.694	20.106	0.718			2.2	1	17
03/02/24 08:05	10.828	8.336	19.164	0.597			2.4	5	23
03/02/24 08:10	10.832	8.311	19.143	0.604			2.3	7	18
03/02/24 08:15	10.779	7.059	17.839	0.694			2.1	2	22
03/02/24 08:20	10.761	8.121	18.882	0.820			1.5	349	32
03/02/24 08:25	10.643	8.095	18.738	0.730			1.8	6	23
03/02/24 08:30	11.735	9.428	21.163	0.811			1.0	18	42
03/02/24 08:35	11.789	9.017	20.806	0.843			1.1	29	35
03/02/24 08:40	11.462	9.503	20.966	0.839			2.3	34	13
03/02/24 08:45	11.324	9.728	21.052	0.833			2.0	32	17
03/02/24 08:50	10.710	9.882	20.592	0.748			2.0	19	14
03/02/24 08:55	10.430	9.622	20.052	0.597			2.1	22	13
03/02/24 09:00	10.349	9.471	19.820	0.589			1.2	15	37
03/02/24 09:05	10.467	9.581	20.048	0.567			1.3	45	23
03/02/24 09:10	11.086	10.254	21.340	0.514			1.3	54	30
03/02/24 09:15	11.206	10.668	21.874	0.418			1.1	46	39
03/02/24 09:20	10.659	10.589	21.247	0.291			0.6	4	52
03/02/24 09:25	10.346	10.438	20.784	0.367			1.2	35	21
03/02/24 09:30	10.226	10.435	20.662	0.445			1.5	36	21
03/02/24 09:35	9.858	10.449	20.307	0.520			0.6	25	55
03/02/24 09:40	14.216	13.357	27.573	0.490			0.3	309	86
03/02/24 09:45	7.980	10.348	18.329	0.445			0.7	118	46
03/02/24 09:50	9.807	11.415	21.221	0.412			0.8	84	63
03/02/24 09:55	9.249	10.094	19.343	0.355			0.6	67	46
03/02/24 10:00	14.470	14.282	28.752	0.446			0.9	201	33
03/02/24 10:05	10.314	10.236	20.549	0.509			1.6	112	20
03/02/24 10:10	11.200	11.757	22.957	0.567			1.3	185	27
03/02/24 10:15	11.969	12.559	24.528	0.535			1.3	162	25
03/02/24 10:20	16.031	16.068	32.099	0.424			1.3	178	28
03/02/24 10:25	12.609	16.091	28.700	0.523			1.3	178	27
03/02/24 10:30	13.771	13.088	26.859	0.745			1.4	146	24
03/02/24 10:35	12.066	12.493	24.560	0.864			1.2	157	28
03/02/24 10:40	10.270	11.998	22.268	0.980			2.2	141	13
03/02/24 10:45	9.749	11.549	21.297	0.848			2.0	143	17
03/02/24 10:50	9.479	11.469	20.947	0.683			1.6	150	21
03/02/24 10:55	8.920	11.081	20.001	0.654			1.2	161	31
03/02/24 11:00	7.007	10.050	17.058	0.511			1.5	153	24
03/02/24 11:05	6.058	9.478	15.536	0.474			2.5	139	11
03/02/24 11:10	5.550	9.435	14.985	0.437			2.1	134	10
03/02/24 11:15	23.761	17.952	41.713	0.474			1.8	129	15
03/02/24 11:20	5.559	9.460	15.020	0.459			2.5	138	16
03/02/24 11:25	5.662	9.574	15.236	0.406			1.8	152	25
03/02/24 11:30	4.827	9.298	14.125	0.416			1.5	148	28
03/02/24 11:35	4.991	9.503	14.495	0.341			1.5	167	27
03/02/24 11:40	5.194	8.583	13.776	0.387			2.1	164	21
03/02/24 11:45	3.726	11.459	15.185	0.288			2.5	181	16
03/02/24 11:50	9.862	17.858	27.719	0.723			2.6	185	14
03/02/24 11:55	17.041	17.166	34.207	1.548			2.3	185	18
03/02/24 12:00	10.994	12.623	23.616	1.691			2.5	181	15
03/02/24 12:05	8.018	11.648	19.667	1.501			2.8	178	18
03/02/24 12:10	12.492	14.713	27.205	1.594			2.8	190	12
03/02/24 12:15	16.404	18.733	35.137	2.148			3.0	186	15
03/02/24 12:20	7.690	10.687	18.377	1.840			2.9	170	15
03/02/24 12:25	6.593	9.265	15.857	1.474			2.6	178	18
03/02/24 12:30	4.348	7.061	11.409	1.153			2.5	167	19
03/02/24 12:35	3.507	6.280	9.787	0.948			2.3	170	24
03/02/24 12:40	3.943	8.554	12.496	0.972			2.4	170	19

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/02/24 12:45	4.156	8.991	13.148	0.997			2.3	164	21
03/02/24 12:50	4.548	9.463	14.011	0.907			2.5	164	21
03/02/24 12:55	3.160	6.991	10.151	0.938			2.0	163	25
03/02/24 13:00	2.848	15.736	18.585	0.903			2.0	167	22
03/02/24 13:05	16.923	28.397	45.320	1.176			2.3	176	19
03/02/24 13:10	17.453	20.468	37.921	1.824			2.0	164	23
03/02/24 13:15	12.758	20.517	33.275	1.868			1.6	154	27
03/02/24 13:20	11.282	15.691	26.973	1.803			1.4	166	31
03/02/24 13:25	8.448	15.257	23.705	1.716			1.4	157	29
03/02/24 13:30	7.011	12.698	19.708	1.564			1.9	149	26
03/02/24 13:35	8.658	15.677	24.335	1.487			1.9	130	14
03/02/24 13:40	9.305	15.067	24.372	1.438			2.0	138	20
03/02/24 13:45	9.354	15.759	25.113	1.460			1.6	158	26
03/02/24 13:50	7.328	15.338	22.666	1.538			1.3	162	30
03/02/24 13:55	6.590	15.172	21.762	1.584			2.4	167	18
03/02/24 14:00	6.303	14.334	20.637	1.537			2.4	165	18
03/02/24 14:05	5.935	13.366	19.301	1.449			1.5	158	25
03/02/24 14:10	5.936	13.438	19.374	1.415			1.2	151	33
03/02/24 14:15	5.216	11.167	16.384	1.276			1.2	166	28
03/02/24 14:20	4.920	11.118	16.038	1.130			1.4	145	28
03/02/24 14:25	4.628	8.586	13.215	1.110			1.4	154	33
03/02/24 14:30	3.741	3.276	7.018	1.020			1.2	167	30
03/02/24 14:35	3.168	3.781	6.948	0.726			1.3	163	29
03/02/24 14:40	2.820	4.506	7.326	0.763			1.1	162	32
03/02/24 14:45	2.323	4.617	6.940	0.797			1.9	165	18
03/02/24 14:50	3.133	14.272	17.405	0.734			2.3	179	18
03/02/24 14:55	14.256	39.127	53.383	0.835			2.3	170	18
03/02/24 15:00	8.254	15.253	23.507	0.788			2.1	170	17
03/02/24 15:05	5.561	14.513	20.074	0.770			1.9	163	21
03/02/24 15:10	5.658	13.756	19.414	0.658			2.3	172	15
03/02/24 15:15	19.779	29.426	49.205	0.414			2.2	174	15
03/02/24 15:20	64.357	37.746	102.102	0.514			2.3	173	13
03/02/24 15:25	87.612	48.454	136.066	0.782			2.4	170	15
03/02/24 15:30	65.241	49.696	114.937	0.884			2.4	170	13
03/02/24 15:35	66.287	43.597	109.884	0.837			2.6	171	15
03/02/24 15:40	80.362	42.861	123.224	0.811			2.6	173	11
03/02/24 15:45	53.061	33.383	86.443	1.018			3.0	175	17
03/02/24 15:50	27.759	28.268	56.028	1.011			2.3	174	16
03/02/24 15:55	42.319	39.797	82.116	0.986			2.8	171	11
03/02/24 16:00	68.634	47.969	116.603	1.084			3.1	166	13
03/02/24 16:05	64.081	41.728	105.809	0.925			3.2	171	15
03/02/24 16:10	33.944	30.725	64.669	0.862			2.8	176	16
03/02/24 16:15	19.304	25.988	45.292	0.760			2.4	178	19
03/02/24 16:20	22.681	31.189	53.870	0.919			2.7	182	17
03/02/24 16:25	19.992	28.216	48.208	1.025			3.0	176	13
03/02/24 16:30	17.777	30.425	48.202	0.978			2.8	185	16
03/02/24 16:35	15.294	25.122	40.416	1.048			3.9	198	11
03/02/24 16:40	19.869	14.335	34.203	1.543			5.3	195	10
03/02/24 16:45	19.367	14.473	33.840	2.421			5.4	196	12
03/02/24 16:50	20.905	17.820	38.726	2.584			5.7	195	09
03/02/24 16:55	28.118	14.507	42.625	3.012			5.0	195	12
03/02/24 17:00	29.268	22.378	51.647	3.826			4.6	195	10
03/02/24 17:05	18.366	13.206	31.573	4.577			5.1	197	09
03/02/24 17:10	40.044	22.683	62.727	5.154			4.7	193	12
03/02/24 17:15	81.774	31.274	113.047	8.073			4.5	192	13
03/02/24 17:20	89.973	39.011	128.984	8.525			3.3	193	16
03/02/24 17:25	52.805	27.374	80.179	7.760			2.6	192	22
03/02/24 17:30	88.029	29.901	117.930	8.128			2.8	192	19
03/02/24 17:35	41.144	18.023	59.167	8.216			2.3	185	23
03/02/24 17:40	40.897	22.371	63.267	6.604			2.2	183	25
03/02/24 17:45	32.991	18.909	51.900	4.765			3.0	188	18
03/02/24 17:50	38.961	21.887	60.848	4.104			2.4	180	17
03/02/24 17:55	40.737	18.522	59.259	3.671			2.7	192	15
03/02/24 18:00	19.334	6.407	25.742	3.582			3.9	198	08
03/02/24 18:05	7.352	7.285	14.636	3.188			4.0	196	10
03/02/24 18:10	15.612	9.120	24.731	2.884			4.0	199	12
03/02/24 18:15	4.553	5.289	9.842	2.455			4.0	198	10
03/02/24 18:20	2.204	3.158	5.362	1.974			4.1	203	10
03/02/24 18:25	1.774	0.646	2.420	1.649			4.9	210	07
03/02/24 18:30	3.714	6.520	10.234	1.549			3.9	202	11
03/02/24 18:35	4.651	6.240	10.891	1.564			3.8	204	10
03/02/24 18:40	4.165	4.756	8.921	1.401			3.8	202	11
03/02/24 18:45	2.767	2.729	5.496	1.273			4.7	208	08
03/02/24 18:50	1.772	3.106	4.878	1.294			4.5	206	09
03/02/24 18:55	4.585	12.138	16.723	1.270			3.9	205	12
03/02/24 19:00	7.125	9.439	16.563	1.287			4.3	206	12
03/02/24 19:05	3.662	3.697	7.359	1.261			5.0	209	10
03/02/24 19:10	4.103	5.357	9.460	1.254			4.6	205	10
03/02/24 19:15	5.509	3.122	8.631	1.196			4.3	206	09
03/02/24 19:20	6.338	5.291	11.629	1.218			3.8	204	12
03/02/24 19:25	6.935	7.808	14.743	1.105			4.4	209	10
03/02/24 19:30	2.263	5.753	8.016	0.946			5.3	210	08
03/02/24 19:35	1.064	5.566	6.630	0.998			5.9	213	05
03/02/24 19:40	0.848	5.766	6.613	0.962			4.7	210	09
03/02/24 19:45	0.857	5.711	6.568	0.913			5.4	215	07
03/02/24 19:50	0.702	5.481	6.182	0.907			5.6	215	07
03/02/24 19:55	0.563	6.048	6.612	0.882			5.8	215	04
03/02/24 20:00	0.408	5.208	5.616	0.799			5.4	214	05
03/02/24 20:05	0.328	3.698	4.026	0.642			4.9	218	08
03/02/24 20:10	0.312	2.606	2.918	0.500			5.8	218	05
03/02/24 20:15	0.289	2.250	2.539	0.429			5.1	215	05
03/02/24 20:20	0.244	2.837	3.081	0.525			5.5	213	06
03/02/24 20:25	0.395	3.499	3.893	0.459			4.8	207	09
03/02/24 20:30	0.744	4.006	4.750	0.400			4.6	208	09
03/02/24 20:35	2.350	11.533	13.883	0.388			4.0	203	12
03/02/24 20:40	15.652	10.855	26.508	0.550			4.0	201	11
03/02/24 20:45	13.798	8.450	22.249	0.691			3.7	198	11
03/02/24 20:50	10.846	4.951	15.797	0.801			3.9	197	11
03/02/24 20:55	3.856	5.101	8.957	0.952			3.8	196	10
03/02/24 21:00	4.821	6.285	11.106	0.980			3.9	196	12
03/02/24 21:05	2.404	3.686	6.090	0.955			4.2	197	09
03/02/24 21:10	1.599	2.272	3.872	0.972			3.9	198	10
03/02/24 21:15	2.147	3.122	5.269	0.802			3.7	196	08
03/02/24 21:20	2.265	1.390	3.656	0.718			4.0	195	11

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/02/24 21:25	6.451	3.843	10.294	0.730			4.1	195	08
03/02/24 21:30	6.355	5.371	11.726	0.717			3.7	196	10
03/02/24 21:35	4.124	3.912	8.036	0.709			3.5	194	09
03/02/24 21:40	2.578	3.314	5.892	0.713			3.0	192	11
03/02/24 21:45	3.151	7.663	10.814	0.739			3.2	192	11
03/02/24 21:50	2.527	4.315	6.843	0.774			2.0	187	16
03/02/24 21:55	1.122	2.619	3.741	0.844			1.9	159	28
03/02/24 22:00	0.502	2.729	3.230	0.816			1.9	131	17
03/02/24 22:05	0.569	3.146	3.715	0.768			2.2	143	19
03/02/24 22:10	0.482	3.054	3.536	0.678			1.4	136	27
03/02/24 22:15	0.325	2.974	3.299	0.611			1.9	149	22
03/02/24 22:20	0.292	2.936	3.228	0.610			1.1	132	27
03/02/24 22:25	0.180	3.119	3.299	0.683			1.0	123	24
03/02/24 22:30	0.078	3.217	3.294	0.631			1.4	118	17
03/02/24 22:35	0.054	3.207	3.261	0.589			1.2	129	19
03/02/24 22:40	0.034	3.251	3.285	0.461			1.0	112	17
03/02/24 22:45	0.011	3.802	3.813	0.489			1.7	97	07
03/02/24 22:50	1.058	5.175	6.232	0.535			1.4	86	10
03/02/24 22:55	0.647	6.633	7.280	0.540			1.6	91	11
03/02/24 23:00	0.566	6.932	7.499	0.529			2.0	108	06
03/02/24 23:05	0.525	6.935	7.460	0.451			1.9	91	08
03/02/24 23:10	0.918	6.971	7.889	0.390			2.0	100	08
03/02/24 23:15	0.685	7.441	8.126	0.267			1.7	97	07
03/02/24 23:20	0.453	7.208	7.661	0.243			2.1	98	07
03/02/24 23:25	0.509	6.968	7.477	0.285			2.1	95	10
03/02/24 23:30	0.471	6.982	7.453	0.284			2.0	96	08
03/02/24 23:35	0.652	6.975	7.627	0.284			1.8	101	07
03/02/24 23:40	0.625	6.945	7.570	0.244			2.0	103	06
03/02/24 23:45	0.469	6.999	7.468	0.191			2.0	105	06
03/02/24 23:50	0.328	7.205	7.532				2.3	103	06
03/02/24 23:55	0.329	7.222	7.551				2.5	102	06
04/02/24 00:00	0.221	7.045	7.266	0.095			2.0	99	09
04/02/24 00:05	0.416	6.957	7.374	0.190			1.9	95	11
04/02/24 00:10	0.345	6.813	7.159	0.203			1.7	92	09
04/02/24 00:15	0.280	6.685	6.964	0.173			2.0	97	10
04/02/24 00:20	0.208	6.465	6.673	0.199			2.4	98	06
04/02/24 00:25	0.102	6.457	6.558	0.205			1.9	104	10
04/02/24 00:30	0.035	6.634	6.669	0.222			1.9	102	08
04/02/24 00:35	1.486	6.641	8.127	0.230			2.0	96	09
04/02/24 00:40	1.161	6.913	8.074	0.257			2.1	92	08
04/02/24 00:45	0.230	7.419	7.649	0.291			1.8	89	12
04/02/24 00:50	0.070	7.309	7.380	0.211			1.7	83	12
04/02/24 00:55	-0.035	7.304	7.269	0.059			1.7	79	09
04/02/24 01:00	-0.035	7.319	7.284	0.120			1.9	78	10
04/02/24 01:05							1.5	74	11
04/02/24 01:10							1.5	91	11
04/02/24 01:15							1.6	89	11
04/02/24 01:20							1.6	95	06
04/02/24 01:25							1.4	104	10
04/02/24 01:30							1.4	110	10
04/02/24 01:35							1.6	92	09
04/02/24 01:40							1.8	96	05
04/02/24 01:45							1.4	79	12
04/02/24 01:50							1.2	69	13
04/02/24 01:55							1.4	66	13
04/02/24 02:00							1.7	66	11
04/02/24 02:05	0.211	8.338	8.549	0.224			1.4	86	12
04/02/24 02:10	0.164	8.416	8.581	0.218			1.6	94	09
04/02/24 02:15	0.162	8.735	8.896	0.220			1.8	97	05
04/02/24 02:20	0.174	9.725	9.899	0.270			1.6	93	07
04/02/24 02:25	0.208	10.389	10.597	0.302			1.3	86	10
04/02/24 02:30	0.208	10.674	10.882	0.297			1.3	83	12
04/02/24 02:35	0.187	10.652	10.839	0.226			1.7	82	09
04/02/24 02:40	0.193	10.782	10.975	0.274			1.6	84	11
04/02/24 02:45	0.207	11.103	11.310	0.295			1.4	87	09
04/02/24 02:50	0.189	10.936	11.126	0.304			1.5	86	10
04/02/24 02:55	0.183	10.835	11.019	0.351			1.6	84	09
04/02/24 03:00	0.291	11.010	11.301	0.340			1.7	82	12
04/02/24 03:05	0.341	11.288	11.629	0.340			2.1	84	10
04/02/24 03:10	0.308	11.159	11.467	0.327			1.8	72	12
04/02/24 03:15	0.249	10.869	11.119	0.278			1.2	54	18
04/02/24 03:20	0.294	10.544	10.838	0.314			1.2	53	12
04/02/24 03:25	0.265	10.171	10.436	0.296			1.4	68	11
04/02/24 03:30	0.134	9.765	9.899	0.330			1.1	74	11
04/02/24 03:35	0.113	9.428	9.540	0.320			0.8	73	09
04/02/24 03:40	0.006	9.320	9.326	0.362			0.8	61	11
04/02/24 03:45	-0.064	9.403	9.339	0.325			0.9	48	09
04/02/24 03:50	-0.003	9.426	9.423	0.227			0.8	53	08
04/02/24 03:55	0.087	9.401	9.488	0.134			0.5	14	23
04/02/24 04:00	0.186	9.560	9.746	0.150			0.7	360	15
04/02/24 04:05	0.272	9.731	10.004	0.222			0.5	328	17
04/02/24 04:10	0.385	10.181	10.566	0.264			0.6	314	11
04/02/24 04:15	0.417	11.227	11.644	0.241			0.6	279	33
04/02/24 04:20	0.701	12.035	12.736	0.281			1.1	297	15
04/02/24 04:25	1.214	12.722	13.937	0.219			0.7	298	10
04/02/24 04:30	1.655	13.280	14.935	0.300			0.7	302	11
04/02/24 04:35	2.131	13.721	15.852	0.224			0.7	317	10
04/02/24 04:40	2.586	13.843	16.429	0.292			1.0	352	15
04/02/24 04:45	2.812	13.828	16.640	0.416			0.4	326	25
04/02/24 04:50	2.881	13.752	16.632	0.522			0.5	336	18
04/02/24 04:55	3.030	13.801	16.831	0.572			0.3	24	16
04/02/24 05:00	3.358	13.749	17.107	0.535			0.3	4	16
04/02/24 05:05	3.721	13.810	17.530	0.518			1.4	0	06
04/02/24 05:10	4.046	13.867	17.913	0.464			1.4	354	16
04/02/24 05:15	25.034	4.418	29.452	0.499			1.4	332	16
04/02/24 05:20	30.076	14.845	44.921	0.629			0.6	307	32
04/02/24 05:25	30.724	15.232	45.957	0.703			1.0	308	17
04/02/24 05:30	30.417	15.218	45.635	0.714			0.9	314	17
04/02/24 05:35	28.592	15.332	43.924	0.736			1.2	344	19
04/02/24 05:40	26.460	14.307	40.767	0.801			1.0	9	23
04/02/24 05:45	25.483	14.240	39.723	0.908			1.6	351	20
04/02/24 05:50	24.853	14.631	39.484	0.863			0.8	339	27
04/02/24 05:55	23.390	13.789	37.179	0.805			1.1	357	31
04/02/24 06:00	17.073	13.502	30.575	0.799			1.1	323	26

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/02/24 06:05	9.709	12.437	22.146	0.896			0.9	324	30
04/02/24 06:10	8.797	12.716	21.514	0.881			1.2	326	22
04/02/24 06:15	9.059	12.419	21.478	0.865			1.3	322	22
04/02/24 06:20	8.622	12.035	20.657	0.858			1.4	317	16
04/02/24 06:25	8.608	11.776	20.384	0.859			1.0	331	23
04/02/24 06:30	8.695	11.618	20.313	0.796			0.8	348	33
04/02/24 06:35	8.982	11.600	20.582	0.771			1.1	349	25
04/02/24 06:40	9.508	11.674	21.181	0.808			0.6	337	36
04/02/24 06:45	9.915	11.671	21.586	0.842			0.7	318	34
04/02/24 06:50	10.249	11.683	21.932	0.861			0.6	315	43
04/02/24 06:55	10.634	11.765	22.399	0.882			0.6	317	41
04/02/24 07:00	10.824	11.827	22.651	0.856			0.9	22	32
04/02/24 07:05	10.742	11.719	22.461	0.908			0.8	354	45
04/02/24 07:10	10.741	11.618	22.358	0.915			0.8	352	31
04/02/24 07:15	10.652	11.497	22.149	0.843			1.1	13	30
04/02/24 07:20	10.413	11.357	21.770	0.870			1.5	22	18
04/02/24 07:25	10.185	11.138	21.322	0.920			1.0	13	24
04/02/24 07:30	9.983	11.007	20.990	0.912			1.2	30	27
04/02/24 07:35	10.205	11.059	21.265	1.004			1.1	31	24
04/02/24 07:40	10.663	11.160	21.823	0.982			0.9	72	31
04/02/24 07:45	10.991	11.389	22.380	0.990			0.8	116	17
04/02/24 07:50	11.023	11.698	22.720	0.995			0.6	148	31
04/02/24 07:55	10.785	11.710	22.496	0.925			0.9	205	18
04/02/24 08:00	10.442	11.676	22.117	0.856			2.2	206	07
04/02/24 08:05	10.089	11.502	21.592	0.800			2.4	208	08
04/02/24 08:10	9.555	11.153	20.708	0.828			1.8	205	09
04/02/24 08:15	8.957	10.659	19.616	0.805			1.4	201	23
04/02/24 08:20	8.083	9.941	18.024	0.729			1.7	132	16
04/02/24 08:25	7.236	8.621	15.858	0.746			1.2	126	25
04/02/24 08:30	6.467	6.937	13.404	0.709			1.7	114	13
04/02/24 08:35	5.861	5.766	11.627	0.678			1.4	118	22
04/02/24 08:40	5.498	6.149	11.647	0.630			1.9	100	16
04/02/24 08:45	5.160	6.480	11.640	0.718			1.8	108	14
04/02/24 08:50	4.951	6.935	11.885	0.701			1.6	95	21
04/02/24 08:55	5.023	7.280	12.302	0.689			1.5	99	15
04/02/24 09:00	4.744	7.394	12.138	0.685			1.3	118	23
04/02/24 09:05	4.406	7.386	11.792	0.625			1.4	109	20
04/02/24 09:10	4.244	7.328	11.572	0.590			1.1	83	42
04/02/24 09:15	4.184	7.480	11.664	0.561			1.9	101	19
04/02/24 09:20	3.970	7.565	11.535	0.561			1.1	121	22
04/02/24 09:25	3.606	7.499	11.105	0.563			1.7	138	20
04/02/24 09:30	3.285	7.372	10.658	0.594			1.7	139	22
04/02/24 09:35	3.075	7.217	10.292	0.567			1.9	79	18
04/02/24 09:40	2.955	7.278	10.233	0.567			1.1	150	37
04/02/24 09:45	2.830	7.215	10.045	0.478			3.7	194	09
04/02/24 09:50	2.795	7.120	9.914	0.383			3.5	193	09
04/02/24 09:55	2.723	6.964	9.688	0.484			2.8	195	12
04/02/24 10:00	2.506	6.673	9.179	0.535			2.5	184	17
04/02/24 10:05	2.162	6.341	8.503	0.564			2.5	185	13
04/02/24 10:10	1.867	5.992	7.859	0.418			2.6	183	18
04/02/24 10:15	1.641	5.726	7.367	0.341			2.2	180	21
04/02/24 10:20	1.502	5.669	7.171	0.403			2.4	187	16
04/02/24 10:25	1.533	5.797	7.330	0.319			2.7	199	14
04/02/24 10:30	1.440	5.688	7.128	0.240			2.3	189	15
04/02/24 10:35	1.437	5.558	6.995	0.252			3.5	200	07
04/02/24 10:40	1.380	5.490	6.870	0.296			3.0	200	11
04/02/24 10:45	1.174	5.352	6.527	0.378			2.1	193	19
04/02/24 10:50	1.125	5.245	6.369	0.419			1.8	198	14
04/02/24 10:55	1.248	5.113	6.361	0.504			3.5	203	05
04/02/24 11:00	1.246	4.959	6.205	0.529			3.2	204	06
04/02/24 11:05	1.257	4.919	6.176	0.479			2.9	213	05
04/02/24 11:10	1.396	5.117	6.513	0.471			2.4	222	06
04/02/24 11:15	1.364	5.021	6.385	0.464			1.7	233	11
04/02/24 11:20	1.375	5.179	6.554	0.470			1.4	234	11
04/02/24 11:25	1.448	5.271	6.718	0.482			1.4	229	08
04/02/24 11:30	2.080	6.372	8.452	0.434			1.5	225	07
04/02/24 11:35	2.016	6.534	8.550	0.380			1.3	221	12
04/02/24 11:40	2.089	7.723	9.812	0.273			1.1	206	09
04/02/24 11:45	2.476	9.129	11.605	0.341			1.4	215	09
04/02/24 11:50	2.277	5.648	7.926	0.299			2.2	211	05
04/02/24 11:55	1.847	6.371	8.218	0.297			1.8	196	22
04/02/24 12:00	1.401	6.228	7.629	0.422			2.3	199	16
04/02/24 12:05	1.224	6.238	7.461	0.369			1.5	150	35
04/02/24 12:10	1.148	6.851	7.999	0.424			1.6	182	22
04/02/24 12:15	1.059	6.541	7.600	0.460			1.9	206	23
04/02/24 12:20	1.007	6.566	7.573	0.560			2.7	209	16
04/02/24 12:25	1.032	6.672	7.704	0.545			0.8	284	74
04/02/24 12:30	0.951	5.965	6.916	0.540			4.0	307	21
04/02/24 12:35	1.109	5.290	6.399	0.496			3.2	339	35
04/02/24 12:40	1.384	5.379	6.763	0.451			5.1	11	20
04/02/24 12:45	1.460	4.994	6.454	0.365			3.7	349	34
04/02/24 12:50	1.376	4.783	6.159	0.247			3.4	360	29
04/02/24 12:55	1.476	4.637	6.113	0.146			3.2	357	38
04/02/24 13:00	1.382	4.444	5.826	0.228			4.4	3	27
04/02/24 13:05	1.269	4.303	5.572	0.186			4.5	1	29
04/02/24 13:10	1.254	4.351	5.605	0.131			4.0	2	25
04/02/24 13:15	1.257	4.202	5.458	0.165			5.2	8	18
04/02/24 13:20	1.192	4.034	5.226	0.138			3.8	352	29
04/02/24 13:25	1.110	4.099	5.210	0.082			4.7	347	31
04/02/24 13:30	0.986	4.062	5.048	0.117			3.9	322	26
04/02/24 13:35	0.863	3.813	4.676	0.152			4.3	325	29
04/02/24 13:40	0.837	3.699	4.536	0.117			3.7	330	31
04/02/24 13:45	0.863	3.833	4.696	0.093			3.2	338	36
04/02/24 13:50	0.859	3.729	4.588	0.200			4.0	313	30
04/02/24 13:55	0.798	3.755	4.552	0.186			4.1	353	31
04/02/24 14:00	0.890	3.886	4.776	0.126			2.7	327	41
04/02/24 14:05	0.863	3.805	4.669	0.197			3.2	327	27
04/02/24 14:10	0.937	3.825	4.762	0.176			3.8	4	29
04/02/24 14:15	1.111	3.824	4.935	0.148			4.1	332	36
04/02/24 14:20	0.889	3.647	4.536	0.063			4.4	309	19
04/02/24 14:25	0.806	3.321	4.127	0.088			4.4	331	25
04/02/24 14:30	0.736	3.206	3.941	0.110			4.7	8	21
04/02/24 14:35	0.803	3.474	4.277	0.066			4.1	326	23
04/02/24 14:40	0.891	3.698	4.589	0.112			2.9	304	23

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/02/24 14:45	0.871	3.739	4.611	0.178			4.3	336	31
04/02/24 14:50	0.796	3.663	4.459	0.163			3.8	317	26
04/02/24 14:55	0.773	3.435	4.208	0.188			3.4	339	35
04/02/24 15:00	0.740	3.690	4.431	0.172			4.7	6	21
04/02/24 15:05	0.907	3.861	4.768	0.130			3.7	350	31
04/02/24 15:10	1.147	4.157	5.304	0.201			3.2	327	33
04/02/24 15:15	1.164	4.279	5.443	0.143			3.8	328	28
04/02/24 15:20	0.981	3.974	4.955	0.067			3.5	338	36
04/02/24 15:25	1.014	3.805	4.819	0.066			4.5	358	28
04/02/24 15:30	0.949	3.895	4.844	0.099			3.2	339	29
04/02/24 15:35	0.925	4.011	4.936	0.110			4.4	333	26
04/02/24 15:40	0.763	3.859	4.622	0.187			2.8	325	29
04/02/24 15:45	0.747	3.572	4.319	0.202			3.3	337	32
04/02/24 15:50	0.702	3.525	4.227	0.109			3.4	352	27
04/02/24 15:55	0.953	4.124	5.077	0.084			3.3	327	33
04/02/24 16:00	0.966	4.175	5.140	0.105			3.5	342	37
04/02/24 16:05	0.959	3.966	4.925	0.130			4.3	318	23
04/02/24 16:10	0.874	3.823	4.697	0.113			2.7	327	37
04/02/24 16:15	0.940	4.132	5.072	0.146			4.2	331	28
04/02/24 16:20	0.907	3.792	4.699	0.234			4.1	348	26
04/02/24 16:25	1.185	4.059	5.244	0.146			3.3	339	31
04/02/24 16:30	1.323	4.156	5.479	0.174			5.0	303	15
04/02/24 16:35	1.308	4.266	5.574	0.212			5.4	310	20
04/02/24 16:40	1.278	4.230	5.507	0.208			3.7	348	31
04/02/24 16:45	1.269	4.364	5.633	0.179			3.1	318	29
04/02/24 16:50	1.129	4.288	5.417	0.317			4.2	328	32
04/02/24 16:55	1.106	4.337	5.443	0.402			4.0	343	30
04/02/24 17:00	1.037	4.141	5.179	0.329			3.8	315	32
04/02/24 17:05	0.901	3.987	4.888	0.315			3.5	326	31
04/02/24 17:10	0.941	3.981	4.922	0.230			4.4	348	32
04/02/24 17:15	0.946	4.062	5.008	0.187			4.7	342	27
04/02/24 17:20	0.957	4.168	5.126	0.140			3.4	331	32
04/02/24 17:25	0.964	4.207	5.171	0.151			3.8	336	31
04/02/24 17:30	0.933	4.239	5.172	0.072			3.2	336	36
04/02/24 17:35	0.895	4.114	5.010	0.053			4.2	317	26
04/02/24 17:40	0.859	3.875	4.734	0.023			3.8	354	29
04/02/24 17:45	0.996	4.347	5.343	-0.087			4.4	349	32
04/02/24 17:50	1.039	4.771	5.810	-0.046			4.2	348	26
04/02/24 17:55	1.072	5.215	6.287	0.031			2.7	340	35
04/02/24 18:00	1.084	5.684	6.767	0.075			3.4	340	39
04/02/24 18:05	1.258	6.141	7.399	0.128			3.9	358	26
04/02/24 18:10	1.348	6.229	7.577	0.060			3.1	356	35
04/02/24 18:15	1.396	6.384	7.780	-0.001			3.1	350	32
04/02/24 18:20	1.368	6.539	7.907	0.027			3.7	355	28
04/02/24 18:25	1.211	6.349	7.560	0.074			3.9	9	23
04/02/24 18:30	1.234	6.304	7.538	0.107			3.0	357	31
04/02/24 18:35	1.249	6.422	7.672	0.005			3.6	359	26
04/02/24 18:40	1.201	6.578	7.779	0.110			3.5	1	30
04/02/24 18:45	1.253	6.817	8.070	0.119			3.2	354	34
04/02/24 18:50	1.284	6.968	8.252	0.007			4.4	355	28
04/02/24 18:55				0.041			2.6	350	36
04/02/24 19:00				0.023			3.2	5	24
04/02/24 19:05	1.115	11.960	13.074	0.003			2.8	352	33
04/02/24 19:10	1.105	11.356	12.461	0.027			2.8	0	26
04/02/24 19:15	0.952	11.130	12.082	0.083			3.1	4	25
04/02/24 19:20	0.940	10.721	11.661	0.075			3.5	5	21
04/02/24 19:25	1.015	10.657	11.672	0.155			4.1	1	21
04/02/24 19:30	0.730	10.190	10.920	0.149			4.1	8	24
04/02/24 19:35	0.606	10.037	10.643	0.163			3.1	359	28
04/02/24 19:40	0.453	10.198	10.651	-0.014			2.0	346	38
04/02/24 19:45	0.350	10.711	11.061	0.134			2.8	246	33
04/02/24 19:50	0.346	10.518	10.865	0.232			5.6	231	06
04/02/24 19:55	0.393	10.119	10.512	0.211			7.0	224	08
04/02/24 20:00	0.287	9.998	10.285	0.268			8.4	214	03
04/02/24 20:05	0.975	9.702	10.678	0.351			9.2	221	05
04/02/24 20:10	0.665	3.129	3.793	0.322			9.6	225	05
04/02/24 20:15	0.353	3.948	4.300	0.183			8.5	227	04
04/02/24 20:20	0.302	3.474	3.776	0.113			7.2	217	05
04/02/24 20:25	0.247	3.276	3.523	0.052			5.0	220	07
04/02/24 20:30	-0.007	3.398	3.391	0.051			4.3	224	07
04/02/24 20:35	-0.039	3.295	3.256	0.045			5.2	231	05
04/02/24 20:40	0.004	3.026	3.030	0.105			4.2	223	08
04/02/24 20:45	0.099	3.069	3.168	0.157			4.1	223	10
04/02/24 20:50	0.094	2.858	2.952	0.134			4.4	228	05
04/02/24 20:55	0.090	2.529	2.620	0.171			5.3	230	03
04/02/24 21:00	0.093	2.283	2.376	0.173			4.5	235	04
04/02/24 21:05	0.151	2.076	2.227	0.103			3.9	233	06
04/02/24 21:10	0.127	2.041	2.169	0.172			3.0	231	08
04/02/24 21:15	0.090	1.902	1.992	0.258			2.4	228	06
04/02/24 21:20	0.162	1.810	1.971	0.147			2.2	237	05
04/02/24 21:25	0.105	1.799	1.904	0.067			2.5	232	07
04/02/24 21:30	0.020	2.373	2.393	0.034			1.6	246	08
04/02/24 21:35	0.023	3.063	3.086	0.107			1.2	234	04
04/02/24 21:40	0.016	2.797	2.813	0.132			0.5	231	10
04/02/24 21:45	0.001	2.951	2.952	0.095			1.1	244	13
04/02/24 21:50	-0.065	3.744	3.680	0.123			1.4	256	09
04/02/24 21:55	-0.019	5.566	5.547	0.096			0.9	287	15
04/02/24 22:00	0.066	11.795	11.861	0.088			1.3	308	10
04/02/24 22:05	0.119	15.244	15.363	0.119			1.2	291	21
04/02/24 22:10	0.117	13.404	13.521	0.118			1.8	316	16
04/02/24 22:15	0.148	13.713	13.862	0.111			1.9	304	12
04/02/24 22:20	0.218	13.702	13.920	0.073			1.4	309	17
04/02/24 22:25	0.296	13.853	14.148	0.121			1.6	311	14
04/02/24 22:30	0.293	14.392	14.684	0.180			1.4	292	19
04/02/24 22:35	0.344	15.026	15.370	0.229			1.8	309	15
04/02/24 22:40	0.232	15.230	15.463	0.286			1.3	304	13
04/02/24 22:45	0.139	15.297	15.436	0.334			1.8	284	17
04/02/24 22:50	0.223	15.160	15.383	0.324			2.4	280	14
04/02/24 22:55	0.246	15.367	15.613	0.442			1.6	274	19
04/02/24 23:00	0.218	15.569	15.786	0.348			2.7	257	09
04/02/24 23:05	0.130	15.705	15.836	0.305			2.5	263	05
04/02/24 23:10	0.507	17.503	18.011	0.363			2.2	242	10
04/02/24 23:15	0.953	21.821	22.774	0.460			1.5	225	07
04/02/24 23:20	0.792	14.061	14.853	0.602			1.8	220	06

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/02/24 23:25	0.589	10.127	10.716	0.610			1.8	214	06
04/02/24 23:30	0.249	8.080	8.329	0.542			2.0	204	05
04/02/24 23:35	0.177	8.300	8.478	0.575			2.2	195	03
04/02/24 23:40	0.316	11.718	12.034	0.510			2.6	199	06
04/02/24 23:45	0.239	9.778	10.017	0.510			3.3	198	04
04/02/24 23:50	0.212	6.853	7.065				3.3	195	08
04/02/24 23:55	0.261	7.382	7.643				3.3	193	11
05/02/24 00:00	0.240	8.746	8.985	0.927			2.6	189	12
05/02/24 00:05	0.115	6.492	6.606	0.834			3.3	190	10
05/02/24 00:10	0.328	7.150	7.479	0.785			3.0	179	18
05/02/24 00:15	0.500	5.195	5.696	0.787			2.4	178	17
05/02/24 00:20	0.427	2.801	3.228	0.705			1.5	180	23
05/02/24 00:25	0.272	2.280	2.552	0.624			2.0	174	25
05/02/24 00:30	0.186	1.665	1.851	0.550			1.1	170	35
05/02/24 00:35	0.080	1.316	1.395	0.540			2.1	111	26
05/02/24 00:40	0.144	1.073	1.217	0.501			1.6	147	32
05/02/24 00:45	0.225	0.988	1.213	0.498			1.6	154	28
05/02/24 00:50	0.192	0.964	1.156	0.586			1.5	135	22
05/02/24 00:55	0.110	1.417	1.528	0.583			1.3	150	28
05/02/24 01:00	0.166	2.137	2.302	0.603			1.0	142	25
05/02/24 01:05							0.8	165	30
05/02/24 01:10							1.1	203	25
05/02/24 01:15							0.5	163	47
05/02/24 01:20							2.1	235	06
05/02/24 01:25							2.4	234	04
05/02/24 01:30							1.4	236	20
05/02/24 01:35							0.8	254	12
05/02/24 01:40							0.4	242	19
05/02/24 01:45							0.3	88	47
05/02/24 01:50							0.7	57	17
05/02/24 01:55							0.9	50	18
05/02/24 02:00							0.5	8	42
05/02/24 02:05	0.330	7.643	7.973	0.457			1.1	20	19
05/02/24 02:10	0.242	6.408	6.650	0.341			1.0	344	44
05/02/24 02:15	0.185	6.488	6.674	0.338			1.0	246	17
05/02/24 02:20	0.093	6.564	6.657	0.365			1.3	237	06
05/02/24 02:25	0.086	7.147	7.234	0.414			0.6	239	15
05/02/24 02:30	0.119	7.735	7.853	0.463			0.9	260	09
05/02/24 02:35	0.142	8.575	8.717	0.333			1.5	254	03
05/02/24 02:40	0.143	10.285	10.428	0.255			1.0	248	12
05/02/24 02:45	0.095	14.303	14.398	0.242			0.5	222	19
05/02/24 02:50	0.277	20.027	20.304	0.332			1.4	227	06
05/02/24 02:55	3.035	26.103	29.138	0.375			2.5	229	05
05/02/24 03:00	6.861	27.101	33.962	0.447			4.5	231	03
05/02/24 03:05	2.260	12.381	14.640	0.486			5.5	229	03
05/02/24 03:10	0.894	1.412	2.306	0.524			4.7	232	03
05/02/24 03:15	0.714	1.463	2.178	0.512			4.7	233	07
05/02/24 03:20	0.493	1.549	2.043	0.456			3.3	246	14
05/02/24 03:25	0.372	1.780	2.152	0.518			4.0	233	06
05/02/24 03:30	0.341	1.635	1.976	0.573			3.9	240	10
05/02/24 03:35	0.333	1.737	2.070	0.517			3.6	244	08
05/02/24 03:40	0.467	2.629	3.096	0.575			3.2	233	10
05/02/24 03:45	0.380	4.095	4.475	0.626			1.4	259	32
05/02/24 03:50	0.736	15.470	16.206	0.588			2.2	250	05
05/02/24 03:55	0.968	15.065	16.034	0.603			5.1	234	08
05/02/24 04:00	0.853	5.582	6.435	0.640			5.6	236	09
05/02/24 04:05	0.853	5.640	6.493	0.646			3.4	247	09
05/02/24 04:10	0.652	3.922	4.575	0.619			3.1	248	09
05/02/24 04:15	0.597	4.626	5.223	0.602			2.3	245	08
05/02/24 04:20	0.543	5.215	5.758	0.560			3.0	241	08
05/02/24 04:25	0.712	6.783	7.496	0.576			2.8	244	08
05/02/24 04:30	1.173	10.363	11.536	0.535			3.3	258	08
05/02/24 04:35	1.316	11.158	12.475	0.554			2.4	260	09
05/02/24 04:40	1.593	12.985	14.577	0.504			2.9	267	05
05/02/24 04:45	2.490	17.642	20.133	0.477			3.2	256	06
05/02/24 04:50	3.199	18.207	21.406	0.546			2.4	254	09
05/02/24 04:55	3.307	16.285	19.592	0.724			2.9	249	16
05/02/24 05:00	2.799	9.677	12.476	0.832			2.2	228	14
05/02/24 05:05	2.782	12.686	15.468	0.861			1.3	240	26
05/02/24 05:10	3.370	13.990	17.360	0.912			3.7	236	07
05/02/24 05:15	2.156	3.036	5.191	0.825			3.2	241	06
05/02/24 05:20	0.907	3.494	4.401	0.758			5.7	239	04
05/02/24 05:25	1.233	6.187	7.421	0.675			5.9	237	06
05/02/24 05:30	1.301	6.214	7.515	0.672			6.0	230	06
05/02/24 05:35	0.982	4.217	5.199	0.678			5.5	225	07
05/02/24 05:40	0.750	5.190	5.940	0.741			4.9	217	06
05/02/24 05:45	1.673	7.896	9.569	0.709			4.0	199	07
05/02/24 05:50	2.713	2.905	5.618	0.649			6.4	205	04
05/02/24 05:55	4.634	4.462	9.095	0.621			7.7	203	06
05/02/24 06:00	9.597	7.568	17.165	0.644			7.4	202	06
05/02/24 06:05	14.081	10.937	25.018	0.658			6.2	194	07
05/02/24 06:10	11.049	8.546	19.594	0.693			5.5	195	07
05/02/24 06:15	9.106	6.002	15.108	0.700			6.8	201	06
05/02/24 06:20	7.683	4.420	12.103	0.629			8.2	205	07
05/02/24 06:25	5.220	3.947	9.167	0.579			8.9	205	05
05/02/24 06:30	4.584	2.980	7.564	0.588			8.7	205	05
05/02/24 06:35	4.096	2.171	6.266	0.635			8.3	205	06
05/02/24 06:40	3.185	2.604	5.789	0.584			7.5	204	06
05/02/24 06:45	5.554	3.927	9.481	0.514			7.9	205	05
05/02/24 06:50	1.990	3.753	5.743	0.485			8.9	207	05
05/02/24 06:55	1.427	3.745	5.172	0.505			7.8	208	06
05/02/24 07:00	2.103	5.874	7.977	0.428			7.3	205	06
05/02/24 07:05	4.195	6.913	11.107	0.467			6.3	199	07
05/02/24 07:10	17.092	4.316	21.408	0.439			6.4	195	07
05/02/24 07:15	18.916	7.174	26.090	0.399			6.1	199	10
05/02/24 07:20	18.187	6.228	24.415	0.381			5.8	200	08
05/02/24 07:25	3.539	2.675	6.214	0.463			7.1	209	04
05/02/24 07:30	2.164	0.164	2.328	0.382			5.5	198	10
05/02/24 07:35	3.725	1.704	5.429	0.330			5.6	198	07
05/02/24 07:40	4.498	4.606	9.104	0.362			5.9	203	08
05/02/24 07:45	10.071	7.075	17.146	0.360			5.9	195	08
05/02/24 07:50	4.948	3.630	8.578	0.365			5.4	193	09
05/02/24 07:55	4.720	1.837	6.557	0.450			6.0	199	06
05/02/24 08:00	7.673	7.192	14.865	0.509			5.3	195	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/02/24 08:05	5.299	4.074	9.372	0.475			5.2	195	08
05/02/24 08:10	6.492	4.760	11.252	0.391			6.0	195	07
05/02/24 08:15	6.347	8.019	14.366	0.349			6.5	199	08
05/02/24 08:20	9.441	5.274	14.715	0.258			6.6	200	07
05/02/24 08:25	11.792	6.017	17.809	0.288			5.6	196	08
05/02/24 08:30	29.422	9.135	38.557	0.297			6.0	198	08
05/02/24 08:35	3.394	2.386	5.780	0.336			5.0	193	08
05/02/24 08:40	4.443	1.886	6.329	0.288			5.4	196	08
05/02/24 08:45	2.826	3.304	6.130	0.362			6.5	204	06
05/02/24 08:50	4.972	6.021	10.993	0.437			6.0	201	08
05/02/24 08:55	7.157	5.485	12.642	0.411			6.4	202	07
05/02/24 09:00	1.714	2.094	3.808	0.327			6.1	221	08
05/02/24 09:05	0.200	1.325	1.525	0.235			6.2	223	07
05/02/24 09:10	0.162	1.487	1.649	0.232			6.9	226	05
05/02/24 09:15	0.316	1.554	1.870	0.188			7.6	229	05
05/02/24 09:20	0.349	1.424	1.774	0.243			6.6	218	09
05/02/24 09:25	0.968	1.730	2.697	0.243			6.3	205	07
05/02/24 09:30	5.555	5.036	10.591	0.275			5.8	200	09
05/02/24 09:35	7.444	4.905	12.349	0.277			6.0	196	08
05/02/24 09:40	12.816	1.175	13.990	0.287			6.9	203	06
05/02/24 09:45	9.907	4.008	13.915	0.307			6.0	193	08
05/02/24 09:50	15.259	7.425	22.685	0.296			6.2	194	08
05/02/24 09:55	4.251	4.035	8.286	0.246			5.9	194	08
05/02/24 10:00	4.590	3.293	7.883	0.251			5.9	190	10
05/02/24 10:05	7.351	5.814	13.165	0.256			7.5	204	05
05/02/24 10:10	7.629	8.472	16.101	0.317			7.2	203	06
05/02/24 10:15	30.212	7.493	37.705	0.342			6.8	197	08
05/02/24 10:20	15.432	9.220	24.652	0.336			6.2	195	09
05/02/24 10:25	16.525	8.545	25.070	0.333			6.7	195	08
05/02/24 10:30	15.377	5.035	20.412	0.340			6.7	196	06
05/02/24 10:35	12.079	6.972	19.051	0.390			7.6	202	06
05/02/24 10:40	15.613	6.602	22.215	0.291			7.1	202	06
05/02/24 10:45	6.262	4.379	10.641	0.263			7.5	198	07
05/02/24 10:50	10.723	2.300	13.023	0.235			7.6	204	06
05/02/24 10:55	23.242	8.797	32.039	0.220			6.8	196	08
05/02/24 11:00	4.685	2.162	6.847	0.165			5.9	193	07
05/02/24 11:05	7.709	5.051	12.760	0.111			6.5	193	09
05/02/24 11:10	9.624	6.702	16.326	0.125			6.6	198	07
05/02/24 11:15	8.601	3.601	12.202	0.166			5.9	195	07
05/02/24 11:20	6.066	5.218	11.284	0.193			6.1	203	06
05/02/24 11:25	2.449	2.506	4.955	0.241			5.3	195	09
05/02/24 11:30	2.558	3.324	5.882	0.252			5.2	195	10
05/02/24 11:35	5.063	6.101	11.164	0.184			5.1	194	09
05/02/24 11:40	3.417	2.479	5.896	0.200			4.4	192	10
05/02/24 11:45	2.594	3.179	5.774	0.172			5.5	195	08
05/02/24 11:50	4.558	8.292	12.850	0.161			5.7	198	08
05/02/24 11:55	4.639	3.118	7.757	0.198			5.6	200	08
05/02/24 12:00	2.387	2.462	4.849	0.222			5.2	194	06
05/02/24 12:05	2.300	3.188	5.488	0.150			4.5	195	09
05/02/24 12:10	2.428	2.837	5.265	0.118			4.9	196	10
05/02/24 12:15	3.389	2.199	5.588	0.094			5.3	196	07
05/02/24 12:20	10.717	8.828	19.545	0.125			5.5	199	09
05/02/24 12:25	3.825	3.838	7.663	0.140			5.1	195	09
05/02/24 12:30	3.088	2.875	5.964	0.102			5.8	200	08
05/02/24 12:35	8.984	3.457	12.442	0.201			6.1	201	07
05/02/24 12:40	6.157	5.583	11.739	0.182			6.2	202	08
05/02/24 12:45	7.870	7.686	15.555	0.264			5.8	198	08
05/02/24 12:50	5.042	2.397	7.439	0.309			6.4	202	09
05/02/24 12:55	7.380	5.573	12.954	0.335			5.8	196	08
05/02/24 13:00	7.287	7.490	14.777	0.414			6.0	198	08
05/02/24 13:05	9.151	4.588	13.739	0.333			6.3	201	07
05/02/24 13:10	4.846	3.944	8.790	0.229			5.2	197	09
05/02/24 13:15	4.833	4.221	9.054	0.201			5.8	196	07
05/02/24 13:20	2.851	3.199	6.049	0.221			5.3	193	08
05/02/24 13:25	1.963	1.331	3.293	0.193			6.0	201	07
05/02/24 13:30	2.804	2.531	5.335	0.164			5.7	193	08
05/02/24 13:35	1.945	3.829	5.774	0.197			5.5	195	08
05/02/24 13:40	1.719	2.425	4.145	0.285			4.9	194	09
05/02/24 13:45	1.939	2.394	4.333	0.209			5.1	196	09
05/02/24 13:50	2.145	2.487	4.632	0.253			4.9	195	08
05/02/24 13:55	2.970	2.445	5.415	0.214			5.2	195	07
05/02/24 14:00	3.271	1.189	4.461	0.198			5.4	198	08
05/02/24 14:05	2.168	1.819	3.988	0.196			5.7	198	09
05/02/24 14:10	2.196	1.680	3.876	0.176			5.8	200	07
05/02/24 14:15	2.817	3.233	6.049	0.217			5.9	198	06
05/02/24 14:20	3.735	2.561	6.296	0.237			6.3	203	07
05/02/24 14:25	2.222	2.014	4.236	0.339			5.7	196	08
05/02/24 14:30	2.393	1.620	4.013	0.362			5.4	198	09
05/02/24 14:35	1.917	1.536	3.453	0.411			5.0	195	07
05/02/24 14:40	2.382	2.077	4.459	0.360			5.1	194	08
05/02/24 14:45	4.106	3.767	7.873	0.342			5.5	197	07
05/02/24 14:50	10.092	5.616	15.707	0.309			5.5	197	08
05/02/24 14:55	2.673	2.717	5.390	0.324			4.1	194	11
05/02/24 15:00	1.838	2.021	3.859	0.314			4.5	192	10
05/02/24 15:05	1.521	1.817	3.338	0.210			5.1	194	09
05/02/24 15:10	1.632	2.021	3.653	0.110			5.5	192	09
05/02/24 15:15	2.117	4.572	6.689	0.118			4.8	191	11
05/02/24 15:20	2.637	0.380	3.018	0.161			4.4	192	12
05/02/24 15:25	5.123	0.192	5.314	0.190			5.0	192	08
05/02/24 15:30	1.911	2.642	4.552	0.210			4.5	193	08
05/02/24 15:35	2.789	1.474	4.263	0.253			5.2	196	06
05/02/24 15:40	1.829	2.055	3.883	0.195			5.0	194	08
05/02/24 15:45	3.543	5.926	9.469	0.165			4.4	192	11
05/02/24 15:50	9.356	3.494	12.850	0.224			4.3	192	09
05/02/24 15:55	4.260	3.504	7.764	0.175			3.9	189	12
05/02/24 16:00	0.573	2.321	2.894	0.185			2.8	167	24
05/02/24 16:05	0.253	1.635	1.888	0.230			3.1	169	26
05/02/24 16:10	0.230	1.100	1.330	0.275			3.5	151	21
05/02/24 16:15	0.191	0.844	1.035	0.264			2.6	170	25
05/02/24 16:20	0.074	0.713	0.787	0.256			3.0	170	22
05/02/24 16:25	-0.050	0.658	0.608	0.222			2.7	172	23
05/02/24 16:30	-0.002	0.554	0.553	0.208			2.8	174	19
05/02/24 16:35	0.062	0.458	0.520	0.212			1.9	167	27
05/02/24 16:40	0.065	0.495	0.561	0.225			3.6	147	21

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/02/24 16:45	0.023	0.392	0.414	0.204			3.7	145	18
05/02/24 16:50	0.013	0.325	0.338	0.178			2.4	161	27
05/02/24 16:55	0.037	0.363	0.401	0.191			3.4	145	20
05/02/24 17:00	0.093	0.363	0.457	0.192			3.5	146	20
05/02/24 17:05	0.102	0.406	0.508	0.198			2.8	178	23
05/02/24 17:10	0.041	0.432	0.473	0.148			2.5	164	27
05/02/24 17:15	0.117	0.340	0.458	0.175			3.0	177	14
05/02/24 17:20	0.006	0.413	0.419	0.166			2.8	178	22
05/02/24 17:25	-0.039	0.413	0.374	0.151			3.0	180	20
05/02/24 17:30	-0.012	0.452	0.440	0.103			3.0	186	15
05/02/24 17:35	-0.062	0.455	0.394	0.179			3.0	185	16
05/02/24 17:40	-0.036	0.508	0.472	0.203			3.6	186	12
05/02/24 17:45	0.048	0.636	0.684	0.216			3.4	184	14
05/02/24 17:50	0.097	0.688	0.785	0.187			3.7	180	17
05/02/24 17:55	0.228	1.054	1.282	0.223			3.5	187	14
05/02/24 18:00	0.365	1.139	1.504	0.196			3.7	184	11
05/02/24 18:05	0.391	1.033	1.424	0.192			2.9	174	20
05/02/24 18:10	0.451	0.895	1.346	0.096			3.6	185	12
05/02/24 18:15	0.308	0.799	1.107	0.071			3.9	185	11
05/02/24 18:20	0.245	0.785	1.030	0.141			3.9	185	12
05/02/24 18:25	0.144	0.723	0.868	0.183			4.1	186	12
05/02/24 18:30	0.118	0.640	0.758	0.222			3.6	187	13
05/02/24 18:35	0.169	0.582	0.751	0.211			4.0	187	12
05/02/24 18:40	0.199	0.530	0.730	0.274			4.5	190	10
05/02/24 18:45	0.197	0.563	0.760	0.306			3.6	189	11
05/02/24 18:50	0.111	0.676	0.788	0.219			4.2	190	10
05/02/24 18:55	0.044	0.684	0.728	0.251			4.6	191	09
05/02/24 19:00	0.142	0.906	1.048	0.240			3.4	185	13
05/02/24 19:05	0.165	0.799	0.963	0.237			4.3	186	11
05/02/24 19:10	0.165	0.816	0.980	0.222			3.7	184	12
05/02/24 19:15	0.164	0.776	0.940	0.290			3.2	186	11
05/02/24 19:20	0.051	0.665	0.716	0.284			4.0	191	10
05/02/24 19:25	0.054	0.652	0.706	0.196			3.7	185	14
05/02/24 19:30	0.112	0.654	0.766	0.265			4.8	189	12
05/02/24 19:35	0.085	0.921	1.006	0.242			4.4	190	10
05/02/24 19:40	0.039	1.028	1.067	0.202			5.5	187	10
05/02/24 19:45	-0.031	1.058	1.027	0.182			5.9	191	07
05/02/24 19:50	0.044	1.035	1.079	0.193			5.8	193	10
05/02/24 19:55	0.020	1.283	1.303	0.129			5.9	193	08
05/02/24 20:00	0.058	1.515	1.573	0.172			5.0	190	11
05/02/24 20:05	0.123	1.385	1.508	0.174			5.3	188	10
05/02/24 20:10	0.141	1.115	1.256	0.112			5.4	193	09
05/02/24 20:15	0.158	0.861	1.019	0.064			4.8	191	09
05/02/24 20:20	0.207	0.702	0.910	0.047			5.2	190	10
05/02/24 20:25	0.110	0.609	0.719	0.085			4.6	186	11
05/02/24 20:30	0.010	0.558	0.568	0.204			5.5	191	10
05/02/24 20:35	-0.031	0.544	0.513	0.249			4.9	190	10
05/02/24 20:40	-0.074	0.524	0.450	0.205			5.1	189	10
05/02/24 20:45	0.015	0.515	0.530	0.198			4.7	183	11
05/02/24 20:50	0.181	0.597	0.778	0.103			3.8	185	11
05/02/24 20:55	0.180	0.658	0.838	0.047			4.9	190	09
05/02/24 21:00	0.208	0.590	0.797	0.093			4.4	191	10
05/02/24 21:05	0.252	0.526	0.778	0.163			3.9	183	14
05/02/24 21:10	0.237	0.580	0.817	0.182			4.9	189	10
05/02/24 21:15	0.161	0.522	0.683	0.264			5.0	190	09
05/02/24 21:20	0.091	0.402	0.493	0.330			4.8	190	10
05/02/24 21:25	0.064	0.341	0.405	0.283			4.4	188	12
05/02/24 21:30	0.046	0.319	0.365	0.195			4.2	193	10
05/02/24 21:35	0.010	0.291	0.301	0.155			4.6	191	10
05/02/24 21:40	0.082	0.229	0.311	0.137			4.4	188	11
05/02/24 21:45	0.090	0.225	0.315	0.184			4.1	191	09
05/02/24 21:50	0.130	0.192	0.322	0.198			4.2	193	09
05/02/24 21:55	0.218	0.178	0.396	0.127			3.5	186	13
05/02/24 22:00	0.159	0.233	0.392	0.134			2.8	161	28
05/02/24 22:05	0.117	0.188	0.305	0.127			3.3	173	21
05/02/24 22:10	0.001	0.215	0.215	0.123			4.0	153	21
05/02/24 22:15	-0.005	0.191	0.186	0.113			3.8	178	15
05/02/24 22:20	0.052	0.260	0.312	0.111			3.8	181	16
05/02/24 22:25	0.090	0.326	0.415	0.056			2.6	165	25
05/02/24 22:30	0.030	0.354	0.383	-0.064			3.3	172	20
05/02/24 22:35	-0.079	0.361	0.283	-0.083			2.7	171	24
05/02/24 22:40	-0.187	0.402	0.216	-0.005			3.0	157	27
05/02/24 22:45	-0.221	0.381	0.160	0.055			3.3	161	23
05/02/24 22:50	-0.097	0.373	0.275	0.132			2.9	152	25
05/02/24 22:55	-0.105	0.378	0.273	0.190			2.7	166	29
05/02/24 23:00	-0.083	0.378	0.295	0.165			2.7	166	24
05/02/24 23:05	-0.030	0.338	0.308	0.198			2.9	175	25
05/02/24 23:10	-0.113	0.307	0.194	0.279			3.2	178	14
05/02/24 23:15	-0.114	0.344	0.230	0.268			3.6	182	12
05/02/24 23:20	-0.127	0.368	0.241	0.240			3.1	179	19
05/02/24 23:25	-0.044	0.336	0.292	0.228			4.6	185	15
05/02/24 23:30	-0.017	0.299	0.282	0.268			3.6	155	22
05/02/24 23:35	-0.002	0.297	0.296	0.217			4.9	144	16
05/02/24 23:40	-0.094	0.386	0.292	0.177			2.8	161	25
05/02/24 23:45	-0.011	0.362	0.351	0.199			2.8	155	28
05/02/24 23:50	0.013	0.337	0.350				3.5	170	23
05/02/24 23:55	-0.026	0.283	0.256				2.6	157	29
06/02/24 00:00	-0.058	0.241	0.183	0.178			2.5	166	24
06/02/24 00:05	0.034	0.225	0.259	0.227			2.9	161	29
06/02/24 00:10	0.088	0.171	0.260	0.308			2.9	155	25
06/02/24 00:15	-0.005	0.134	0.129	0.402			2.6	174	19
06/02/24 00:20	-0.017	0.196	0.179	0.522			2.2	164	28
06/02/24 00:25	-0.072	0.200	0.127	0.514			2.2	166	28
06/02/24 00:30	-0.076	0.153	0.077	0.470			2.8	178	23
06/02/24 00:35	-0.101	0.152	0.051	0.501			2.5	163	25
06/02/24 00:40	-0.057	0.181	0.124	0.421			2.8	171	22
06/02/24 00:45	-0.108	0.237	0.129	0.322			2.9	167	25
06/02/24 00:50	-0.085	0.222	0.137	0.323			3.3	159	23
06/02/24 00:55	-0.083	0.202	0.119	0.399			3.1	162	23
06/02/24 01:00	-0.105	0.169	0.065	0.432			2.9	157	26
06/02/24 01:05							3.2	158	21
06/02/24 01:10							2.4	160	25
06/02/24 01:15							2.8	161	22
06/02/24 01:20							3.0	155	23

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/02/24 01:25							3.0	156	26
06/02/24 01:30							3.1	171	21
06/02/24 01:35							3.0	174	16
06/02/24 01:40							2.7	170	20
06/02/24 01:45							3.1	176	20
06/02/24 01:50							2.9	168	23
06/02/24 01:55							2.4	168	27
06/02/24 02:00							3.1	157	26
06/02/24 02:05	0.035	0.168	0.203	0.503			3.6	149	20
06/02/24 02:10	0.063	0.199	0.262	0.489			3.8	154	22
06/02/24 02:15	0.009	0.300	0.310	0.460			3.6	171	22
06/02/24 02:20	0.009	0.344	0.353	0.503			3.1	177	19
06/02/24 02:25	-0.014	0.406	0.392	0.569			3.2	179	19
06/02/24 02:30	0.120	0.357	0.477	0.586			3.0	175	20
06/02/24 02:35	0.155	0.424	0.579	0.519			3.2	177	20
06/02/24 02:40	0.128	0.399	0.527	0.459			3.8	180	15
06/02/24 02:45	0.192	0.335	0.527	0.447			3.0	166	27
06/02/24 02:50	0.180	0.334	0.514	0.433			3.5	179	17
06/02/24 02:55	0.216	0.266	0.483	0.493			3.7	182	16
06/02/24 03:00	0.166	0.288	0.453	0.444			3.8	176	20
06/02/24 03:05	0.134	0.345	0.479	0.409			4.2	186	11
06/02/24 03:10	0.191	0.312	0.503	0.429			3.9	185	14
06/02/24 03:15	0.159	0.337	0.496	0.547			2.7	174	21
06/02/24 03:20	0.181	0.324	0.505	0.480			4.0	182	14
06/02/24 03:25	0.071	0.396	0.467	0.470			3.2	176	22
06/02/24 03:30	0.090	0.411	0.502	0.456			3.9	179	16
06/02/24 03:35	0.097	0.396	0.492	0.400			4.1	184	16
06/02/24 03:40	0.050	0.376	0.425	0.385			4.7	185	12
06/02/24 03:45	0.140	0.392	0.532	0.455			5.2	187	11
06/02/24 03:50	0.111	0.471	0.582	0.438			3.7	182	15
06/02/24 03:55	0.058	0.471	0.529	0.451			4.6	185	10
06/02/24 04:00	0.084	0.476	0.560	0.480			3.8	178	15
06/02/24 04:05	0.092	0.469	0.562	0.503			4.6	185	13
06/02/24 04:10	0.248	0.870	1.118	0.522			4.8	195	09
06/02/24 04:15	0.262	1.284	1.546	0.544			4.6	190	11
06/02/24 04:20	0.385	1.488	1.873	0.528			4.7	185	12
06/02/24 04:25	0.478	2.060	2.538	0.509			5.0	188	11
06/02/24 04:30	0.329	1.494	1.823	0.478			5.1	188	09
06/02/24 04:35	0.262	0.877	1.139	0.376			5.5	194	07
06/02/24 04:40	0.431	0.827	1.258	0.355			5.5	197	07
06/02/24 04:45	0.570	1.281	1.851	0.372			4.2	191	09
06/02/24 04:50	0.389	1.528	1.917	0.308			4.6	192	11
06/02/24 04:55	0.264	1.434	1.698	0.262			3.9	188	12
06/02/24 05:00	0.313	1.308	1.621	0.261			4.0	186	13
06/02/24 05:05	0.268	1.125	1.393	0.340			4.2	186	11
06/02/24 05:10	0.122	1.009	1.131	0.384			4.0	187	12
06/02/24 05:15	0.170	0.841	1.011	0.494			5.1	197	11
06/02/24 05:20	0.173	0.766	0.939	0.607			5.3	195	10
06/02/24 05:25	0.178	0.677	0.855	0.634			4.3	193	10
06/02/24 05:30	0.199	0.674	0.873	0.637			4.3	192	07
06/02/24 05:35	0.154	0.635	0.789	0.545			5.3	188	07
06/02/24 05:40	0.177	0.585	0.762	0.521			4.0	188	11
06/02/24 05:45	0.280	0.650	0.930	0.526			4.2	189	09
06/02/24 05:50	1.031	10.688	11.719	0.526			4.3	188	11
06/02/24 05:55	1.975	10.222	12.197	0.543			4.4	192	13
06/02/24 06:00	34.715	14.830	49.545	0.589			4.0	188	13
06/02/24 06:05	1.709	5.118	6.827	0.570			3.9	186	13
06/02/24 06:10	0.270	2.384	2.654	0.588			3.3	176	19
06/02/24 06:15	0.860	2.058	2.918	0.579			3.8	186	16
06/02/24 06:20	0.927	2.794	3.721	0.489			3.8	182	16
06/02/24 06:25	0.908	3.008	3.915	0.480			3.8	184	15
06/02/24 06:30	0.381	2.261	2.642	0.482			3.4	186	13
06/02/24 06:35	0.195	1.722	1.916	0.509			4.1	187	12
06/02/24 06:40	0.548	2.309	2.857	0.563			5.0	193	09
06/02/24 06:45	0.505	2.069	2.573	0.504			4.7	190	12
06/02/24 06:50	0.478	1.568	2.046	0.506			4.2	190	10
06/02/24 06:55	0.947	1.760	2.707	0.479			4.3	189	10
06/02/24 07:00	6.046	6.606	12.652	0.509			4.3	192	09
06/02/24 07:05	5.763	4.545	10.308	0.688			3.4	192	15
06/02/24 07:10	4.899	7.507	12.406	0.702			4.4	210	13
06/02/24 07:15	1.613	5.864	7.477	0.678			4.5	225	07
06/02/24 07:20	1.403	5.918	7.321	0.577			5.2	233	09
06/02/24 07:25	1.529	5.810	7.340	0.398			4.5	239	08
06/02/24 07:30	2.188	6.325	8.513	0.393			4.6	245	08
06/02/24 07:35	10.198	12.278	22.475	0.356			3.7	219	23
06/02/24 07:40	19.546	8.517	28.064	0.363			4.4	197	11
06/02/24 07:45	13.484	6.284	19.768	0.423			5.0	194	08
06/02/24 07:50	35.057	4.315	39.372	0.472			4.3	196	12
06/02/24 07:55	27.820	1.589	29.409	0.518			4.2	193	09
06/02/24 08:00	18.159	8.017	26.176	0.515			4.6	188	11
06/02/24 08:05	42.965	15.887	58.852	0.608			5.1	195	10
06/02/24 08:10	10.941	5.005	15.947	0.634			5.0	189	10
06/02/24 08:15	17.085	12.579	29.664	0.499			4.7	194	07
06/02/24 08:20	23.574	5.963	29.537	0.395			4.4	191	08
06/02/24 08:25	27.308	11.833	39.141	0.451			4.9	189	09
06/02/24 08:30	26.615	11.828	38.443	0.548			5.0	192	10
06/02/24 08:35	15.658	9.938	25.596	0.551			5.2	190	07
06/02/24 08:40	4.869	3.972	8.841	0.542			4.1	190	11
06/02/24 08:45	10.090	8.105	18.195	0.585			4.0	183	21
06/02/24 08:50	3.364	2.513	5.877	0.546			3.7	189	13
06/02/24 08:55	4.342	1.910	6.252	0.467			4.9	186	13
06/02/24 09:00	7.320	4.098	11.418	0.447			5.3	189	11
06/02/24 09:05	5.501	2.204	7.705	0.372			4.9	190	10
06/02/24 09:10	9.019	4.964	13.983	0.360			4.1	189	12
06/02/24 09:15	2.145	0.898	3.044	0.414			3.9	189	11
06/02/24 09:20	6.752	7.557	14.309	0.368			4.6	195	10
06/02/24 09:25	18.628	10.710	29.338	0.446			4.7	190	11
06/02/24 09:30	10.084	4.283	14.366	0.466			4.6	190	11
06/02/24 09:35	12.442	6.321	18.763	0.493			5.2	191	09
06/02/24 09:40	28.640	11.202	39.842	0.517			4.7	194	12
06/02/24 09:45	4.888	2.716	7.605	0.567			5.1	188	11
06/02/24 09:50	13.310	9.578	22.888	0.615			4.4	192	13
06/02/24 09:55	34.943	2.876	37.819	0.607			5.0	192	11
06/02/24 10:00	7.334	3.158	10.492	0.524			4.5	189	11

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/02/24 10:05	36.918	13.619	50.536	0.547			4.6	197	10
06/02/24 10:10	33.871	10.833	44.704	0.572			4.4	191	10
06/02/24 10:15	4.354	0.280	4.633	0.584			3.5	183	14
06/02/24 10:20				0.519			4.2	193	16
06/02/24 10:25	26.151	7.432	33.583	0.426			4.4	192	11
06/02/24 10:30	12.484	6.852	19.335	0.322			5.0	193	09
06/02/24 10:35	12.059	11.221	23.280	0.377			4.3	192	11
06/02/24 10:40	14.043	5.190	19.233	0.304			4.2	191	11
06/02/24 10:45	17.732	8.384	26.116	0.255			4.7	192	13
06/02/24 10:50	15.357	9.087	24.444	0.313			4.5	194	10
06/02/24 10:55	12.629	5.503	18.131	0.363			4.2	192	13
06/02/24 11:00	26.999	12.841	39.840	0.394			4.7	195	12
06/02/24 11:05	40.140	10.041	50.181	0.480			4.4	191	12
06/02/24 11:10	36.811	7.834	44.645	0.608			4.6	195	10
06/02/24 11:15	1.390	2.165	3.556	0.623			4.3	193	09
06/02/24 11:20	1.471	0.811	2.281	0.650			4.6	193	10
06/02/24 11:25	7.218	6.588	13.806	0.545			5.2	197	09
06/02/24 11:30	31.596	11.695	43.291	0.549			4.4	192	12
06/02/24 11:35	11.155	10.816	21.970	0.560			5.1	194	09
06/02/24 11:40	5.944	2.726	8.671	0.544			5.2	193	09
06/02/24 11:45	7.850	9.391	17.241	0.429			5.0	193	10
06/02/24 11:50	3.289	4.273	7.561	0.474			4.4	189	11
06/02/24 11:55	5.678	3.851	9.529	0.539			4.2	188	10
06/02/24 12:00	4.534	2.495	7.029	0.453			4.7	190	09
06/02/24 12:05	6.585	4.248	10.834	0.435			4.9	191	11
06/02/24 12:10	4.697	1.565	6.262	0.503			5.2	193	09
06/02/24 12:15	5.454	3.444	8.897	0.593			4.5	189	12
06/02/24 12:20	6.403	6.052	12.455	0.553			5.4	193	09
06/02/24 12:25	6.566	5.254	11.820	0.468			4.4	190	12
06/02/24 12:30	5.426	2.586	8.012	0.467			4.4	193	10
06/02/24 12:35	6.599	2.425	9.025	0.461			4.2	190	13
06/02/24 12:40	5.538	2.240	7.778	0.537			4.9	194	09
06/02/24 12:45	5.040	4.243	9.283	0.531			4.1	187	13
06/02/24 12:50	5.738	3.552	9.290	0.440			3.6	193	10
06/02/24 12:55	6.287	4.602	10.889	0.370			4.0	189	14
06/02/24 13:00	7.570	4.437	12.007	0.382			3.7	187	13
06/02/24 13:05	4.661	2.048	6.709	0.365			4.1	189	11
06/02/24 13:10	4.969	3.253	8.222	0.384			4.0	192	12
06/02/24 13:15	7.298	4.990	12.288	0.287			3.9	195	10
06/02/24 13:20	8.269	5.778	14.047	0.351			3.7	185	15
06/02/24 13:25	8.237	5.969	14.206	0.414			3.6	190	12
06/02/24 13:30	8.300	4.648	12.948	0.341			3.5	188	13
06/02/24 13:35	6.042	3.591	9.632	0.327			4.2	182	14
06/02/24 13:40	7.693	4.116	11.808	0.278			4.4	190	13
06/02/24 13:45	7.261	4.131	11.392	0.257			4.0	189	14
06/02/24 13:50	4.287	3.671	7.958	0.223			4.2	188	14
06/02/24 13:55	4.864	3.082	7.946	0.222			3.9	191	11
06/02/24 14:00	7.969	2.068	10.037	0.239			4.3	188	13
06/02/24 14:05	7.889	3.670	11.559	0.262			4.1	189	14
06/02/24 14:10	6.177	3.159	9.336	0.237			4.5	185	10
06/02/24 14:15	5.540	5.778	11.319	0.336			4.0	186	15
06/02/24 14:20	7.042	2.002	9.044	0.363			4.2	183	16
06/02/24 14:25	5.298	3.149	8.447	0.331			4.1	188	16
06/02/24 14:30	4.276	1.522	5.799	0.317			3.7	184	16
06/02/24 14:35	3.586	0.948	4.534	0.337			4.5	186	13
06/02/24 14:40	4.220	1.436	5.655	0.254			4.3	183	14
06/02/24 14:45	3.794	2.138	5.932	0.234			4.6	190	12
06/02/24 14:50	4.051	2.966	7.017	0.282			5.0	191	11
06/02/24 14:55	2.470	0.797	3.266	0.247			4.3	180	21
06/02/24 15:00	1.699	1.298	2.997	0.242			4.1	184	13
06/02/24 15:05	1.349	1.483	2.832	0.339			3.9	184	13
06/02/24 15:10	1.287	1.566	2.853	0.338			3.6	180	19
06/02/24 15:15	1.183	1.438	2.620	0.379			4.7	185	14
06/02/24 15:20	1.122	1.711	2.833	0.412			3.9	173	18
06/02/24 15:25	0.953	0.638	1.592	0.409			4.2	187	13
06/02/24 15:30	1.623	1.368	2.991	0.418			4.7	186	14
06/02/24 15:35	2.566	5.866	8.432	0.403			5.0	191	11
06/02/24 15:40	3.387	3.692	7.079	0.351			4.0	181	19
06/02/24 15:45	2.241	0.526	2.767	0.269			4.0	183	18
06/02/24 15:50	1.318	0.833	2.151	0.204			3.7	184	18
06/02/24 15:55	1.986	1.696	3.682	0.148			4.6	185	14
06/02/24 16:00	2.058	1.484	3.542	0.206			5.0	187	14
06/02/24 16:05	2.190	1.508	3.698	0.177			5.3	186	13
06/02/24 16:10	2.057	1.473	3.531	0.239			4.1	181	17
06/02/24 16:15	1.843	1.060	2.903	0.257			4.7	183	12
06/02/24 16:20	2.031	1.276	3.307	0.330			5.1	181	13
06/02/24 16:25	2.081	0.883	2.964	0.362			4.0	177	22
06/02/24 16:30	1.551	0.135	1.685	0.298			4.4	182	15
06/02/24 16:35	1.453	0.798	2.251	0.277			4.6	177	15
06/02/24 16:40	1.186	0.480	1.666	0.271			3.9	171	19
06/02/24 16:45	1.103	0.320	1.423	0.349			4.0	176	16
06/02/24 16:50	1.020	0.392	1.412	0.255			4.0	181	16
06/02/24 16:55	1.153	1.047	2.200	0.170			4.8	185	14
06/02/24 17:00	1.192	1.399	2.591	0.166			4.0	181	15
06/02/24 17:05	1.319	1.887	3.207	0.173			4.4	186	14
06/02/24 17:10	2.890	7.254	10.144	0.194			4.7	192	11
06/02/24 17:15	4.463	6.806	11.269	0.183			4.6	190	11
06/02/24 17:20	6.855	3.528	10.383	0.157			4.8	190	11
06/02/24 17:25	6.724	3.610	10.333	0.234			4.9	193	11
06/02/24 17:30	5.929	3.350	9.280	0.226			4.4	189	13
06/02/24 17:35	8.452	7.858	16.310	0.237			4.7	191	11
06/02/24 17:40	7.443	3.207	10.650	0.282			4.6	189	11
06/02/24 17:45	9.145	5.467	14.612	0.281			4.6	189	14
06/02/24 17:50	7.655	4.500	12.155	0.389			5.3	187	10
06/02/24 17:55	7.443	5.370	12.813	0.429			4.6	188	12
06/02/24 18:00	9.133	7.048	16.180	0.458			4.6	192	09
06/02/24 18:05	10.527	6.819	17.347	0.362			4.7	187	12
06/02/24 18:10	5.166	5.166	10.332	0.407			5.3	187	12
06/02/24 18:15	5.870	4.891	10.761	0.349			4.6	186	12
06/02/24 18:20	6.914	5.244	12.158	0.371			5.2	187	11
06/02/24 18:25	6.778	5.119	11.897	0.375			5.0	187	12
06/02/24 18:30	6.772	5.064	11.835	0.318			5.4	187	12
06/02/24 18:35	4.702	3.039	7.741	0.302			4.4	183	13
06/02/24 18:40	4.098	3.563	7.661	0.297			4.5	186	13

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/02/24 18:45	2.900	1.679	4.579	0.273			4.6	184	11
06/02/24 18:50	6.998	3.716	10.714	0.260			4.9	185	12
06/02/24 18:55	6.508	6.730	13.238	0.255			4.5	186	12
06/02/24 19:00	2.692	2.107	4.799	0.225			4.3	186	12
06/02/24 19:05	1.850	2.691	4.542	0.266			4.7	187	12
06/02/24 19:10	2.584	2.792	5.376	0.312			3.9	185	14
06/02/24 19:15	3.151	1.795	4.946	0.320			3.9	180	16
06/02/24 19:20	1.972	1.083	3.055	0.224			3.4	185	13
06/02/24 19:25	1.533	1.478	3.010	0.181			3.6	184	14
06/02/24 19:30	1.148	1.586	2.734	0.229			4.3	183	13
06/02/24 19:35	1.615	2.372	3.987	0.264			4.4	185	11
06/02/24 19:40	2.678	3.506	6.184	0.285			3.4	181	18
06/02/24 19:45				0.274			3.5	176	19
06/02/24 19:50	0.815	0.762	1.577	0.233			3.3	178	18
06/02/24 19:55	0.371	1.047	1.418	0.174			3.4	171	21
06/02/24 20:00	0.303	0.897	1.200	0.252			3.4	173	21
06/02/24 20:05	0.152	0.752	0.904	0.219			3.4	178	17
06/02/24 20:10	0.146	0.640	0.786	0.242			2.7	165	28
06/02/24 20:15	0.197	0.506	0.703	0.286			3.8	159	20
06/02/24 20:20	0.172	0.402	0.574	0.263			2.7	170	26
06/02/24 20:25	0.213	0.361	0.574	0.234			3.2	171	25
06/02/24 20:30	0.358	0.327	0.685	0.215			3.4	132	18
06/02/24 20:35	0.267	0.435	0.701	0.217			3.5	141	22
06/02/24 20:40	0.154	0.422	0.576	0.162			3.4	133	16
06/02/24 20:45	0.128	0.442	0.570	0.241			3.4	133	22
06/02/24 20:50	0.049	0.479	0.528	0.239			4.8	138	12
06/02/24 20:55	-0.008	0.492	0.485	0.216			3.1	131	18
06/02/24 21:00	-0.070	0.508	0.439	0.210			3.9	132	13
06/02/24 21:05	-0.038	0.459	0.421	0.184			4.1	133	13
06/02/24 21:10	-0.087	0.467	0.381	0.195			2.9	133	21
06/02/24 21:15	-0.041	0.477	0.437	0.224			3.0	125	23
06/02/24 21:20	0.000	0.441	0.441	0.142			3.0	124	19
06/02/24 21:25	0.016	0.476	0.493	0.121			3.1	126	18
06/02/24 21:30	0.060	0.512	0.573	0.087			3.1	118	14
06/02/24 21:35	0.128	0.505	0.633	0.095			3.3	130	16
06/02/24 21:40	0.029	0.490	0.519	0.126			2.8	121	22
06/02/24 21:45	-0.007	0.448	0.441	0.149			3.3	133	19
06/02/24 21:50	-0.009	0.435	0.426	0.162			3.8	141	17
06/02/24 21:55	0.003	0.417	0.420	0.100			2.8	145	24
06/02/24 22:00	0.079	0.389	0.468	0.122			2.9	154	25
06/02/24 22:05	0.093	0.368	0.461	0.157			2.9	157	23
06/02/24 22:10	0.061	0.341	0.402	0.254			2.6	165	27
06/02/24 22:15	0.020	0.366	0.386	0.280			3.6	147	21
06/02/24 22:20	-0.027	0.379	0.352	0.209			2.9	153	24
06/02/24 22:25	-0.022	0.401	0.379	0.121			3.4	153	21
06/02/24 22:30	-0.009	0.331	0.322	0.092			2.9	161	28
06/02/24 22:35	-0.107	0.278	0.170	0.171			2.6	171	22
06/02/24 22:40	-0.078	0.304	0.225	0.181			3.4	153	22
06/02/24 22:45	-0.092	0.288	0.196	0.176			3.0	157	24
06/02/24 22:50	-0.011	0.284	0.273	0.169			3.0	181	15
06/02/24 22:55	0.061	0.303	0.364	0.127			2.4	161	26
06/02/24 23:00	-0.028	0.326	0.298	0.171			2.7	176	18
06/02/24 23:05	0.035	0.270	0.305	0.198			3.0	177	23
06/02/24 23:10	0.097	0.246	0.343	0.202			3.3	182	14
06/02/24 23:15	0.095	0.229	0.324	0.186			3.1	172	18
06/02/24 23:20	0.036	0.215	0.251	0.090			2.7	167	24
06/02/24 23:25	0.035	0.214	0.249	0.216			2.9	147	23
06/02/24 23:30	0.132	0.183	0.314	0.310			2.8	180	19
06/02/24 23:35	0.122	0.206	0.327	0.295			2.4	174	28
06/02/24 23:40	0.190	0.235	0.425	0.346			3.0	182	14
06/02/24 23:45	0.265	0.264	0.529	0.322			3.0	181	14
06/02/24 23:50	0.156	0.250	0.406				2.3	176	18
06/02/24 23:55	0.004	0.227	0.231				3.0	173	15
07/02/24 00:00	-0.007	0.212	0.204	-0.072			2.0	166	28
07/02/24 00:05	-0.018	0.239	0.222	-0.134			2.1	172	24
07/02/24 00:10	-0.131	0.244	0.114	-0.219			3.4	146	18
07/02/24 00:15	-0.182	0.219	0.037	-0.297			3.1	138	18
07/02/24 00:20	-0.100	0.175	0.075	-0.282			3.1	144	19
07/02/24 00:25	-0.062	0.178	0.116	-0.173			2.8	124	28
07/02/24 00:30	-0.065	0.323	0.258	-0.087			2.9	106	09
07/02/24 00:35	-0.053	0.406	0.353	-0.086			2.8	107	13
07/02/24 00:40	0.010	0.562	0.572	-0.084			2.8	103	10
07/02/24 00:45	-0.015	0.778	0.763	-0.019			3.1	100	10
07/02/24 00:50	-0.097	1.007	0.910	0.022			2.6	105	11
07/02/24 00:55	-0.037	1.088	1.051	0.070			2.0	118	19
07/02/24 01:00	-0.005	0.986	0.982	0.019			2.1	122	20
07/02/24 01:05							2.5	116	14
07/02/24 01:10							3.2	111	14
07/02/24 01:15							2.8	92	08
07/02/24 01:20							2.7	92	10
07/02/24 01:25							3.0	96	09
07/02/24 01:30							2.7	99	09
07/02/24 01:35							2.9	99	08
07/02/24 01:40							2.8	102	09
07/02/24 01:45							2.5	104	08
07/02/24 01:50							2.7	105	09
07/02/24 01:55							3.0	102	08
07/02/24 02:00							3.4	99	07
07/02/24 02:05	0.083	1.211	1.294	-0.078			3.0	101	07
07/02/24 02:10	0.082	1.391	1.473	-0.114			2.8	101	07
07/02/24 02:15	0.170	1.468	1.638	-0.095			2.9	100	08
07/02/24 02:20	0.159	1.608	1.767	-0.080			2.5	94	09
07/02/24 02:25	0.224	1.854	2.078	-0.039			2.8	97	09
07/02/24 02:30	0.256	2.273	2.529	0.061			3.0	95	07
07/02/24 02:35	0.094	2.759	2.853	0.083			3.2	97	06
07/02/24 02:40	0.007	3.220	3.227	0.132			3.1	95	06
07/02/24 02:45	0.000	3.612	3.612	0.107			2.7	96	08
07/02/24 02:50	0.065	3.942	4.007	0.135			2.4	95	12
07/02/24 02:55	0.064	4.330	4.394	0.123			2.9	101	09
07/02/24 03:00	0.165	4.625	4.790	0.117			3.1	98	07
07/02/24 03:05	0.193	4.818	5.011	0.066			2.8	100	07
07/02/24 03:10	0.139	4.904	5.043	0.144			2.7	102	09
07/02/24 03:15	0.080	4.839	4.918	0.145			2.6	103	08
07/02/24 03:20	0.104	4.744	4.848	0.207			3.3	100	06

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/02/24 03:25	0.214	4.580	4.794	0.174			3.3	99	08
07/02/24 03:30	0.198	4.383	4.581	0.154			3.1	99	07
07/02/24 03:35	0.177	4.190	4.367	0.228			3.3	99	05
07/02/24 03:40	0.161	4.061	4.222	0.245			2.7	99	07
07/02/24 03:45	0.148	4.070	4.218	0.227			2.7	103	07
07/02/24 03:50	0.024	3.999	4.024	0.080			2.4	109	11
07/02/24 03:55	0.021	3.762	3.783	0.098			2.0	131	20
07/02/24 04:00	0.042	3.413	3.455	0.071			2.6	132	16
07/02/24 04:05	0.062	3.168	3.231	0.071			2.9	112	11
07/02/24 04:10	0.171	3.395	3.566	0.029			2.4	104	10
07/02/24 04:15	0.266	3.882	4.148	-0.005			2.3	93	08
07/02/24 04:20	0.399	4.423	4.822	-0.053			1.9	89	16
07/02/24 04:25	0.444	4.999	5.443	0.001			2.1	86	11
07/02/24 04:30	0.314	5.499	5.813	0.026			2.1	89	11
07/02/24 04:35	0.419	5.938	6.357	0.069			1.9	96	15
07/02/24 04:40	0.527	6.269	6.796	0.067			2.0	108	10
07/02/24 04:45	0.553	6.215	6.767	0.049			1.9	96	08
07/02/24 04:50	0.483	6.175	6.657	0.056			1.9	84	13
07/02/24 04:55	0.468	6.249	6.717	0.059			1.8	84	13
07/02/24 05:00	0.508	6.516	7.024	0.061			1.8	85	12
07/02/24 05:05	0.556	6.677	7.233	-0.007			1.7	88	12
07/02/24 05:10	0.640	6.823	7.463	-0.009			2.3	98	08
07/02/24 05:15	0.635	6.974	7.609	0.063			2.0	95	11
07/02/24 05:20	0.626	7.331	7.957	0.021			2.1	90	12
07/02/24 05:25	0.630	7.694	8.324	0.024			2.1	85	13
07/02/24 05:30	0.724	8.288	9.012	-0.016			2.2	86	10
07/02/24 05:35	1.556	9.629	11.186	-0.007			2.1	84	15
07/02/24 05:40	1.078	9.780	10.859	-0.004			2.2	103	14
07/02/24 05:45	2.515	9.588	12.103	0.004			1.9	92	10
07/02/24 05:50	2.498	10.494	12.992	0.001			1.7	83	12
07/02/24 05:55	2.763	11.092	13.855	-0.006			1.7	67	14
07/02/24 06:00	3.678	10.587	14.265	0.053			1.9	75	11
07/02/24 06:05	3.326	10.929	14.255	0.063			1.8	76	11
07/02/24 06:10	4.430	11.093	15.523	-0.009			1.6	87	15
07/02/24 06:15	4.902	11.251	16.153	-0.025			1.5	96	15
07/02/24 06:20	5.248	11.230	16.478	-0.057			1.5	102	20
07/02/24 06:25	8.636	15.516	24.152	-0.070			1.6	55	18
07/02/24 06:30	12.138	12.977	25.115	0.068			1.5	67	18
07/02/24 06:35	9.207	12.195	21.402	0.110			2.1	85	12
07/02/24 06:40	9.044	11.197	20.242	0.176			1.9	90	13
07/02/24 06:45	9.688	12.935	22.623	0.144			1.5	93	16
07/02/24 06:50	11.707	13.364	25.072	0.147			2.0	90	13
07/02/24 06:55	54.701	10.036	64.738	0.239			2.1	103	12
07/02/24 07:00	13.642	13.649	27.290	0.288			2.8	104	08
07/02/24 07:05	9.983	10.019	20.002	0.218			2.8	108	10
07/02/24 07:10	6.202	8.917	15.119	0.265			2.6	115	08
07/02/24 07:15	5.684	7.922	13.605	0.287			2.6	116	09
07/02/24 07:20	5.224	6.153	11.377	0.280			2.6	116	08
07/02/24 07:25	5.570	6.262	11.831	0.252			2.9	112	09
07/02/24 07:30	7.687	7.743	15.430	0.228			3.0	111	08
07/02/24 07:35									
07/02/24 07:40									
07/02/24 07:45									
07/02/24 07:50									
07/02/24 07:55									
07/02/24 08:00									
07/02/24 08:05									
07/02/24 08:10									
07/02/24 08:15									
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07/02/24 09:30									
07/02/24 09:35									
07/02/24 09:40									
07/02/24 09:45									
07/02/24 09:50									
07/02/24 09:55									
07/02/24 10:00	3.578	2.177	5.755	0.600			3.2	188	15
07/02/24 10:05	3.062	1.009	4.071	0.492			2.8	184	17
07/02/24 10:10	2.636	0.997	3.633	0.479			3.0	187	16
07/02/24 10:15	2.376	1.257	3.632	0.446			3.1	186	16
07/02/24 10:20	2.044	1.458	3.503	0.337			3.1	189	14
07/02/24 10:25	1.807	1.508	3.314	0.345			3.6	188	13
07/02/24 10:30	1.756	1.784	3.540	0.335			3.5	188	13
07/02/24 10:35	1.616	2.075	3.690	0.286			3.4	192	12
07/02/24 10:40	1.558	2.105	3.663	0.187			3.7	190	13
07/02/24 10:45	1.410	2.127	3.537	0.134			3.7	193	13
07/02/24 10:50	1.397	2.139	3.536	0.116			3.2	192	13
07/02/24 10:55	1.250	1.877	3.127	0.087			3.8	192	12
07/02/24 11:00	0.999	1.705	2.704	0.046			4.1	194	11
07/02/24 11:05	0.774	1.590	2.364	0.118			4.3	199	09
07/02/24 11:10	0.567	1.528	2.095	0.158			4.0	197	10
07/02/24 11:15	0.447	1.507	1.954	0.050			4.7	197	09
07/02/24 11:20	0.536	1.387	1.923	0.026			4.5	198	08
07/02/24 11:25	0.617	1.344	1.961	0.071			4.3	198	10
07/02/24 11:30	0.757	1.304	2.061	0.053			4.7	199	10
07/02/24 11:35	0.963	1.522	2.485	0.087			4.7	197	08
07/02/24 11:40	0.919	1.601	2.520	0.176			4.6	198	10
07/02/24 11:45	0.983	1.695	2.678	0.203			5.0	197	10
07/02/24 11:50	0.959	1.864	2.823	0.197			5.1	199	10
07/02/24 11:55	3.046	3.446	6.492	0.166			4.8	199	10
07/02/24 12:00	2.890	3.861	6.751	0.212			4.9	201	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/02/24 12:05	1.446	1.879	3.325	0.228			4.7	199	10
07/02/24 12:10	1.423	1.712	3.136	0.168			4.9	199	11
07/02/24 12:15	1.901	2.329	4.230	0.159			4.7	198	11
07/02/24 12:20	1.251	1.773	3.024	0.201			5.1	198	12
07/02/24 12:25	1.203	1.640	2.843	0.277			4.8	199	10
07/02/24 12:30	1.280	2.111	3.391	0.232			4.8	200	12
07/02/24 12:35	1.323	1.788	3.111	0.206			5.0	198	13
07/02/24 12:40	1.237	7.319	8.556	0.155			5.2	193	10
07/02/24 12:45				0.083			5.2	195	09
07/02/24 12:50	2.661	2.685	5.347	0.017			5.0	196	12
07/02/24 12:55	2.162	0.913	3.075	0.063			5.3	197	09
07/02/24 13:00	3.265	3.348	6.613	0.146			5.5	195	12
07/02/24 13:05	1.784	1.716	3.501	0.176			5.2	196	09
07/02/24 13:10	2.192	2.177	4.368	0.165			5.8	194	08
07/02/24 13:15	2.288	2.069	4.357	0.102			5.2	195	10
07/02/24 13:20	2.134	1.918	4.052	0.059			5.3	195	10
07/02/24 13:25	2.019	1.880	3.900	0.067			5.5	194	11
07/02/24 13:30	1.857	1.864	3.721	0.061			5.6	195	10
07/02/24 13:35	1.661	1.762	3.423	0.085			5.1	196	11
07/02/24 13:40	1.921	1.996	3.917	0.046			5.1	195	10
07/02/24 13:45	1.757	2.004	3.762	0.064			5.1	194	10
07/02/24 13:50	1.345	2.026	3.370	0.088			5.2	196	11
07/02/24 13:55	1.432	1.956	3.389	0.037			5.2	197	11
07/02/24 14:00	1.944	2.465	4.409	0.142			5.8	195	10
07/02/24 14:05	3.752	3.831	7.584	0.183			5.6	196	11
07/02/24 14:10	1.908	1.694	3.602	0.120			5.9	193	08
07/02/24 14:15	0.759	1.415	2.174	0.075			5.4	194	11
07/02/24 14:20	0.666	1.482	2.148	-0.014			5.3	194	11
07/02/24 14:25	0.839	1.473	2.312	-0.092			5.4	195	09
07/02/24 14:30	1.188	1.636	2.824	-0.014			5.5	195	11
07/02/24 14:35	1.171	1.460	2.630	0.145			5.5	194	10
07/02/24 14:40	1.186	1.309	2.495	0.098			5.5	196	10
07/02/24 14:45	1.113	1.284	2.398	0.107			5.4	194	10
07/02/24 14:50	1.690	1.542	3.232	0.139			5.2	195	10
07/02/24 14:55	1.317	0.623	1.939	0.221			5.4	195	11
07/02/24 15:00	1.195	0.731	1.926	0.198			5.5	195	11
07/02/24 15:05	1.384	0.911	2.295	0.131			5.0	191	10
07/02/24 15:10	1.246	1.299	2.546	0.117			5.4	196	10
07/02/24 15:15	1.046	1.215	2.260	0.046			5.5	193	10
07/02/24 15:20	0.921	1.134	2.056	0.017			5.2	195	11
07/02/24 15:25	1.075	1.238	2.313	0.077			5.9	194	10
07/02/24 15:30	0.984	1.217	2.201	0.145			5.7	194	11
07/02/24 15:35	0.815	1.300	2.114	0.103			5.9	195	09
07/02/24 15:40	0.711	1.228	1.939	0.109			5.6	196	11
07/02/24 15:45	0.743	1.176	1.919	0.110			5.9	194	10
07/02/24 15:50	1.031	1.025	2.055	0.107			5.7	195	10
07/02/24 15:55	1.053	0.912	1.965	0.133			5.6	194	11
07/02/24 16:00	0.872	0.940	1.811	0.109			6.1	194	11
07/02/24 16:05	0.768	0.926	1.694	0.129			6.1	193	10
07/02/24 16:10	0.802	0.921	1.723	0.131			6.2	195	09
07/02/24 16:15	0.935	0.909	1.843	0.085			5.6	197	10
07/02/24 16:20	1.062	0.731	1.794	0.001			5.6	198	12
07/02/24 16:25	1.590	0.868	2.458	-0.047			5.3	195	10
07/02/24 16:30	4.856	5.970	10.827	0.083			5.4	194	13
07/02/24 16:35	4.628	1.554	6.182	0.191			5.6	190	10
07/02/24 16:40	2.145	0.755	2.900	0.139			5.9	192	09
07/02/24 16:45	3.183	5.406	8.589	0.243			5.7	194	10
07/02/24 16:50	3.802	4.160	7.962	0.340			5.5	194	09
07/02/24 16:55	2.497	0.832	3.329	0.289			6.0	190	10
07/02/24 17:00	2.602	2.160	4.762	0.327			5.5	188	11
07/02/24 17:05	1.433	1.797	3.230	0.382			5.7	189	10
07/02/24 17:10	5.509	8.833	14.342	0.208			5.3	189	11
07/02/24 17:15	9.401	6.066	15.467	0.157			4.9	191	11
07/02/24 17:20	6.660	6.225	12.885	0.189			4.7	188	13
07/02/24 17:25	2.941	3.273	6.213	0.194			4.7	188	12
07/02/24 17:30	1.085	1.694	2.779	0.145			4.5	185	13
07/02/24 17:35	0.950	0.947	1.897	0.079			5.5	188	11
07/02/24 17:40	1.304	2.165	3.470	0.133			4.8	188	14
07/02/24 17:45	1.215	1.331	2.546	0.127			4.9	187	13
07/02/24 17:50	1.324	2.120	3.444	0.180			4.9	188	11
07/02/24 17:55	1.269	1.578	2.848	0.172			5.5	189	11
07/02/24 18:00	1.207	1.385	2.592	0.138			5.0	192	12
07/02/24 18:05	1.123	1.634	2.757	0.081			5.0	188	10
07/02/24 18:10	0.885	1.648	2.533	0.043			5.1	184	11
07/02/24 18:15	0.789	1.543	2.331	0.032			4.6	186	14
07/02/24 18:20	0.733	1.532	2.265	0.044			4.6	188	12
07/02/24 18:25	0.499	1.404	1.903	0.071			4.8	191	12
07/02/24 18:30	0.419	1.275	1.694	0.081			4.8	189	10
07/02/24 18:35	0.371	1.061	1.432	0.188			5.0	190	09
07/02/24 18:40	0.251	0.935	1.186	0.228			5.8	189	11
07/02/24 18:45	0.250	0.787	1.037	0.194			5.0	184	16
07/02/24 18:50	0.273	0.694	0.967	0.187			4.1	176	19
07/02/24 18:55	0.243	0.618	0.861	0.189			4.1	177	17
07/02/24 19:00	0.281	0.542	0.823	0.084			4.0	175	18
07/02/24 19:05	0.235	0.489	0.725	-0.030			4.2	180	14
07/02/24 19:10	0.199	0.444	0.642	-0.045			4.2	178	17
07/02/24 19:15	0.150	0.458	0.607	-0.008			3.9	177	17
07/02/24 19:20	0.042	0.455	0.497	0.035			4.5	186	13
07/02/24 19:25	0.014	0.466	0.480	0.021			4.0	178	17
07/02/24 19:30	0.086	0.411	0.497	0.070			4.3	185	13
07/02/24 19:35	0.300	0.455	0.755	0.148			3.5	176	24
07/02/24 19:40	0.299	0.507	0.806	0.106			3.1	174	22
07/02/24 19:45	0.193	0.426	0.619	0.041			3.1	170	27
07/02/24 19:50	0.205	0.398	0.603	0.078			2.9	167	27
07/02/24 19:55	0.114	0.435	0.549	0.077			3.2	165	24
07/02/24 20:00	0.112	0.405	0.517	0.089			2.8	165	30
07/02/24 20:05	0.143	0.418	0.561	0.040			3.1	167	29
07/02/24 20:10	0.090	0.475	0.565	-0.031			3.9	168	18
07/02/24 20:15	0.136	0.463	0.599	-0.099			3.4	165	23
07/02/24 20:20	0.060	0.498	0.559	-0.162			3.8	172	21
07/02/24 20:25	0.074	0.481	0.555	-0.160			3.7	177	17
07/02/24 20:30	0.130	0.520	0.650	-0.085			3.4	172	23
07/02/24 20:35	0.095	0.638	0.732	-0.047			3.9	170	18
07/02/24 20:40	0.097	0.712	0.809	-0.033			3.5	174	21

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/02/24 20:45	0.035	0.823	0.859	-0.021			4.1	175	17
07/02/24 20:50	-0.002	0.848	0.846	-0.030			3.4	173	23
07/02/24 20:55	0.025	0.833	0.858	0.023			3.5	175	20
07/02/24 21:00	0.113	0.744	0.858	0.034			2.9	169	25
07/02/24 21:05	-0.025	0.661	0.636	-0.004			2.8	166	29
07/02/24 21:10	-0.052	0.603	0.551	-0.013			3.3	157	27
07/02/24 21:15	-0.058	0.553	0.495	0.037			2.3	169	34
07/02/24 21:20	-0.039	0.505	0.466	0.093			3.1	162	21
07/02/24 21:25	0.012	0.455	0.467	0.163			2.7	163	28
07/02/24 21:30	0.068	0.433	0.501	0.141			2.8	164	30
07/02/24 21:35	0.041	0.401	0.441	0.024			2.5	168	29
07/02/24 21:40	0.078	0.396	0.474	0.051			3.5	156	22
07/02/24 21:45	0.155	0.366	0.521	0.080			3.1	157	24
07/02/24 21:50	0.121	0.322	0.444	0.066			3.4	155	24
07/02/24 21:55	0.089	0.285	0.374	0.025			5.0	141	14
07/02/24 22:00	0.046	0.330	0.376	0.042			4.9	144	16
07/02/24 22:05	0.109	0.288	0.397	0.050			3.6	150	25
07/02/24 22:10	-0.005	0.313	0.308	0.109			5.5	139	12
07/02/24 22:15	-0.088	0.446	0.358	0.029			5.6	138	11
07/02/24 22:20	-0.009	0.448	0.439	0.037			5.1	141	11
07/02/24 22:25	-0.017	0.522	0.505	0.076			4.2	135	16
07/02/24 22:30	-0.116	0.659	0.544	0.120			4.3	135	12
07/02/24 22:35	-0.090	0.704	0.614	0.107			4.8	135	13
07/02/24 22:40	-0.053	0.665	0.612	0.092			4.6	139	18
07/02/24 22:45	-0.052	0.653	0.601	0.018			4.7	140	13
07/02/24 22:50	-0.036	0.602	0.566	0.033			4.0	138	20
07/02/24 22:55	-0.001	0.566	0.565	-0.042			4.1	136	17
07/02/24 23:00	-0.048	0.584	0.536	-0.053			4.0	137	15
07/02/24 23:05	-0.006	0.633	0.627	-0.009			2.8	124	22
07/02/24 23:10	0.001	0.623	0.623	0.059			3.3	129	20
07/02/24 23:15	0.108	0.606	0.714	0.033			5.0	134	11
07/02/24 23:20	0.105	0.557	0.662	0.079			3.7	133	17
07/02/24 23:25	0.063	0.540	0.603	0.108			3.6	132	19
07/02/24 23:30	0.003	0.575	0.578	0.115			2.8	126	23
07/02/24 23:35	0.019	0.533	0.552	0.126			3.8	135	14
07/02/24 23:40	-0.013	0.516	0.504	0.079			4.1	135	14
07/02/24 23:45	-0.127	0.571	0.444	-0.033			4.1	134	12
07/02/24 23:50	-0.153	0.535	0.383				5.4	138	11
07/02/24 23:55	-0.046	0.492	0.446				5.3	137	12
08/02/24 00:00	-0.016	0.447	0.431	-0.061			4.9	135	10
08/02/24 00:05	0.023	0.476	0.499	-0.052			4.5	129	14
08/02/24 00:10	-0.042	0.491	0.449	-0.019			4.9	133	13
08/02/24 00:15	0.003	0.520	0.522	0.007			4.7	135	14
08/02/24 00:20	0.039	0.493	0.531	0.072			4.9	134	16
08/02/24 00:25	0.109	0.508	0.618	0.099			4.0	136	17
08/02/24 00:30	0.117	0.560	0.677	0.112			4.1	134	16
08/02/24 00:35	0.116	0.510	0.626	0.178			4.3	133	15
08/02/24 00:40	0.047	0.532	0.579	0.320			4.5	136	12
08/02/24 00:45	0.010	0.531	0.542	0.329			5.0	136	12
08/02/24 00:50	0.076	0.548	0.624	0.365			4.7	136	13
08/02/24 00:55	0.215	0.546	0.760	0.391			4.4	134	14
08/02/24 01:00	0.170	0.515	0.685	0.351			4.4	133	14
08/02/24 01:05							4.4	134	13
08/02/24 01:10							5.4	139	12
08/02/24 01:15							4.3	134	15
08/02/24 01:20							4.9	134	12
08/02/24 01:25							3.6	131	16
08/02/24 01:30							4.3	134	13
08/02/24 01:35							3.3	130	17
08/02/24 01:40							4.2	133	15
08/02/24 01:45							3.8	135	15
08/02/24 01:50							4.5	139	14
08/02/24 01:55							3.3	130	18
08/02/24 02:00							3.8	131	11
08/02/24 02:05	0.076	1.031	1.108	0.328			3.4	131	15
08/02/24 02:10	0.072	1.137	1.209	0.304			4.1	139	14
08/02/24 02:15	0.080	1.326	1.407	0.353			3.8	133	16
08/02/24 02:20	0.045	1.551	1.595	-0.319			3.2	129	16
08/02/24 02:25	0.083	1.617	1.700	0.250			4.2	139	13
08/02/24 02:30	0.049	1.676	1.726	0.214			3.8	135	15
08/02/24 02:35	0.046	1.650	1.696	0.207			3.4	135	17
08/02/24 02:40	0.101	1.698	1.799	0.203			3.4	129	19
08/02/24 02:45	0.125	1.624	1.749	0.185			4.4	134	13
08/02/24 02:50	0.104	1.539	1.643	0.038			2.5	124	23
08/02/24 02:55	0.132	1.417	1.549	0.018			4.4	136	09
08/02/24 03:00	0.005	1.368	1.374	0.105			3.8	134	14
08/02/24 03:05	0.054	1.259	1.314	0.086			3.2	131	15
08/02/24 03:10	0.054	1.104	1.159	0.037			3.1	133	21
08/02/24 03:15	0.044	1.018	1.062	0.111			4.0	137	10
08/02/24 03:20	-0.034	0.975	0.941	0.113			4.8	137	12
08/02/24 03:25	-0.073	0.914	0.841	0.089			4.4	142	16
08/02/24 03:30	-0.003	0.796	0.792	0.085			4.7	143	13
08/02/24 03:35	0.004	0.739	0.742	0.140			4.4	147	15
08/02/24 03:40	0.012	0.750	0.762	0.146			4.1	146	19
08/02/24 03:45	-0.065	0.827	0.761	0.081			4.2	142	18
08/02/24 03:50	-0.194	0.908	0.714	0.075			5.0	145	14
08/02/24 03:55	-0.178	0.914	0.736	0.109			3.1	153	21
08/02/24 04:00	-0.197	1.028	0.830	-0.005			3.6	150	20
08/02/24 04:05	-0.167	1.086	0.918	0.036			4.1	148	19
08/02/24 04:10	-0.234	1.032	0.798	0.150			3.5	154	24
08/02/24 04:15	-0.189	1.031	0.842	0.193			3.9	148	21
08/02/24 04:20	-0.163	1.126	0.962	0.252			4.2	149	19
08/02/24 04:25	-0.104	1.159	1.055	0.218			4.0	148	17
08/02/24 04:30	0.008	1.220	1.228	0.184			3.9	148	19
08/02/24 04:35	0.037	1.300	1.338	0.230			5.3	140	16
08/02/24 04:40	0.035	1.331	1.366	0.314			4.2	146	18
08/02/24 04:45	-0.053	1.320	1.267	0.353			5.1	143	13
08/02/24 04:50	0.010	1.320	1.330	0.401			4.4	148	19
08/02/24 04:55	0.008	1.346	1.354	0.371			4.4	149	20
08/02/24 05:00	-0.048	1.328	1.280	0.324			3.0	153	25
08/02/24 05:05	-0.064	1.354	1.290	0.315			4.2	148	21
08/02/24 05:10	-0.057	1.332	1.276	0.345			3.9	146	17
08/02/24 05:15	0.017	1.372	1.390	0.373			4.3	147	18
08/02/24 05:20	0.027	1.391	1.418	0.372			5.3	142	12

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/02/24 05:25	0.110	1.335	1.445	0.375			4.1	147	19
08/02/24 05:30	0.071	1.349	1.420	0.463			4.1	144	17
08/02/24 05:35	0.099	1.309	1.408	0.527			4.6	144	17
08/02/24 05:40	0.166	1.300	1.466	0.522			4.8	145	17
08/02/24 05:45	0.136	1.435	1.571	0.552			5.7	138	10
08/02/24 05:50	0.122	1.457	1.579	0.587			5.7	139	09
08/02/24 05:55	0.164	1.567	1.731	0.572			5.3	139	12
08/02/24 06:00	0.190	1.705	1.895	0.633			4.6	137	15
08/02/24 06:05	0.238	1.705	1.943	0.595			5.2	142	13
08/02/24 06:10	0.226	1.770	1.996	0.641			4.3	141	15
08/02/24 06:15	0.258	1.811	2.069	0.756			5.3	139	09
08/02/24 06:20	0.247	1.794	2.041	0.739			5.1	135	10
08/02/24 06:25	0.095	1.718	1.813	0.700			5.1	138	14
08/02/24 06:30	0.088	1.690	1.779	0.655			4.3	147	20
08/02/24 06:35	0.237	1.657	1.893	0.697			4.8	143	16
08/02/24 06:40	0.733	1.447	2.181	0.735			4.2	140	17
08/02/24 06:45	0.394	0.953	1.347	0.757			3.7	147	20
08/02/24 06:50	0.489	0.838	1.326	0.771			5.0	143	15
08/02/24 06:55	0.425	1.034	1.459	0.767			4.8	141	14
08/02/24 07:00	0.477	1.181	1.658	0.840			4.1	148	18
08/02/24 07:05	0.508	1.281	1.788	0.739			4.1	139	14
08/02/24 07:10	0.672	1.301	1.973	0.692			2.4	131	29
08/02/24 07:15	0.475	1.444	1.919	0.617			3.3	136	18
08/02/24 07:20	0.416	1.437	1.853	0.552			3.3	140	17
08/02/24 07:25	1.379	2.459	3.838	0.638			3.4	132	16
08/02/24 07:30	2.696	2.211	4.907	0.745			2.8	131	21
08/02/24 07:35	0.554	1.581	2.134	0.814			3.1	128	21
08/02/24 07:40	1.322	1.425	2.747	0.866			3.9	143	15
08/02/24 07:45				0.916			3.5	133	19
08/02/24 07:50	8.399	2.595	10.994	1.070			3.2	116	16
08/02/24 07:55	1.653	2.599	4.252	1.017			3.7	116	14
08/02/24 08:00	1.323	2.479	3.802	0.986			2.3	125	18
08/02/24 08:05	1.250	2.295	3.545	1.007			4.1	110	08
08/02/24 08:10				0.923			4.2	105	06
08/02/24 08:15	20.895	4.503	25.397	0.959			3.1	105	10
08/02/24 08:20	18.736	8.317	27.053	0.942			3.3	106	09
08/02/24 08:25	11.942	25.837	37.780	0.938			2.7	94	15
08/02/24 08:30	5.534	5.632	11.166	0.884			3.6	98	11
08/02/24 08:35	2.810	4.790	7.600	0.859			3.7	111	10
08/02/24 08:40	3.201	4.435	7.637	0.798			2.3	115	17
08/02/24 08:45	4.706	5.128	9.834	0.778			4.0	109	08
08/02/24 08:50				0.805			2.9	112	14
08/02/24 08:55	16.800	10.282	27.082	0.909			2.7	117	12
08/02/24 09:00	9.802	7.772	17.574	0.906			3.6	110	08
08/02/24 09:05	6.436	6.978	13.413	0.815			3.5	108	07
08/02/24 09:10	7.741	8.190	15.931	0.913			3.2	112	09
08/02/24 09:15	15.655	9.089	24.744	0.952			2.9	115	09
08/02/24 09:20	24.130	3.605	27.735	0.872			2.4	117	14
08/02/24 09:25	6.572	5.494	12.066	0.899			1.6	124	21
08/02/24 09:30	4.819	4.449	9.268	0.905			2.9	110	10
08/02/24 09:35	9.102	2.026	11.128	0.980			2.2	121	17
08/02/24 09:40	7.950	6.495	14.445	1.005			1.3	126	26
08/02/24 09:45	7.897	2.790	10.687	1.012			1.4	119	23
08/02/24 09:50	11.788	4.415	16.204	1.014			0.7	133	32
08/02/24 09:55	8.735	6.738	15.473	0.953			1.0	151	26
08/02/24 10:00	5.483	6.006	11.489	0.914			1.2	174	28
08/02/24 10:05	5.693	6.885	12.578	0.936			1.7	200	19
08/02/24 10:10	6.865	7.940	14.804	0.940			2.3	210	08
08/02/24 10:15	5.279	4.926	10.205	0.946			2.5	219	08
08/02/24 10:20	5.302	5.217	10.519	0.846			2.4	230	08
08/02/24 10:25	5.144	5.432	10.577	0.750			2.5	230	08
08/02/24 10:30	5.154	5.371	10.525	0.738			3.0	226	11
08/02/24 10:35	4.995	5.054	10.049	0.748			3.1	222	06
08/02/24 10:40	4.784	4.564	9.349	0.822			3.3	217	09
08/02/24 10:45	4.425	4.493	8.918	0.784			3.1	221	07
08/02/24 10:50	4.179	4.622	8.800	0.771			3.3	219	03
08/02/24 10:55	3.988	4.520	8.509	0.735			3.4	213	05
08/02/24 11:00	3.877	4.284	8.161	0.664			4.0	215	04
08/02/24 11:05	3.548	4.040	7.588	0.618			3.6	217	07
08/02/24 11:10	73.072	0.739	73.811	0.866			3.3	211	05
08/02/24 11:15	13.644	7.263	20.906	1.249			3.8	207	08
08/02/24 11:20	5.435	3.666	9.101	1.453			3.9	210	07
08/02/24 11:25	10.918	5.138	16.056	1.573			3.9	202	09
08/02/24 11:30	18.178	12.739	30.917	1.753			3.7	209	06
08/02/24 11:35	14.740	11.391	26.132	1.876			3.8	196	09
08/02/24 11:40	9.623	5.788	15.411	1.969			3.7	200	10
08/02/24 11:45	22.727	10.926	33.653	1.800			3.9	200	10
08/02/24 11:50	30.818	13.991	44.809	1.827			4.1	206	06
08/02/24 11:55	22.916	4.128	27.044	1.863			4.2	201	11
08/02/24 12:00	48.461	18.106	66.568	1.771			4.3	203	10
08/02/24 12:05	15.506	9.153	24.659	1.867			3.7	201	11
08/02/24 12:10	7.357	6.397	13.754	1.907			3.7	198	12
08/02/24 12:15	11.376	7.448	18.824	1.868			3.9	200	09
08/02/24 12:20	4.122	4.787	8.908	1.748			4.0	205	09
08/02/24 12:25	2.255	2.310	4.565	1.648			3.8	201	08
08/02/24 12:30	1.757	2.413	4.170	1.436			3.6	200	11
08/02/24 12:35	1.627	2.794	4.421	1.322			3.6	202	11
08/02/24 12:40	1.869	3.391	5.260	1.257			4.1	204	08
08/02/24 12:45	1.879	2.844	4.723	1.087			3.9	204	11
08/02/24 12:50	1.928	2.794	4.722	1.044			4.2	209	06
08/02/24 12:55	2.109	3.717	5.826	1.235			4.3	209	06
08/02/24 13:00	2.139	3.166	5.305	1.188			4.4	209	08
08/02/24 13:05	1.966	1.294	3.260	1.312			4.6	212	05
08/02/24 13:10	1.268	0.535	1.803	1.282			4.5	209	05
08/02/24 13:15	1.167	1.027	2.194	1.179			4.8	211	07
08/02/24 13:20	1.109	1.626	2.735	1.375			4.7	209	06
08/02/24 13:25	1.091	1.709	2.800	1.388			4.7	209	07
08/02/24 13:30	1.222	1.919	3.141	1.508			5.1	210	07
08/02/24 13:35	2.111	2.705	4.815	1.688			5.5	210	06
08/02/24 13:40	1.211	1.330	2.540	1.688			5.2	212	06
08/02/24 13:45	1.069	1.239	2.308	1.634			5.1	211	05
08/02/24 13:50	2.722	6.165	8.887	1.505			4.8	208	07
08/02/24 13:55	3.036	3.627	6.662	1.854			5.0	211	06
08/02/24 14:00	6.156	4.944	11.100	1.782			4.9	207	09

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/02/24 14:05	3.997	1.662	5.659	1.627			4.5	210	07
08/02/24 14:10	9.538	0.050	9.588	1.839			4.5	206	11
08/02/24 14:15	16.397	6.687	23.083	1.963			4.7	207	09
08/02/24 14:20	6.700	11.816	18.516	1.991			4.2	204	11
08/02/24 14:25	8.603	8.043	16.646	2.306			4.5	206	09
08/02/24 14:30	28.217	7.357	35.574	2.602			4.5	201	11
08/02/24 14:35	28.515	6.240	34.756	3.107			4.3	203	10
08/02/24 14:40	17.341	7.046	24.387	3.402			4.2	201	11
08/02/24 14:45	33.742	8.072	41.814	3.493			4.3	201	13
08/02/24 14:50	25.423	4.642	30.065	3.735			4.4	205	10
08/02/24 14:55	51.746	10.453	62.200	4.176			4.3	201	12
08/02/24 15:00	38.603	6.592	45.195	5.350			4.8	199	12
08/02/24 15:05	65.925	14.258	80.183	7.052			4.3	199	13
08/02/24 15:10	69.797	30.936	100.733	9.149			4.6	197	10
08/02/24 15:15				10.064			4.5	202	12
08/02/24 15:20	99.250	9.202	108.453	11.521			4.7	200	11
08/02/24 15:25	113.041	32.936	145.977	13.366			4.8	196	11
08/02/24 15:30	108.985	11.590	120.575	14.105			4.5	200	12
08/02/24 15:35	52.405	15.642	68.047	13.895			4.7	197	11
08/02/24 15:40	126.669	43.709	170.378	13.242			4.7	200	11
08/02/24 15:45	102.735	35.417	138.152	14.972			4.8	196	10
08/02/24 15:50	103.393	41.469	144.862	18.340			4.6	195	10
08/02/24 15:55	100.721	30.874	131.595	17.258			4.5	201	11
08/02/24 16:00	125.350	23.983	149.333	17.356			4.4	194	11
08/02/24 16:05	38.534	16.651	55.185	14.708			4.9	193	08
08/02/24 16:10	50.852	15.382	66.234	10.405			4.4	194	11
08/02/24 16:15	18.576	9.321	27.897	10.076			5.2	194	08
08/02/24 16:20	35.072	13.792	48.864	8.046			4.6	196	10
08/02/24 16:25	25.233	13.355	38.588	7.055			4.8	195	10
08/02/24 16:30	22.508	8.980	31.488	6.546			5.1	194	09
08/02/24 16:35	26.623	13.222	39.846	5.957			5.7	193	09
08/02/24 16:40	26.351	13.451	39.802	5.642			5.8	193	07
08/02/24 16:45	46.628	26.329	72.957	5.852			4.8	195	09
08/02/24 16:50	47.815	20.249	68.064	6.061			5.2	194	09
08/02/24 16:55	65.845	20.750	86.595	6.832			5.7	194	07
08/02/24 17:00	47.789	17.679	65.468	6.610			6.1	193	08
08/02/24 17:05	15.495	8.542	24.037	6.401			6.5	194	07
08/02/24 17:10	17.106	3.549	20.655	5.400			6.2	195	06
08/02/24 17:15	124.292	7.723	132.016	5.392			5.3	194	08
08/02/24 17:20	39.063	11.850	50.913	6.319			6.0	197	08
08/02/24 17:25	6.278	8.828	15.106	5.097			6.1	195	09
08/02/24 17:30	9.317	13.618	22.935	4.325			5.5	194	09
08/02/24 17:35				3.752			6.4	196	07
08/02/24 17:40	17.977	2.936	20.914	3.277			5.4	196	08
08/02/24 17:45	4.671	7.443	12.113	3.110			5.5	194	10
08/02/24 17:50	26.015	13.236	39.251	3.079			4.9	194	08
08/02/24 17:55	1.859	3.762	5.621	2.944			5.5	196	12
08/02/24 18:00	2.373	4.051	6.423	2.734			4.6	195	12
08/02/24 18:05	5.129	6.436	11.565	2.773			5.4	196	08
08/02/24 18:10	9.292	4.707	13.999	2.763			4.0	194	13
08/02/24 18:15	11.598	11.209	22.807	2.701			4.6	195	09
08/02/24 18:20	14.871	4.468	19.339	3.027			4.5	195	08
08/02/24 18:25	27.909	3.927	31.836	3.126			3.8	190	16
08/02/24 18:30	14.258	10.140	24.398	3.191			4.1	193	10
08/02/24 18:35	14.659	3.978	18.637	2.926			4.5	195	09
08/02/24 18:40	15.234	7.584	22.818	3.007			3.7	194	10
08/02/24 18:45	24.019	9.074	33.092	3.157			3.3	191	12
08/02/24 18:50	11.257	11.076	22.334	3.276			2.9	187	16
08/02/24 18:55	17.569	5.560	23.129	3.077			3.8	194	10
08/02/24 19:00	23.288	9.167	32.455	2.910			3.0	189	12
08/02/24 19:05	20.536	13.559	34.096	2.798			3.1	186	16
08/02/24 19:10	49.442	14.170	63.611	2.850			4.8	193	08
08/02/24 19:15	12.074	7.847	19.921	2.881			3.1	189	16
08/02/24 19:20	1.096	1.650	2.747	2.417			3.1	184	14
08/02/24 19:25	0.436	1.695	2.131	2.072			3.9	186	12
08/02/24 19:30	0.304	1.483	1.787	1.784			3.2	185	16
08/02/24 19:35	0.318	1.282	1.600	1.771			3.5	187	14
08/02/24 19:40	0.415	1.189	1.604	1.529			2.8	181	19
08/02/24 19:45	0.318	0.993	1.311	1.196			3.1	177	18
08/02/24 19:50	0.230	0.904	1.134	1.265			2.9	181	16
08/02/24 19:55	0.193	0.840	1.033	1.382			2.7	178	23
08/02/24 20:00	0.163	0.781	0.944	1.151			3.1	179	17
08/02/24 20:05	0.139	0.738	0.877	1.046			2.9	185	16
08/02/24 20:10	0.065	0.729	0.794	0.911			3.5	185	13
08/02/24 20:15	0.031	0.759	0.790	0.908			3.3	184	15
08/02/24 20:20	0.014	0.793	0.806	0.993			3.5	186	13
08/02/24 20:25	0.007	0.824	0.831	0.968			2.9	183	19
08/02/24 20:30	0.085	0.702	0.786	1.027			3.7	184	13
08/02/24 20:35	0.166	0.715	0.881	0.866			3.7	181	13
08/02/24 20:40	0.100	0.759	0.859	0.701			3.0	184	15
08/02/24 20:45	-0.013	0.724	0.712	0.735			2.7	182	19
08/02/24 20:50	-0.029	0.679	0.650	0.796			2.6	180	17
08/02/24 20:55	-0.004	0.629	0.625	0.850			3.2	178	18
08/02/24 21:00	0.136	0.595	0.732	0.850			3.3	178	15
08/02/24 21:05	0.185	0.527	0.713	0.766			3.4	186	12
08/02/24 21:10	0.183	0.471	0.653	0.580			3.6	185	14
08/02/24 21:15	0.237	0.451	0.688	0.376			3.7	189	10
08/02/24 21:20	0.289	0.420	0.709	0.387			4.1	188	11
08/02/24 21:25	0.297	0.392	0.689	0.390			3.3	180	16
08/02/24 21:30	0.241	0.391	0.633	0.550			3.2	185	14
08/02/24 21:35	0.297	0.369	0.665	0.688			3.5	181	14
08/02/24 21:40	0.242	0.438	0.680	0.759			2.8	176	20
08/02/24 21:45	0.221	0.522	0.744	0.673			3.3	184	14
08/02/24 21:50	0.246	0.578	0.824	0.560			4.0	184	14
08/02/24 21:55	0.248	0.695	0.942	0.603			3.5	184	15
08/02/24 22:00	0.221	0.730	0.951	0.472			3.0	181	14
08/02/24 22:05	0.143	0.701	0.844	0.436			3.1	184	13
08/02/24 22:10	0.105	0.692	0.797	0.404			3.6	185	14
08/02/24 22:15	0.059	0.727	0.786	0.353			2.9	185	13
08/02/24 22:20	0.112	0.726	0.838	0.206			3.2	184	15
08/02/24 22:25	0.019	0.657	0.676	0.205			2.8	187	15
08/02/24 22:30	0.047	0.646	0.693	0.195			2.7	183	19
08/02/24 22:35	0.063	0.662	0.725	0.240			3.7	186	12
08/02/24 22:40	0.058	0.634	0.692	0.281			3.2	186	13

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/02/24 22:45	-0.007	0.578	0.571	0.145			3.4	188	14
08/02/24 22:50	0.064	0.602	0.667	0.055			2.5	175	20
08/02/24 22:55	0.030	0.660	0.690	0.053			2.4	182	18
08/02/24 23:00	-0.008	0.592	0.584	0.213			2.5	185	14
08/02/24 23:05	-0.011	0.561	0.550	0.264			2.5	181	16
08/02/24 23:10	-0.002	0.612	0.611	0.216			2.4	181	15
08/02/24 23:15	0.033	0.588	0.621	0.225			2.5	191	12
08/02/24 23:20	0.106	0.575	0.681	0.230			3.2	192	11
08/02/24 23:25	0.097	0.585	0.682	0.212			2.9	191	11
08/02/24 23:30	0.038	0.571	0.610	0.295			2.4	187	14
08/02/24 23:35	0.106	0.570	0.676	0.335			2.6	189	11
08/02/24 23:40	0.116	0.560	0.676	0.132			2.6	190	12
08/02/24 23:45	0.109	0.545	0.654	-0.068			3.4	195	09
08/02/24 23:50	0.233	0.488	0.721				3.2	193	11
08/02/24 23:55	0.197	0.389	0.587				3.2	191	10
09/02/24 00:00	0.095	0.395	0.489	0.248			3.1	192	10
09/02/24 00:05	0.085	0.469	0.554	0.260			3.3	192	10
09/02/24 00:10	0.150	0.506	0.656	0.217			3.1	191	11
09/02/24 00:15	0.172	0.498	0.670	0.401			3.3	189	11
09/02/24 00:20	0.184	0.557	0.742	0.399			3.4	190	09
09/02/24 00:25	0.137	0.539	0.676	0.341			3.0	192	11
09/02/24 00:30	0.037	0.541	0.578	0.401			3.2	192	10
09/02/24 00:35	-0.029	0.591	0.562	0.508			2.6	190	10
09/02/24 00:40	-0.096	0.622	0.526	0.399			3.1	193	11
09/02/24 00:45	-0.039	0.566	0.526	0.443			2.8	192	11
09/02/24 00:50	0.020	0.609	0.628	0.491			2.8	184	12
09/02/24 00:55	-0.068	0.505	0.436	0.362			2.9	189	11
09/02/24 01:00	-0.034	0.423	0.389	0.290			3.0	192	10
09/02/24 01:05							2.4	190	12
09/02/24 01:10							2.7	189	10
09/02/24 01:15							2.7	188	11
09/02/24 01:20							2.7	193	08
09/02/24 01:25							3.0	191	11
09/02/24 01:30							3.1	196	08
09/02/24 01:35							2.7	190	12
09/02/24 01:40							3.1	196	12
09/02/24 01:45							2.9	192	11
09/02/24 01:50							3.2	195	12
09/02/24 01:55							3.7	205	06
09/02/24 02:00							3.8	199	06
09/02/24 02:05	-0.086	0.922	0.836	0.449			4.3	203	05
09/02/24 02:10	-0.081	1.180	1.098	0.468			4.4	202	07
09/02/24 02:15	-0.065	1.370	1.305	0.396			3.1	196	09
09/02/24 02:20	0.007	1.419	1.426	0.429			4.0	204	07
09/02/24 02:25	0.000	1.374	1.374	0.372			3.4	200	08
09/02/24 02:30	0.079	1.327	1.406	0.356			3.2	204	12
09/02/24 02:35	-0.048	1.474	1.426	0.334			4.6	204	05
09/02/24 02:40	-0.014	1.522	1.508	0.405			4.5	206	06
09/02/24 02:45	0.055	1.457	1.513	0.214			3.7	210	07
09/02/24 02:50	0.072	1.304	1.377	0.311			3.5	210	11
09/02/24 02:55	0.036	1.186	1.222	0.350			2.9	196	09
09/02/24 03:00	0.003	1.073	1.076	0.193			2.8	192	11
09/02/24 03:05	-0.064	1.194	1.130	0.163			2.8	194	13
09/02/24 03:10	0.308	2.567	2.875	0.206			3.7	197	07
09/02/24 03:15	0.329	1.554	1.883	0.290			3.2	199	10
09/02/24 03:20	0.342	1.511	1.853	0.360			4.8	203	07
09/02/24 03:25	0.216	1.458	1.674	0.181			5.2	202	07
09/02/24 03:30	0.102	1.634	1.737	0.148			5.2	202	06
09/02/24 03:35	0.148	1.804	1.951	0.113			4.3	199	07
09/02/24 03:40	0.227	2.017	2.244	0.059			3.7	196	11
09/02/24 03:45	0.226	2.130	2.356	0.142			3.7	197	09
09/02/24 03:50	0.093	2.112	2.205	0.053			4.7	200	06
09/02/24 03:55	0.090	2.142	2.232	0.085			4.5	197	08
09/02/24 04:00	0.128	2.077	2.205	0.163			4.4	194	08
09/02/24 04:05	0.056	1.939	1.995	0.130			4.0	194	08
09/02/24 04:10	0.135	2.017	2.152	0.136			4.5	195	09
09/02/24 04:15	0.236	2.740	2.977	0.329			4.1	198	08
09/02/24 04:20	0.137	2.707	2.844	0.491			3.8	195	09
09/02/24 04:25	0.166	2.352	2.518	0.526			3.8	197	08
09/02/24 04:30	0.137	2.163	2.299	0.540			4.3	202	09
09/02/24 04:35	0.191	2.272	2.463	0.446			5.1	206	07
09/02/24 04:40	11.379	8.052	19.431	0.333			4.7	201	07
09/02/24 04:45	2.262	3.381	5.643	0.356			3.7	197	09
09/02/24 04:50	1.186	1.036	2.222	0.342			3.8	196	09
09/02/24 04:55	0.770	0.879	1.649	0.520			4.1	200	08
09/02/24 05:00	3.648	12.013	15.662	0.296			3.5	191	11
09/02/24 05:05	17.966	13.323	31.289	0.224			3.4	189	11
09/02/24 05:10	12.642	5.239	17.881	0.379			4.1	194	10
09/02/24 05:15	9.638	6.837	16.474	0.336			3.9	191	10
09/02/24 05:20	13.815	12.669	26.483	0.255			4.0	190	12
09/02/24 05:25	8.301	6.576	14.877	0.330			4.2	193	09
09/02/24 05:30	8.643	7.716	16.359	0.268			3.8	196	09
09/02/24 05:35	3.241	3.892	7.134	0.315			3.9	195	08
09/02/24 05:40	3.311	4.318	7.629	0.374			4.0	193	10
09/02/24 05:45	4.030	5.128	9.158	0.474			4.1	194	09
09/02/24 05:50	4.083	5.742	9.824	0.405			4.5	194	09
09/02/24 05:55	5.967	7.891	13.857	0.443			4.8	195	07
09/02/24 06:00	6.235	6.584	12.818	0.395			5.4	197	07
09/02/24 06:05	6.383	6.254	12.637	0.404			5.1	194	08
09/02/24 06:10	4.628	3.503	8.131	0.302			5.4	197	09
09/02/24 06:15	8.067	3.219	11.286	0.302			5.7	200	07
09/02/24 06:20	5.871	3.780	9.651	0.406			5.7	196	06
09/02/24 06:25	4.133	3.446	7.578	0.463			5.5	195	07
09/02/24 06:30	3.746	8.041	11.787	0.547			5.3	196	08
09/02/24 06:35	5.971	5.435	11.406	0.456			5.6	194	07
09/02/24 06:40	4.080	3.381	7.460	0.383			5.1	196	09
09/02/24 06:45	3.734	4.876	8.611	0.358			5.2	194	08
09/02/24 06:50	4.296	5.574	9.870	0.386			5.3	193	07
09/02/24 06:55	8.742	1.939	10.681	0.393			5.2	197	07
09/02/24 07:00	5.507	5.956	11.462	0.472			4.7	191	09
09/02/24 07:05	3.833	5.239	9.073	0.429			5.0	195	08
09/02/24 07:10	3.955	4.472	8.427	0.382			5.3	195	08
09/02/24 07:15	3.823	3.286	7.109	0.314			4.4	192	12
09/02/24 07:20	3.388	3.549	6.937	0.293			4.4	195	10

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/02/24 07:25	2.825	3.076	5.901	0.310			4.9	192	09
09/02/24 07:30	2.451	3.554	6.005	0.352			4.3	190	11
09/02/24 07:35	2.782	4.403	7.185	0.330			4.5	191	12
09/02/24 07:40	4.340	3.792	8.132	0.334			4.8	195	08
09/02/24 07:45	4.570	4.007	8.577	0.304			4.8	188	10
09/02/24 07:50	3.572	6.069	9.641	0.437			4.7	191	11
09/02/24 07:55	4.080	4.291	8.372	0.431			4.6	192	09
09/02/24 08:00	3.170	2.717	5.887	0.349			4.7	193	09
09/02/24 08:05	3.964	3.625	7.589	0.505			4.1	190	12
09/02/24 08:10	4.167	2.394	6.561	0.540			4.4	188	11
09/02/24 08:15	3.815	3.227	7.042	0.553			4.4	190	11
09/02/24 08:20	2.482	2.087	4.569	0.635			3.7	189	11
09/02/24 08:25	3.360	4.432	7.792	0.640			3.7	190	11
09/02/24 08:30	3.307	3.264	6.571	0.479			4.3	191	09
09/02/24 08:35	2.141	3.879	6.020	0.333			4.2	191	09
09/02/24 08:40	3.152	6.259	9.411	0.249			3.7	189	14
09/02/24 08:45	3.762	3.219	6.980	0.177			3.7	190	13
09/02/24 08:50	3.509	2.505	6.014	0.212			3.3	185	14
09/02/24 08:55	1.630	2.886	4.515	0.311			3.9	188	11
09/02/24 09:00	2.483	4.524	7.008	0.160			3.9	190	12
09/02/24 09:05	3.042	0.871	3.913	0.096			3.2	187	16
09/02/24 09:10	2.074	2.792	4.866	0.218			3.6	193	10
09/02/24 09:15	3.421	9.129	12.550	0.145			2.5	184	20
09/02/24 09:20	3.085	2.155	5.241	0.169			3.2	189	13
09/02/24 09:25	1.187	1.828	3.015	0.205			3.5	192	12
09/02/24 09:30	1.260	1.967	3.227	0.187			4.2	196	08
09/02/24 09:35	1.410	2.332	3.742	0.228			3.6	193	09
09/02/24 09:40	1.393	2.604	3.997	0.364			3.3	190	11
09/02/24 09:45	1.688	2.376	4.064	0.457			3.8	192	10
09/02/24 09:50	1.938	2.037	3.975	0.508			3.4	190	13
09/02/24 09:55	1.770	2.512	4.282	0.445			4.0	193	12
09/02/24 10:00	2.886	4.106	6.991	0.420			3.6	190	13
09/02/24 10:05	3.817	3.066	6.884	0.410			3.2	187	16
09/02/24 10:10	2.209	3.119	5.328	0.464			3.8	193	10
09/02/24 10:15	2.623	5.406	8.029	0.463			4.8	195	06
09/02/24 10:20	3.179	3.071	6.250	0.442			4.8	195	06
09/02/24 10:25	2.322	1.354	3.675	0.444			4.6	194	09
09/02/24 10:30	2.006	1.645	3.651	0.585			4.7	196	06
09/02/24 10:35	1.577	1.773	3.349	0.462			5.3	198	06
09/02/24 10:40	2.145	4.512	6.658	0.460			5.2	197	06
09/02/24 10:45	3.197	5.967	9.164	0.384			5.2	196	08
09/02/24 10:50	3.658	3.777	7.435	0.380			4.3	192	10
09/02/24 10:55	1.628	2.193	3.821	0.408			5.3	200	08
09/02/24 11:00	1.752	1.959	3.711	0.450			4.5	194	09
09/02/24 11:05	2.791	3.177	5.968	0.466			4.9	196	07
09/02/24 11:10	2.929	2.907	5.835	0.384			4.6	197	08
09/02/24 11:15	2.722	2.720	5.442	0.284			4.6	194	08
09/02/24 11:20	2.370	2.228	4.598	0.323			4.6	192	09
09/02/24 11:25	1.941	1.990	3.931	0.445			4.6	195	06
09/02/24 11:30	1.850	1.693	3.543	0.435			5.2	197	08
09/02/24 11:35	1.761	1.855	3.616	0.399			4.7	196	08
09/02/24 11:40	1.545	1.881	3.426	0.432			5.4	202	07
09/02/24 11:45	1.455	1.707	3.163	0.288			5.5	200	07
09/02/24 11:50	2.325	1.314	3.639	0.209			5.1	196	09
09/02/24 11:55	2.277	1.328	3.605	0.325			5.8	202	07
09/02/24 12:00	1.964	1.353	3.317	0.292			5.6	199	08
09/02/24 12:05	1.783	1.392	3.175	0.217			5.3	197	07
09/02/24 12:10	1.776	1.356	3.132	0.159			5.7	201	06
09/02/24 12:15	1.536	1.375	2.912	0.227			4.9	195	06
09/02/24 12:20	1.702	1.561	3.263	0.228			5.1	197	07
09/02/24 12:25	1.478	1.577	3.055	0.275			5.1	197	07
09/02/24 12:30	1.918	1.974	3.892	0.170			5.1	193	09
09/02/24 12:35	2.227	1.978	4.205	0.175			5.3	195	07
09/02/24 12:40	2.245	2.323	4.569	0.280			5.7	198	06
09/02/24 12:45	2.354	2.595	4.949	0.239			5.3	196	07
09/02/24 12:50	2.400	2.605	5.006	0.256			5.2	197	07
09/02/24 12:55	1.907	1.553	3.460	0.235			5.3	196	08
09/02/24 13:00	1.851	1.056	2.907	0.227			5.4	196	06
09/02/24 13:05	1.816	1.252	3.067	0.247			5.6	197	05
09/02/24 13:10	1.947	1.606	3.552	0.277			5.1	195	08
09/02/24 13:15	2.158	2.004	4.162	0.361			5.3	197	06
09/02/24 13:20	3.591	1.050	4.641	0.381			5.5	196	07
09/02/24 13:25	2.535	1.772	4.306	0.292			5.7	197	07
09/02/24 13:30	1.633	1.574	3.207	0.291			6.2	199	07
09/02/24 13:35	1.439	1.184	2.623	0.272			5.7	196	07
09/02/24 13:40	1.345	1.255	2.599	0.230			5.8	198	05
09/02/24 13:45	1.496	1.409	2.905	0.123			6.1	198	07
09/02/24 13:50	1.734	1.681	3.415	0.070			6.3	197	06
09/02/24 13:55	2.049	1.835	3.884	0.084			5.9	197	07
09/02/24 14:00	2.569	2.071	4.639	0.155			6.2	199	07
09/02/24 14:05	2.833	4.382	7.215	0.130			6.6	201	08
09/02/24 14:10	2.306	0.128	2.434	0.156			6.7	202	07
09/02/24 14:15	2.691	1.880	4.572	0.193			7.0	203	06
09/02/24 14:20	3.582	8.720	12.302	0.176			6.3	197	08
09/02/24 14:25	6.109	4.010	10.119	0.283			6.7	198	07
09/02/24 14:30	5.514	2.626	8.140	0.339			6.5	199	07
09/02/24 14:35	10.434	7.678	18.111	0.367			6.5	198	07
09/02/24 14:40	12.240	4.520	16.760	0.381			6.6	197	08
09/02/24 14:45	6.600	2.317	8.917	0.474			7.1	203	06
09/02/24 14:50	8.360	5.784	14.144	0.424			6.7	201	08
09/02/24 14:55	13.425	6.302	19.727	0.334			6.7	198	07
09/02/24 15:00	18.147	14.305	32.451	0.067			6.6	200	08
09/02/24 15:05	8.947	4.852	13.798	0.001			6.7	197	07
09/02/24 15:10	5.434	3.772	9.206	0.045			6.3	197	08
09/02/24 15:15	6.920	2.340	9.261	0.147			7.0	202	07
09/02/24 15:20				-0.011			7.1	198	07
09/02/24 15:25	10.637	4.928	15.565	0.134			6.8	198	07
09/02/24 15:30	5.107	1.961	7.068	0.144			6.7	199	07
09/02/24 15:35	12.542	3.395	15.937	0.142			6.5	195	06
09/02/24 15:40	5.687	4.858	10.545	0.084			7.0	201	07
09/02/24 15:45	5.969	2.034	8.004	0.218			6.7	198	08
09/02/24 15:50	7.950	3.952	11.903	0.323			6.7	198	07
09/02/24 15:55	13.933	8.879	22.812	0.383			6.2	194	07
09/02/24 16:00	101.989	13.944	115.934	0.491			6.5	202	07

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/02/24 16:05	103.647	21.476	125.123	0.932			7.3	199	07
09/02/24 16:10	35.399	7.180	42.579	0.804			6.2	193	08
09/02/24 16:15	70.059	18.738	88.797	0.665			4.9	192	10
09/02/24 16:20	3.541	3.930	7.470	0.482			5.9	195	08
09/02/24 16:25	2.039	2.378	4.417	0.372			6.6	196	08
09/02/24 16:30	0.958	1.377	2.335	0.263			6.8	198	08
09/02/24 16:35	0.701	0.697	1.398	0.286			6.9	197	07
09/02/24 16:40	0.654	0.650	1.304	0.180			5.9	198	11
09/02/24 16:45	0.957	0.712	1.669	0.291			4.9	193	09
09/02/24 16:50	0.948	0.948	1.895	0.157			5.5	194	09
09/02/24 16:55	1.005	1.069	2.074	0.310			5.3	193	09
09/02/24 17:00	1.129	1.405	2.534	0.222			5.8	193	09
09/02/24 17:05	1.140	1.384	2.523	0.280			6.1	194	07
09/02/24 17:10	1.081	1.264	2.345	0.314			5.8	192	08
09/02/24 17:15	0.913	1.279	2.193	0.330			5.3	190	11
09/02/24 17:20	0.668	1.202	1.870	0.304			4.9	193	10
09/02/24 17:25	0.616	1.058	1.674	0.153			4.8	192	12
09/02/24 17:30	0.614	0.873	1.487	0.111			5.3	193	10
09/02/24 17:35	0.669	1.015	1.685	0.233			5.0	188	12
09/02/24 17:40	1.158	3.733	4.891	0.262			5.3	193	10
09/02/24 17:45	1.708	1.947	3.656	0.138			5.6	190	08
09/02/24 17:50	1.512	1.288	2.800	0.171			5.9	195	09
09/02/24 17:55	1.456	1.522	2.979	0.102			5.3	190	11
09/02/24 18:00	1.222	1.588	2.810	0.173			4.7	188	13
09/02/24 18:05	0.972	1.224	2.196	0.238			5.3	192	08
09/02/24 18:10	0.758	1.031	1.789	0.248			4.9	190	10
09/02/24 18:15	0.611	1.077	1.688	0.304			4.9	191	10
09/02/24 18:20	0.545	1.096	1.641	0.359			4.7	190	11
09/02/24 18:25	0.319	1.032	1.351	0.269			5.0	184	11
09/02/24 18:30	0.447	1.197	1.644	0.431			4.8	196	09
09/02/24 18:35	0.849	2.323	3.173	0.448			4.5	190	12
09/02/24 18:40	0.813	2.446	3.259	0.362			4.4	193	10
09/02/24 18:45	0.627	2.462	3.090	0.328			4.4	192	12
09/02/24 18:50	0.482	2.071	2.553	0.272			4.1	191	10
09/02/24 18:55	0.365	2.001	2.366	0.253			4.0	192	10
09/02/24 19:00	0.383	2.113	2.496	0.315			4.3	190	12
09/02/24 19:05	0.407	1.858	2.265	0.293			3.7	186	14
09/02/24 19:10	0.378	1.714	2.092	0.150			4.7	186	10
09/02/24 19:15	0.228	1.672	1.900	0.096			3.9	186	12
09/02/24 19:20	0.134	1.567	1.701	0.074			4.5	191	12
09/02/24 19:25	0.058	1.564	1.623	0.050			4.7	192	11
09/02/24 19:30	0.215	2.190	2.405	0.011			4.4	190	12
09/02/24 19:35	0.437	2.824	3.261	0.016			4.4	185	14
09/02/24 19:40	0.327	2.717	3.045	0.066			4.5	182	13
09/02/24 19:45	0.320	2.570	2.890	0.167			4.1	183	13
09/02/24 19:50	0.359	2.147	2.506	0.116			3.1	171	21
09/02/24 19:55	0.306	1.635	1.942	0.149			2.9	175	22
09/02/24 20:00	0.425	1.296	1.721	0.228			2.7	167	25
09/02/24 20:05	0.485	1.028	1.513	0.245			2.5	156	26
09/02/24 20:10	0.428	0.853	1.280	0.152			3.4	178	18
09/02/24 20:15	0.288	0.713	1.002	0.178			3.0	178	18
09/02/24 20:20	0.233	0.597	0.829	0.280			2.6	169	27
09/02/24 20:25	0.191	0.492	0.684	0.203			2.8	177	20
09/02/24 20:30	0.072	0.527	0.599	0.209			3.1	181	14
09/02/24 20:35	-0.036	0.500	0.464	0.188			2.2	176	23
09/02/24 20:40	-0.119	0.564	0.445	0.286			2.4	167	25
09/02/24 20:45	-0.002	0.546	0.544	0.328			2.8	174	25
09/02/24 20:50	-0.022	0.481	0.460	0.271			2.9	171	22
09/02/24 20:55	-0.076	0.427	0.351	0.223			2.8	165	26
09/02/24 21:00	0.001	0.444	0.444	0.254			2.9	158	25
09/02/24 21:05	-0.007	0.356	0.349	0.253			2.9	161	29
09/02/24 21:10	0.093	0.285	0.378	0.104			3.8	151	20
09/02/24 21:15	0.056	0.275	0.331	0.139			3.8	152	22
09/02/24 21:20	0.012	0.297	0.309	0.171			2.8	164	23
09/02/24 21:25	-0.041	0.335	0.294	0.088			3.2	147	24
09/02/24 21:30	-0.030	0.354	0.324	0.193			3.6	145	19
09/02/24 21:35	-0.059	0.351	0.291	0.176			3.5	148	19
09/02/24 21:40	-0.097	0.299	0.202	0.119			2.2	155	26
09/02/24 21:45	-0.101	0.319	0.218	0.117			3.0	151	22
09/02/24 21:50	-0.059	0.329	0.271	0.145			2.4	160	23
09/02/24 21:55	-0.083	0.322	0.239	0.236			2.1	166	28
09/02/24 22:00	-0.071	0.261	0.190	0.286			2.5	156	24
09/02/24 22:05	-0.053	0.266	0.213	0.250			2.8	162	23
09/02/24 22:10	-0.119	0.295	0.176	0.274			2.4	168	23
09/02/24 22:15	-0.095	0.365	0.270	0.110			2.4	170	27
09/02/24 22:20	0.058	0.365	0.423	0.240			2.4	169	26
09/02/24 22:25	0.163	0.364	0.527	0.332			2.6	168	22
09/02/24 22:30	0.162	0.446	0.609	0.372			2.5	167	26
09/02/24 22:35	0.148	0.450	0.598	0.342			2.8	170	22
09/02/24 22:40	0.091	0.461	0.552	0.388			2.0	170	22
09/02/24 22:45	0.164	0.369	0.533	0.294			2.1	175	25
09/02/24 22:50	0.121	0.450	0.571	0.366			2.8	178	19
09/02/24 22:55	0.119	0.522	0.641	0.334			2.7	169	22
09/02/24 23:00	0.066	0.633	0.699	0.213			2.2	173	22
09/02/24 23:05	-0.021	0.671	0.649	0.180			2.7	176	19
09/02/24 23:10	0.036	0.661	0.698	0.160			2.0	173	30
09/02/24 23:15	0.041	0.607	0.648	0.197			2.5	168	23
09/02/24 23:20	0.030	0.490	0.520	0.124			2.4	167	25
09/02/24 23:25	-0.030	0.433	0.403	0.230			2.4	165	22
09/02/24 23:30	0.010	0.427	0.438	0.286			2.6	165	24
09/02/24 23:35	0.050	0.513	0.564	0.316			2.3	172	21
09/02/24 23:40	-0.015	0.855	0.840	0.292			2.6	165	27
09/02/24 23:45	0.011	1.254	1.265	0.195			3.1	180	18
09/02/24 23:50	0.013	1.127	1.141				3.9	155	23
09/02/24 23:55	0.108	0.947	1.054				5.8	141	09
10/02/24 00:00	0.211	0.741	0.952	-0.132			5.8	142	10
10/02/24 00:05	0.193	0.569	0.762	-0.151			5.5	143	12
10/02/24 00:10	0.089	0.440	0.529	-0.057			5.0	142	16
10/02/24 00:15	-0.052	0.551	0.499	-0.074			4.6	141	18
10/02/24 00:20	-0.061	0.515	0.454	-0.030			4.9	138	15
10/02/24 00:25	-0.012	0.444	0.432	0.125			5.7	137	10
10/02/24 00:30	-0.023	0.402	0.378	0.105			5.4	133	15
10/02/24 00:35	-0.025	0.385	0.360	0.081			5.2	135	16
10/02/24 00:40	-0.007	0.422	0.415	0.029			6.0	139	15

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/02/24 00:45	0.014	0.451	0.466	0.133			5.6	136	11
10/02/24 00:50	0.124	0.422	0.546	0.121			7.1	139	09
10/02/24 00:55	0.121	0.365	0.486	0.078			6.7	136	11
10/02/24 01:00	0.167	0.310	0.477	-0.017			4.6	146	20
10/02/24 01:05							4.1	154	25
10/02/24 01:10							4.7	151	23
10/02/24 01:15							5.4	148	18
10/02/24 01:20							6.1	142	12
10/02/24 01:25							5.0	143	18
10/02/24 01:30							5.8	134	12
10/02/24 01:35							4.6	132	17
10/02/24 01:40							5.2	133	13
10/02/24 01:45							4.4	129	17
10/02/24 01:50							4.0	127	18
10/02/24 01:55							4.5	130	13
10/02/24 02:00							4.5	136	16
10/02/24 02:05	0.099	0.620	0.719	0.031			5.3	139	13
10/02/24 02:10	0.100	0.628	0.728	-0.005			4.6	142	13
10/02/24 02:15	0.102	0.595	0.697	0.037			4.2	132	15
10/02/24 02:20	0.045	0.604	0.649	0.092			4.3	136	17
10/02/24 02:25	-0.011	0.523	0.512	0.162			3.8	144	20
10/02/24 02:30	-0.012	0.506	0.495	0.120			3.3	122	19
10/02/24 02:35	0.076	0.520	0.596	0.102			2.5	113	20
10/02/24 02:40	0.074	0.460	0.534	0.140			2.6	121	20
10/02/24 02:45	0.007	0.468	0.475	0.175			3.5	117	16
10/02/24 02:50	-0.041	0.447	0.406	0.203			2.8	124	21
10/02/24 02:55	0.047	0.422	0.469	0.118			3.8	115	11
10/02/24 03:00	0.088	0.426	0.514	0.079			2.9	120	17
10/02/24 03:05	0.089	0.390	0.480	0.016			2.6	122	18
10/02/24 03:10	0.101	0.356	0.457	-0.024			2.6	119	17
10/02/24 03:15	0.115	0.348	0.463	-0.115			3.1	130	19
10/02/24 03:20	0.044	0.407	0.450	-0.086			2.8	118	12
10/02/24 03:25	0.138	0.456	0.594	-0.091			2.4	118	17
10/02/24 03:30	0.180	0.437	0.617	-0.019			2.7	140	21
10/02/24 03:35	0.116	0.477	0.593	0.005			2.0	129	20
10/02/24 03:40	0.124	0.430	0.554	0.042			2.9	136	22
10/02/24 03:45	0.125	0.384	0.509	0.171			4.1	138	13
10/02/24 03:50	0.163	0.355	0.518	-0.028			3.9	131	13
10/02/24 03:55	0.155	0.283	0.438	-0.106			2.6	127	21
10/02/24 04:00	0.178	0.252	0.431	-0.207			2.7	133	26
10/02/24 04:05	0.220	0.238	0.458	-0.094			3.6	133	16
10/02/24 04:10	0.161	0.178	0.339	0.118			3.3	138	17
10/02/24 04:15	0.140	0.215	0.354	0.144			2.7	161	23
10/02/24 04:20	0.129	0.274	0.403	0.017			3.3	176	17
10/02/24 04:25	0.019	0.387	0.405	-0.072			2.8	175	18
10/02/24 04:30	0.003	0.447	0.449	-0.036			2.7	167	25
10/02/24 04:35	0.034	0.468	0.502	-0.005			2.3	164	28
10/02/24 04:40	0.042	0.492	0.534	0.121			2.6	169	23
10/02/24 04:45	0.015	0.520	0.535	0.187			2.5	171	22
10/02/24 04:50	-0.118	0.546	0.427	0.172			3.0	178	17
10/02/24 04:55	-0.150	0.525	0.375	0.287			2.8	177	22
10/02/24 05:00	-0.008	0.456	0.448	0.282			3.4	182	15
10/02/24 05:05	0.043	0.399	0.442	0.237			2.2	164	23
10/02/24 05:10	0.037	0.472	0.508	0.154			2.6	172	23
10/02/24 05:15	0.144	0.445	0.589	0.040			2.7	175	19
10/02/24 05:20	0.145	0.390	0.536	0.146			2.4	180	14
10/02/24 05:25	0.188	0.353	0.542	0.229			2.6	175	21
10/02/24 05:30	0.153	0.323	0.476	0.247			2.4	177	21
10/02/24 05:35	0.068	0.361	0.429	0.188			2.1	169	24
10/02/24 05:40	0.040	0.331	0.370	0.183			2.4	159	24
10/02/24 05:45	0.038	0.312	0.350	0.251			2.0	160	26
10/02/24 05:50	0.025	0.358	0.382	0.381			2.5	173	21
10/02/24 05:55	0.078	0.316	0.394	0.258			2.1	169	25
10/02/24 06:00	0.118	0.276	0.393	0.187			2.6	170	23
10/02/24 06:05	0.073	0.297	0.370	0.240			2.9	186	15
10/02/24 06:10	0.105	0.321	0.426	0.211			2.6	180	18
10/02/24 06:15	0.186	0.338	0.524	0.063			2.6	184	17
10/02/24 06:20	0.188	0.336	0.524	0.038			2.4	176	20
10/02/24 06:25	1.592	0.569	2.160	0.082			3.0	186	13
10/02/24 06:30	0.947	0.791	1.738	0.138			2.3	173	18
10/02/24 06:35	0.679	0.671	1.350	0.229			2.5	172	25
10/02/24 06:40	0.744	0.672	1.416	0.196			2.7	185	16
10/02/24 06:45	0.686	0.628	1.314	0.228			2.0	164	25
10/02/24 06:50	0.487	0.661	1.148	0.227			2.6	171	18
10/02/24 06:55	0.333	0.601	0.934	0.147			2.3	155	26
10/02/24 07:00	0.305	0.616	0.920	0.007			3.7	108	15
10/02/24 07:05	0.365	0.962	1.327	-0.018			4.5	105	06
10/02/24 07:10	0.828	2.239	3.067	-0.063			3.8	107	08
10/02/24 07:15	1.227	2.872	4.099	-0.028			2.9	112	10
10/02/24 07:20	0.590	2.096	2.686	-0.027			2.0	127	22
10/02/24 07:25	0.836	2.118	2.954	0.049			2.2	130	19
10/02/24 07:30	0.972	1.457	2.429	0.115			2.1	146	18
10/02/24 07:35	0.719	1.347	2.066	0.103			1.7	146	23
10/02/24 07:40	0.739	1.554	2.293	0.214			1.8	155	21
10/02/24 07:45	1.591	1.990	3.581	0.338			1.9	155	21
10/02/24 07:50	1.566	1.340	2.906	0.405			1.5	144	25
10/02/24 07:55	1.538	1.385	2.923	0.381			1.9	159	21
10/02/24 08:00	4.411	5.717	10.129	0.297			2.0	176	22
10/02/24 08:05	8.752	9.525	18.277	0.330			1.9	173	21
10/02/24 08:10	3.033	3.809	6.842	0.180			1.8	173	30
10/02/24 08:15	9.897	5.132	15.028	0.197			2.3	163	25
10/02/24 08:20	14.227	2.565	16.791	0.173			1.6	174	30
10/02/24 08:25	5.222	3.714	8.936	0.225			2.0	175	24
10/02/24 08:30	17.395	7.452	24.847	0.158			2.2	169	23
10/02/24 08:35	16.840	9.308	26.148	-0.009			2.2	179	19
10/02/24 08:40	4.617	0.981	5.598	0.006			2.5	168	17
10/02/24 08:45	12.432	3.093	15.525	0.163			2.1	186	21
10/02/24 08:50	46.618	9.968	56.586	0.175			2.8	198	09
10/02/24 08:55	21.640	11.172	32.812	0.264			2.0	183	23
10/02/24 09:00	17.207	9.244	26.450	0.304			2.2	193	19
10/02/24 09:05	29.720	14.248	43.967	0.441			2.0	189	22
10/02/24 09:10	19.578	9.857	29.435	0.495			3.0	196	11
10/02/24 09:15	23.678	7.655	31.333	0.590			2.7	198	12
10/02/24 09:20	24.734	16.048	40.783	0.685			2.1	200	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/02/24 09:25	26.359	4.749	31.109	0.706			2.6	201	11
10/02/24 09:30	12.149	5.438	17.587	0.764			2.9	204	12
10/02/24 09:35	18.358	13.373	31.732	0.677			1.8	195	18
10/02/24 09:40	23.161	8.506	31.667	0.669			1.8	189	21
10/02/24 09:45	17.778	5.745	23.523	0.660			1.5	190	30
10/02/24 09:50	7.151	0.863	8.013	0.746			2.6	214	09
10/02/24 09:55	0.853	1.223	2.076	0.695			2.8	216	06
10/02/24 10:00	1.112	1.880	2.992	0.565			2.7	214	07
10/02/24 10:05	1.370	1.794	3.164	0.574			3.2	215	07
10/02/24 10:10	0.545	1.775	2.320	0.587			2.8	221	08
10/02/24 10:15	0.507	1.298	1.805	0.590			2.6	227	06
10/02/24 10:20	0.463	1.310	1.773	0.514			2.4	223	10
10/02/24 10:25	0.534	1.394	1.928	0.442			2.4	218	09
10/02/24 10:30	0.803	1.583	2.386	0.580			1.9	216	08
10/02/24 10:35	0.815	1.721	2.536	0.641			2.3	211	10
10/02/24 10:40	0.808	1.762	2.570	0.689			1.7	221	05
10/02/24 10:45	0.969	1.826	2.794	0.728			2.0	218	09
10/02/24 10:50	1.069	2.040	3.110	0.641			1.9	228	16
10/02/24 10:55	0.909	1.946	2.856	0.494			2.2	240	08
10/02/24 11:00	0.939	1.739	2.678	0.416			2.1	228	06
10/02/24 11:05	0.969	1.716	2.685	0.467			2.1	230	07
10/02/24 11:10	1.027	1.780	2.807	0.608			1.9	227	09
10/02/24 11:15	0.873	1.861	2.734	0.961			2.1	219	07
10/02/24 11:20	1.003	1.833	2.836	0.723			2.1	214	08
10/02/24 11:25	1.177	1.913	3.090	0.685			2.0	217	06
10/02/24 11:30	1.057	1.901	2.958	0.676			2.3	217	05
10/02/24 11:35	0.836	1.891	2.726	0.702			2.3	214	05
10/02/24 11:40	1.770	2.733	4.503	0.798			2.4	208	06
10/02/24 11:45	3.381	6.598	9.979	0.770			2.5	214	05
10/02/24 11:50	5.361	7.385	12.746	0.678			2.6	209	06
10/02/24 11:55	22.851	13.201	36.052	0.760			1.9	198	21
10/02/24 12:00	15.081	7.973	23.054	0.883			1.7	196	24
10/02/24 12:05	5.002	4.348	9.350	0.798			3.2	211	03
10/02/24 12:10	5.645	10.221	15.866	0.815			2.9	214	04
10/02/24 12:15	11.174	12.747	23.921	0.924			2.6	208	09
10/02/24 12:20	7.757	11.062	18.819	1.095			2.2	198	12
10/02/24 12:25	18.187	16.787	34.974	1.220			2.1	196	13
10/02/24 12:30	5.021	6.228	11.249	1.163			1.4	168	26
10/02/24 12:35	3.383	5.761	9.143	1.114			1.7	187	23
10/02/24 12:40	4.842	6.930	11.772	1.034			2.3	196	13
10/02/24 12:45	8.444	9.227	17.671	1.205			2.4	196	18
10/02/24 12:50	4.785	5.593	10.379	1.028			3.4	217	03
10/02/24 12:55	1.968	4.963	6.930	1.028			3.3	212	03
10/02/24 13:00	2.345	5.819	8.164	0.873			3.3	211	03
10/02/24 13:05	2.908	7.322	10.230	0.904			3.1	216	01
10/02/24 13:10	3.688	8.878	12.566	0.988			2.9	214	05
10/02/24 13:15	4.141	9.630	13.770	1.174			3.0	216	04
10/02/24 13:20	4.414	9.724	14.138	1.149			3.1	220	04
10/02/24 13:25	5.096	10.426	15.522	1.066			3.3	217	03
10/02/24 13:30	5.109	9.305	14.414	1.107			3.0	214	03
10/02/24 13:35	5.067	9.156	14.223	1.040			3.2	216	03
10/02/24 13:40	31.445	21.969	53.414	1.060			3.8	208	09
10/02/24 13:45	34.839	25.192	60.032	1.163			3.4	212	06
10/02/24 13:50	45.305	26.169	71.475	1.416			3.0	205	08
10/02/24 13:55	12.385	15.558	27.943	1.464			2.0	180	18
10/02/24 14:00	5.581	11.863	17.445	1.316			3.4	202	08
10/02/24 14:05	13.117	15.813	28.931	1.076			3.5	210	05
10/02/24 14:10	3.971	8.327	12.297	1.184			3.2	215	02
10/02/24 14:15	2.960	7.924	10.884	1.107			2.7	217	03
10/02/24 14:20	3.172	8.576	11.748	1.169			3.2	214	05
10/02/24 14:25	16.844	16.592	33.437	1.170			3.3	212	06
10/02/24 14:30	4.516	10.123	14.639	1.184			3.4	210	05
10/02/24 14:35	13.075	19.679	32.754	1.209			3.2	212	06
10/02/24 14:40	40.798	33.705	74.503	1.090			3.3	203	11
10/02/24 14:45	33.367	28.730	62.097	1.124			3.3	212	06
10/02/24 14:50	15.650	15.427	31.077	1.424			3.6	211	04
10/02/24 14:55	3.159	6.672	9.831	1.418			3.5	212	02
10/02/24 15:00	3.052	7.181	10.233	1.288			3.6	211	03
10/02/24 15:05	1.655	5.920	7.575	1.240			3.6	212	03
10/02/24 15:10	2.481	7.607	10.088	1.217			3.9	210	04
10/02/24 15:15	30.349	30.776	61.125	1.151			3.7	203	09
10/02/24 15:20	24.453	23.381	47.834	1.144			4.6	208	05
10/02/24 15:25	14.594	17.179	31.773	1.063			4.8	211	04
10/02/24 15:30	9.816	10.867	20.684	1.105			4.8	209	05
10/02/24 15:35	5.562	11.084	16.645	1.006			5.0	208	04
10/02/24 15:40	8.748	14.950	23.698	0.944			5.1	208	05
10/02/24 15:45	9.583	16.061	25.644	0.868			4.9	209	04
10/02/24 15:50	1.464	3.035	4.498	0.937			4.6	209	04
10/02/24 15:55	1.613	7.340	8.953	0.934			4.5	210	04
10/02/24 16:00	1.922	4.953	6.875	0.863			4.9	210	03
10/02/24 16:05	1.164	3.462	4.626	0.768			4.5	213	03
10/02/24 16:10	0.913	3.249	4.163	0.786			4.1	213	05
10/02/24 16:15	1.173	10.475	11.648	0.685			3.9	209	06
10/02/24 16:20	19.567	33.202	52.769	0.772			4.5	209	05
10/02/24 16:25	22.742	27.508	50.251	0.724			4.0	204	08
10/02/24 16:30	23.915	28.570	52.484	0.864			4.3	206	09
10/02/24 16:35	19.079	17.679	36.757	0.886			5.0	207	06
10/02/24 16:40	58.784	29.222	88.006	0.921			4.4	209	06
10/02/24 16:45	57.299	37.680	94.979	0.913			3.9	210	07
10/02/24 16:50	26.484	18.563	45.047	0.889			4.1	209	07
10/02/24 16:55	14.802	21.988	36.790	1.006			2.7	203	12
10/02/24 17:00	21.753	29.143	50.896	1.003			2.7	196	14
10/02/24 17:05	14.364	17.860	32.223	0.939			2.9	204	09
10/02/24 17:10	19.412	10.251	29.663	0.818			2.9	196	13
10/02/24 17:15	26.613	20.686	47.299	0.994			2.9	203	09
10/02/24 17:20	249.665	51.474	301.139	1.851			3.3	195	09
10/02/24 17:25	217.039	50.468	267.507	3.832			3.3	203	09
10/02/24 17:30	0.864	2.258	3.122	3.053			3.4	223	08
10/02/24 17:35	0.363	1.711	2.074	1.877			3.7	233	04
10/02/24 17:40	0.127	2.027	2.154	1.615			2.7	217	18
10/02/24 17:45	0.190	2.387	2.577	1.458			2.5	188	13
10/02/24 17:50	0.216	2.498	2.714	1.146			3.5	201	08
10/02/24 17:55	0.451	2.760	3.211	1.062			3.2	194	09
10/02/24 18:00	0.653	3.079	3.733	0.853			2.6	196	12

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/02/24 18:05	0.720	3.381	4.102	0.960			3.4	197	08
10/02/24 18:10	0.695	3.532	4.227	1.035			2.7	185	16
10/02/24 18:15	0.981	3.837	4.818	0.766			2.4	190	15
10/02/24 18:20	1.021	3.881	4.902	0.677			2.8	188	11
10/02/24 18:25	0.696	2.521	3.217	0.518			1.8	177	20
10/02/24 18:30	0.696	2.838	3.534	0.449			2.4	193	15
10/02/24 18:35	0.962	6.150	7.111	0.521			2.6	193	11
10/02/24 18:40	1.416	5.520	6.936	0.600			2.6	195	10
10/02/24 18:45	1.156	2.850	4.006	0.564			2.1	190	11
10/02/24 18:50	0.830	2.637	3.467	0.755			2.3	192	11
10/02/24 18:55	0.788	2.547	3.335	0.764			2.5	194	11
10/02/24 19:00	0.721	2.823	3.544	0.847			2.4	192	11
10/02/24 19:05	0.508	2.943	3.451	0.793			3.2	202	06
10/02/24 19:10	0.358	2.822	3.180	0.719			2.9	210	03
10/02/24 19:15	0.285	2.893	3.178	0.704			2.8	204	05
10/02/24 19:20	0.344	3.544	3.888	0.788			2.9	206	04
10/02/24 19:25	0.292	4.017	4.309	0.763			2.0	202	08
10/02/24 19:30	0.172	4.430	4.601	0.778			1.9	204	05
10/02/24 19:35	0.158	4.679	4.837	0.739			1.7	213	05
10/02/24 19:40	0.150	5.779	5.929	0.679			0.8	189	35
10/02/24 19:45	0.265	7.244	7.509	0.664			1.8	120	18
10/02/24 19:50	0.070	6.964	7.034	0.622			2.3	111	12
10/02/24 19:55	0.059	7.016	7.075	0.566			2.8	115	15
10/02/24 20:00	0.023	6.418	6.440	0.732			2.2	119	18
10/02/24 20:05	-0.031	6.113	6.082	0.709			2.0	118	17
10/02/24 20:10	-0.060	6.007	5.947	0.526			3.0	111	09
10/02/24 20:15	-0.032	5.994	5.962	0.395			3.4	111	09
10/02/24 20:20	0.050	5.777	5.827	0.268			3.8	102	10
10/02/24 20:25	0.017	5.618	5.636	0.338			3.2	109	05
10/02/24 20:30	-0.018	5.395	5.377	0.686			2.3	112	14
10/02/24 20:35	0.088	5.057	5.145	0.567			3.8	105	07
10/02/24 20:40	0.204	4.776	4.980	0.577			4.3	102	07
10/02/24 20:45	0.183	4.483	4.666	0.673			3.6	107	08
10/02/24 20:50	0.213	4.317	4.530	0.606			2.2	111	14
10/02/24 20:55	0.238	4.233	4.471	0.530			2.3	111	12
10/02/24 21:00	0.356	4.133	4.489	0.682			2.7	111	07
10/02/24 21:05	0.437	4.105	4.541	0.677			2.1	110	11
10/02/24 21:10	0.290	4.041	4.332	0.660			3.1	109	07
10/02/24 21:15	0.256	3.990	4.246	0.557			2.5	106	08
10/02/24 21:20	0.174	4.034	4.207	0.519			2.7	109	08
10/02/24 21:25	0.123	4.009	4.132	0.496			1.8	111	13
10/02/24 21:30	0.119	4.035	4.154	0.381			2.0	107	09
10/02/24 21:35	0.183	4.127	4.310	0.218			1.6	104	17
10/02/24 21:40	0.232	4.313	4.546	0.358			1.6	91	09
10/02/24 21:45	0.288	4.594	4.883	0.353			2.1	103	08
10/02/24 21:50	0.347	4.951	5.298	0.452			1.9	105	07
10/02/24 21:55	0.411	5.081	5.492	0.503			1.7	110	07
10/02/24 22:00	0.328	5.257	5.585	0.444			1.8	102	10
10/02/24 22:05	0.279	5.525	5.804	0.472			1.7	95	11
10/02/24 22:10	0.239	5.692	5.930	0.417			1.9	103	05
10/02/24 22:15	0.145	5.740	5.885	0.360			1.8	105	07
10/02/24 22:20	0.079	5.763	5.843	0.510			1.7	107	08
10/02/24 22:25	0.106	5.704	5.811	0.592			1.8	101	08
10/02/24 22:30	0.111	6.085	6.197	0.635			1.8	109	05
10/02/24 22:35	0.153	6.406	6.559	0.571			1.9	110	06
10/02/24 22:40	0.285	6.481	6.766	0.397			1.5	110	13
10/02/24 22:45	0.299	6.442	6.741	0.443			1.0	114	24
10/02/24 22:50	0.323	6.347	6.671	0.394			1.3	113	11
10/02/24 22:55	0.293	6.377	6.669	0.125			1.1	117	20
10/02/24 23:00	0.263	6.498	6.760	0.110			1.4	124	22
10/02/24 23:05	0.189	6.373	6.563	0.166			1.3	116	21
10/02/24 23:10	0.184	6.028	6.212	0.203			1.5	121	23
10/02/24 23:15	0.156	5.538	5.694	0.135			1.3	121	25
10/02/24 23:20	0.041	5.275	5.316	0.303			1.2	113	22
10/02/24 23:25	-0.085	5.082	4.997	0.339			1.5	113	16
10/02/24 23:30	-0.123	5.171	5.048	0.349			1.7	111	12
10/02/24 23:35	-0.139	5.158	5.020	0.265			1.5	112	12
10/02/24 23:40	-0.244	5.072	4.828	0.268			1.9	112	07
10/02/24 23:45	-0.222	5.161	4.939	0.280			1.7	116	07
10/02/24 23:50	-0.239	5.531	5.291				1.5	116	12
10/02/24 23:55	-0.098	5.912	5.814				1.8	102	10
11/02/24 00:00	-0.090	6.104	6.013	0.292			2.2	102	05
11/02/24 00:05	0.016	6.255	6.271	0.325			1.9	110	06
11/02/24 00:10	0.058	6.540	6.598	0.306			1.7	107	08
11/02/24 00:15	0.036	6.834	6.870	0.260			1.7	108	07
11/02/24 00:20	0.108	6.931	7.039	0.265			1.1	116	15
11/02/24 00:25	0.144	6.984	7.128	0.296			1.0	114	22
11/02/24 00:30	0.209	6.946	7.155	0.343			1.5	105	09
11/02/24 00:35	0.123	7.076	7.199	0.380			1.2	101	07
11/02/24 00:40	0.110	7.361	7.472	0.406			1.0	101	07
11/02/24 00:45	0.056	7.891	7.948	0.370			1.0	95	10
11/02/24 00:50	0.104	8.332	8.436	0.347			1.3	97	05
11/02/24 00:55	0.175	8.896	9.072	0.408			1.3	96	06
11/02/24 01:00	0.226	9.439	9.665	0.409			1.1	95	09
11/02/24 01:05							0.9	99	07
11/02/24 01:10							0.8	76	21
11/02/24 01:15							0.5	42	17
11/02/24 01:20							1.0	42	09
11/02/24 01:25							1.1	32	12
11/02/24 01:30							0.8	354	27
11/02/24 01:35							1.2	290	18
11/02/24 01:40							1.2	291	18
11/02/24 01:45							1.3	291	18
11/02/24 01:50							1.4	292	15
11/02/24 01:55							1.3	343	49
11/02/24 02:00							1.7	16	45
11/02/24 02:05	2.127	12.061	14.189	0.394			2.6	270	13
11/02/24 02:10	4.975	16.043	21.018	0.429			2.0	287	21
11/02/24 02:15	13.079	15.402	28.481	0.396			1.3	267	24
11/02/24 02:20	11.437	14.320	25.758	0.471			1.1	330	26
11/02/24 02:25	8.857	13.585	22.442	0.649			0.8	346	31
11/02/24 02:30	7.676	12.989	20.666	0.637			0.9	18	22
11/02/24 02:35	5.780	13.196	18.975	0.625			1.1	12	18
11/02/24 02:40	6.372	13.011	19.383	0.677			1.3	10	11

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/02/24 02:45	6.604	12.693	19.297	0.760			1.2	340	27
11/02/24 02:50	6.514	12.445	18.958	0.699			1.4	337	19
11/02/24 02:55	5.943	12.138	18.081	0.666			1.0	2	24
11/02/24 03:00	5.016	11.646	16.662	0.631			0.9	349	30
11/02/24 03:05	4.038	11.869	15.907	0.550			1.4	349	20
11/02/24 03:10	2.875	12.063	14.938	0.523			1.3	355	19
11/02/24 03:15	2.125	11.884	14.009	0.487			1.2	1	20
11/02/24 03:20	2.011	11.600	13.610	0.509			1.1	5	17
11/02/24 03:25	1.757	11.492	13.249	0.469			1.3	3	18
11/02/24 03:30	1.815	11.387	13.202	0.462			0.6	325	41
11/02/24 03:35	1.712	11.253	12.965	0.569			0.9	10	24
11/02/24 03:40	1.517	11.107	12.624	0.543			0.9	354	35
11/02/24 03:45	1.384	10.807	12.191	0.646			1.0	1	26
11/02/24 03:50	1.092	10.267	11.360	0.602			1.2	354	20
11/02/24 03:55	1.017	9.785	10.802	0.596			1.0	9	17
11/02/24 04:00	0.886	9.367	10.253	0.621			0.9	2	25
11/02/24 04:05	0.694	9.119	9.813	0.635			1.1	0	21
11/02/24 04:10	0.517	8.868	9.386	0.612			1.1	8	19
11/02/24 04:15	0.445	8.634	9.079	0.570			0.8	336	32
11/02/24 04:20	0.396	8.453	8.849	0.565			0.6	331	33
11/02/24 04:25	0.317	8.286	8.603	0.538			0.7	340	21
11/02/24 04:30	0.343	8.326	8.669	0.514			0.7	319	28
11/02/24 04:35	0.460	8.316	8.776	0.467			0.9	321	17
11/02/24 04:40	0.485	8.513	8.998	0.401			0.4	350	37
11/02/24 04:45	1.100	8.988	10.088	0.453			0.8	48	25
11/02/24 04:50	1.944	10.527	12.472	0.528			0.6	40	18
11/02/24 04:55	6.347	14.683	21.030	0.468			0.2	24	41
11/02/24 05:00	7.483	12.328	19.811	0.491			0.4	59	47
11/02/24 05:05	6.820	10.472	17.292	0.436			1.3	59	16
11/02/24 05:10	3.235	10.878	14.113	0.442			1.7	55	10
11/02/24 05:15	8.054	11.192	19.246	0.452			2.2	30	18
11/02/24 05:20	3.546	9.629	13.175	0.424			1.6	24	23
11/02/24 05:25	3.492	9.835	13.327	0.428			2.2	27	19
11/02/24 05:30	4.544	13.282	17.826	0.453			2.5	19	19
11/02/24 05:35	10.611	6.719	17.330	0.536			2.0	13	19
11/02/24 05:40	0.720	6.099	6.820	0.496			2.1	14	25
11/02/24 05:45	0.295	6.015	6.310	0.562			2.2	16	20
11/02/24 05:50	0.464	6.138	6.601	0.605			2.1	22	24
11/02/24 05:55	0.513	6.378	6.890	0.644			2.5	15	21
11/02/24 06:00	0.378	6.171	6.549	0.599			2.2	13	26
11/02/24 06:05	0.422	5.938	6.360	0.638			2.3	13	23
11/02/24 06:10	0.522	5.866	6.389	0.622			2.1	7	30
11/02/24 06:15	1.914	6.907	8.822	0.564			3.6	15	19
11/02/24 06:20	2.256	5.044	7.300	0.559			2.9	9	21
11/02/24 06:25	1.951	4.861	6.812	0.579			3.3	5	18
11/02/24 06:30	1.095	4.540	5.635	0.656			4.0	10	18
11/02/24 06:35	1.728	3.819	5.547	0.613			3.5	0	26
11/02/24 06:40	1.726	3.904	5.630	0.599			3.2	5	25
11/02/24 06:45	1.917	4.075	5.992	0.669			3.5	8	21
11/02/24 06:50	1.767	4.184	5.951	0.736			4.6	4	21
11/02/24 06:55	1.776	4.053	5.829	0.715			2.7	350	36
11/02/24 07:00	2.398	4.342	6.740	0.704			3.3	4	30
11/02/24 07:05	3.054	4.288	7.343	0.782			3.0	2	25
11/02/24 07:10	3.128	3.612	6.740	0.708			4.4	10	22
11/02/24 07:15	2.452	2.705	5.157	0.682			3.9	358	26
11/02/24 07:20	5.771	3.432	9.203	0.760			2.8	351	35
11/02/24 07:25	5.065	3.915	8.980	0.747			3.6	1	28
11/02/24 07:30	3.881	2.889	6.770	0.673			4.0	3	21
11/02/24 07:35	3.530	2.733	6.263	0.659			3.9	357	31
11/02/24 07:40	1.566	3.135	4.701	0.654			4.6	356	25
11/02/24 07:45	1.972	3.144	5.116	0.691			4.0	2	34
11/02/24 07:50	1.959	3.373	5.332	0.779			4.6	359	26
11/02/24 07:55	2.259	3.552	5.811	0.651			3.8	351	29
11/02/24 08:00	2.527	3.402	5.929	0.572			3.7	358	28
11/02/24 08:05	2.654	3.112	5.766	0.519			2.8	345	32
11/02/24 08:10	2.793	3.324	6.117	0.482			3.9	3	30
11/02/24 08:15	2.817	3.307	6.124	0.514			3.3	352	29
11/02/24 08:20	2.915	3.215	6.130	0.474			3.3	332	29
11/02/24 08:25	3.315	3.535	6.850	0.339			2.9	355	31
11/02/24 08:30	3.938	3.060	6.997	0.302			3.4	1	28
11/02/24 08:35	3.117	2.570	5.687	0.353			3.7	351	28
11/02/24 08:40	3.273	2.511	5.784	0.340			3.7	0	27
11/02/24 08:45	3.392	3.263	6.655	0.362			3.7	351	30
11/02/24 08:50	3.634	3.967	7.601	0.380			3.6	358	33
11/02/24 08:55	2.742	3.292	6.034	0.348			3.5	347	29
11/02/24 09:00	3.075	3.149	6.224	0.381			3.4	323	29
11/02/24 09:05	2.507	3.463	5.971	0.407			2.9	321	25
11/02/24 09:10	2.307	3.550	5.857	0.471			4.2	346	30
11/02/24 09:15	2.406	3.433	5.839	0.485			3.1	332	31
11/02/24 09:20	2.852	3.995	6.848	0.561			3.4	4	27
11/02/24 09:25	3.335	3.472	6.806	0.675			3.0	328	32
11/02/24 09:30	2.269	2.512	4.781	0.713			3.4	357	32
11/02/24 09:35	1.915	3.071	4.986	0.649			3.9	8	27
11/02/24 09:40	2.313	3.451	5.764	0.568			4.4	332	30
11/02/24 09:45	2.061	2.894	4.954	0.578			2.4	338	40
11/02/24 09:50	1.934	2.723	4.657	0.523			2.8	3	30
11/02/24 09:55	2.102	3.095	5.197	0.515			2.6	338	38
11/02/24 10:00	2.152	2.906	5.058	0.569			3.9	358	28
11/02/24 10:05	1.892	2.725	4.618	0.474			1.8	333	43
11/02/24 10:10	1.890	2.899	4.789	0.441			3.4	326	27
11/02/24 10:15	1.810	3.024	4.834	0.512			4.4	351	32
11/02/24 10:20	2.073	2.826	4.899	0.488			4.6	6	22
11/02/24 10:25	1.984	3.000	4.984	0.443			3.6	356	28
11/02/24 10:30	1.412	3.335	4.747	0.443			3.8	353	29
11/02/24 10:35	1.296	3.298	4.594	0.383			3.7	356	23
11/02/24 10:40	1.618	3.411	5.030	0.399			5.4	2	19
11/02/24 10:45	1.538	3.284	4.823	0.497			3.3	339	34
11/02/24 10:50	1.480	2.991	4.471	0.482			4.6	356	29
11/02/24 10:55	1.603	2.952	4.555	0.476			4.4	0	26
11/02/24 11:00	2.681	2.963	5.644	0.410			5.3	15	18
11/02/24 11:05	1.993	3.461	5.454	0.389			4.8	24	17
11/02/24 11:10	2.540	3.334	5.874	0.390			3.6	8	23
11/02/24 11:15	2.598	2.563	5.160	0.425			3.5	350	33
11/02/24 11:20	2.217	2.652	4.868	0.452			3.9	2	26

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/02/24 11:25	2.042	2.850	4.892	0.423			4.2	8	28
11/02/24 11:30	1.984	3.013	4.997	0.367			4.5	10	22
11/02/24 11:35	1.912	3.105	5.016	0.248			4.5	12	16
11/02/24 11:40	2.366	2.944	5.310	0.362			4.1	15	20
11/02/24 11:45	2.707	3.849	6.555	0.490			4.4	10	19
11/02/24 11:50	2.619	4.087	6.707	0.475			3.3	10	30
11/02/24 11:55	1.766	2.571	4.337	0.403			3.7	14	23
11/02/24 12:00	1.903	3.037	4.941	0.436			3.4	3	34
11/02/24 12:05	1.664	3.091	4.755	0.396			3.2	0	23
11/02/24 12:10	1.912	4.013	5.925	0.420			3.4	11	22
11/02/24 12:15	2.533	4.180	6.712	0.390			4.0	9	20
11/02/24 12:20	3.029	5.296	8.324	0.366			4.3	14	17
11/02/24 12:25	3.204	5.164	8.368	0.327			3.0	1	43
11/02/24 12:30	1.922	2.504	4.426	0.426			2.7	335	36
11/02/24 12:35	1.937	3.398	5.335	0.421			2.6	337	41
11/02/24 12:40	2.037	2.691	4.728	0.376			4.1	10	19
11/02/24 12:45	2.090	3.999	6.089	0.389			3.1	8	29
11/02/24 12:50	2.294	2.688	4.982	0.396			3.2	353	32
11/02/24 12:55	2.266	3.391	5.657	0.391			2.3	355	45
11/02/24 13:00	1.824	2.720	4.544	0.405			2.4	328	43
11/02/24 13:05	1.826	3.265	5.091	0.471			2.2	352	32
11/02/24 13:10	1.575	2.575	4.150	0.521			3.7	309	22
11/02/24 13:15	0.998	2.144	3.142	0.593			3.3	313	22
11/02/24 13:20	1.201	3.741	4.943	0.588			1.9	340	42
11/02/24 13:25	1.353	2.244	3.597	0.560			2.4	336	38
11/02/24 13:30	1.680	2.551	4.231	0.572			3.5	8	23
11/02/24 13:35	1.641	2.601	4.242	0.621			3.7	329	33
11/02/24 13:40	1.314	2.704	4.018	0.578			2.8	348	41
11/02/24 13:45	1.386	2.939	4.325	0.519			2.4	345	37
11/02/24 13:50	1.199	2.851	4.050	0.525			2.3	307	27
11/02/24 13:55	0.948	2.834	3.782	0.629			4.2	314	21
11/02/24 14:00	0.891	2.793	3.684	0.642			2.4	336	34
11/02/24 14:05	0.826	2.829	3.655	0.589			3.6	301	23
11/02/24 14:10	0.814	4.219	5.033	0.563			1.9	359	52
11/02/24 14:15	1.022	2.705	3.727	0.555			2.8	346	34
11/02/24 14:20	0.879	2.339	3.219	0.428			2.5	324	26
11/02/24 14:25	0.781	2.376	3.158	0.439			2.3	316	34
11/02/24 14:30	0.703	2.456	3.158	0.370			2.9	341	35
11/02/24 14:35	0.666	2.836	3.502	0.362			3.1	317	32
11/02/24 14:40	0.851	2.981	3.831	0.293			2.0	348	40
11/02/24 14:45	0.596	2.470	3.066	0.329			2.2	329	30
11/02/24 14:50	0.745	3.019	3.763	0.432			3.3	20	25
11/02/24 14:55	1.031	3.587	4.618	0.494			2.3	320	46
11/02/24 15:00	0.788	2.286	3.074	0.420			4.1	299	11
11/02/24 15:05	0.706	2.438	3.143	0.456			2.7	344	30
11/02/24 15:10	0.649	2.985	3.635	0.418			2.5	11	29
11/02/24 15:15	0.803	3.279	4.082	0.415			1.8	354	36
11/02/24 15:20	0.955	3.452	4.407	0.408			2.4	324	30
11/02/24 15:25	1.430	4.728	6.158	0.524			3.6	303	21
11/02/24 15:30	0.666	3.265	3.931	0.585			2.8	305	21
11/02/24 15:35	0.598	3.018	3.616	0.573			3.2	313	21
11/02/24 15:40	0.753	3.136	3.889	0.555			2.7	323	29
11/02/24 15:45	0.699	3.038	3.738	0.530			3.7	291	17
11/02/24 15:50	0.597	2.900	3.497	0.509			3.4	301	14
11/02/24 15:55	0.701	3.103	3.804	0.589			3.0	301	30
11/02/24 16:00	0.712	2.975	3.687	0.563			2.0	309	36
11/02/24 16:05	0.801	3.264	4.066	0.553			3.5	288	15
11/02/24 16:10	0.681	2.911	3.592	0.582			2.8	286	18
11/02/24 16:15	0.590	2.645	3.235	0.539			2.2	306	17
11/02/24 16:20	0.518	2.472	2.990	0.594			2.8	304	15
11/02/24 16:25	0.504	2.432	2.936	0.519			2.5	285	27
11/02/24 16:30	0.560	2.292	2.852	0.442			2.3	278	17
11/02/24 16:35	0.534	2.241	2.775	0.572			3.9	291	16
11/02/24 16:40	0.447	2.193	2.640	0.531			2.8	311	27
11/02/24 16:45	0.417	2.101	2.518	0.423			3.2	305	23
11/02/24 16:50	0.509	2.115	2.624	0.358			4.2	296	15
11/02/24 16:55	0.545	2.239	2.785	0.378			4.1	299	19
11/02/24 17:00	0.451	2.121	2.573	0.376			2.2	290	24
11/02/24 17:05	0.393	2.076	2.468	0.386			2.8	300	17
11/02/24 17:10	0.523	2.048	2.571	0.367			2.9	277	14
11/02/24 17:15	0.524	2.018	2.542	0.452			2.7	295	17
11/02/24 17:20	0.473	2.217	2.690	0.417			3.2	300	20
11/02/24 17:25	0.400	2.256	2.656	0.319			2.4	291	14
11/02/24 17:30	0.501	2.301	2.802	0.341			1.7	343	44
11/02/24 17:35	0.759	3.040	3.798	0.327			1.7	313	21
11/02/24 17:40	0.640	3.365	4.005	0.284			2.0	327	31
11/02/24 17:45	0.612	3.529	4.140	0.338			2.4	311	16
11/02/24 17:50	0.597	3.545	4.142	0.413			1.8	311	29
11/02/24 17:55	0.613	3.880	4.494	0.538			1.4	286	40
11/02/24 18:00				0.529			7.8	213	07
11/02/24 18:05	103.288	40.769	144.057	0.744			5.7	198	08
11/02/24 18:10	1.818	7.318	9.137	0.709			4.7	193	12
11/02/24 18:15	0.928	5.527	6.455	0.711			5.3	193	08
11/02/24 18:20	2.687	6.653	9.340	0.588			3.1	198	14
11/02/24 18:25	37.697	24.170	61.867	0.495			3.0	212	15
11/02/24 18:30	19.251	14.062	33.313	0.509			3.6	218	09
11/02/24 18:35	12.987	27.170	40.157	0.617			2.1	197	23
11/02/24 18:40	5.398	22.429	27.828	0.679			2.4	189	17
11/02/24 18:45	2.530	4.200	6.730	0.642			3.3	216	08
11/02/24 18:50	0.294	3.856	4.149	0.601			2.9	226	10
11/02/24 18:55	-0.088	4.424	4.336	0.601			3.4	230	06
11/02/24 19:00	-0.012	3.952	3.939	0.606			3.3	238	05
11/02/24 19:05	0.457	5.265	5.722	0.557			3.5	224	06
11/02/24 19:10	0.689	6.096	6.785	0.555			2.8	218	08
11/02/24 19:15	0.581	1.838	2.419	0.534			2.5	217	10
11/02/24 19:20	0.411	0.977	1.388	0.505			2.5	213	11
11/02/24 19:25	0.432	1.899	2.331	0.471			2.8	208	14
11/02/24 19:30	0.847	7.129	7.975	0.552			2.7	199	15
11/02/24 19:35	1.040	11.799	12.840	0.659			3.3	200	13
11/02/24 19:40	1.010	12.431	13.441	0.683			3.9	193	10
11/02/24 19:45	0.973	11.538	12.510	0.699			4.5	196	10
11/02/24 19:50	1.012	5.692	6.704	0.629			3.9	193	10
11/02/24 19:55	0.845	6.102	6.947	0.615			4.2	193	11
11/02/24 20:00	0.873	9.333	10.207	0.570			3.3	200	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/02/24 20:05	0.684	11.893	12.577	0.607			3.7	192	09
11/02/24 20:10	0.623	11.148	11.770	0.636			3.0	204	11
11/02/24 20:15	0.478	8.404	8.882	0.602			3.3	198	11
11/02/24 20:20	14.907	28.678	43.585	0.698			4.5	190	11
11/02/24 20:25	49.358	34.086	83.444	0.977			3.6	194	12
11/02/24 20:30	56.632	24.528	81.161	1.224			3.8	193	12
11/02/24 20:35	106.092	39.401	145.493	1.898			5.5	193	07
11/02/24 20:40	36.998	13.835	50.834	2.712			4.9	195	09
11/02/24 20:45	57.070	26.059	83.130	3.311			3.6	196	11
11/02/24 20:50	37.452	21.348	58.800	3.622			3.7	196	09
11/02/24 20:55	29.217	28.838	58.056	3.751			3.9	195	10
11/02/24 21:00	47.755	29.566	77.320	3.722			3.3	190	13
11/02/24 21:05	37.018	31.082	68.100	4.011			3.6	194	10
11/02/24 21:10	39.131	28.345	67.477	4.491			3.5	191	11
11/02/24 21:15	19.458	23.796	43.254	4.861			2.5	184	14
11/02/24 21:20	2.894	8.100	10.994	4.657			2.6	180	13
11/02/24 21:25	1.819	5.170	6.988	4.172			2.2	182	16
11/02/24 21:30	1.895	7.384	9.278	3.696			2.3	190	15
11/02/24 21:35	2.358	8.083	10.442	3.373			2.0	187	15
11/02/24 21:40	1.942	4.566	6.508	3.235			2.2	192	11
11/02/24 21:45	1.263	1.505	2.768	2.847			1.8	195	10
11/02/24 21:50	0.685	1.583	2.268	2.667			2.7	204	05
11/02/24 21:55	0.541	1.786	2.327	2.232			2.5	200	09
11/02/24 22:00	0.353	1.699	2.052	2.029			2.3	205	09
11/02/24 22:05	0.305	1.554	1.859	1.842			3.4	223	05
11/02/24 22:10	0.272	1.786	2.058	1.677			3.8	217	05
11/02/24 22:15	0.204	1.684	1.889	1.607			3.5	224	05
11/02/24 22:20	0.239	8.498	8.737	1.591			3.3	224	05
11/02/24 22:25	0.343	7.540	7.882	1.444			3.3	226	03
11/02/24 22:30	0.268	1.013	1.281	1.352			3.2	231	05
11/02/24 22:35	0.163	1.653	1.816	1.283			3.4	233	04
11/02/24 22:40	0.074	2.344	2.418	1.294			3.5	244	09
11/02/24 22:45	0.162	7.115	7.276	1.343			3.8	253	07
11/02/24 22:50	0.217	8.474	8.691	1.320			4.0	248	07
11/02/24 22:55	0.317	13.716	14.034	1.189			3.8	245	10
11/02/24 23:00	0.502	15.903	16.405	1.163			3.8	243	08
11/02/24 23:05	0.665	15.394	16.059	1.141			3.4	243	09
11/02/24 23:10	0.812	19.163	19.975	0.992			3.3	243	09
11/02/24 23:15	0.988	17.390	18.378	0.943			4.1	254	07
11/02/24 23:20	0.835	12.412	13.246	0.918			3.6	251	07
11/02/24 23:25	1.209	23.310	24.519	0.958			4.0	254	07
11/02/24 23:30	1.589	22.088	23.677	0.975			3.5	254	08
11/02/24 23:35	2.043	25.250	27.293	1.100			3.2	258	08
11/02/24 23:40	2.252	21.421	23.673	1.227			4.1	266	05
11/02/24 23:45	1.678	14.939	16.616	1.264			4.2	266	06
11/02/24 23:50	1.247	13.800	15.047				2.5	271	13
11/02/24 23:55	0.969	12.461	13.429				2.6	272	13
12/02/24 00:00	0.804	11.485	12.289	1.779			2.4	270	10
12/02/24 00:05	0.697	11.436	12.133	1.623			1.7	285	13
12/02/24 00:10	0.463	10.827	11.289	1.606			2.3	273	11
12/02/24 00:15	0.346	9.646	9.992	1.438			2.1	280	14
12/02/24 00:20	0.351	8.373	8.724	1.273			2.1	280	12
12/02/24 00:25	0.409	7.347	7.756	1.268			2.2	282	12
12/02/24 00:30	0.244	6.947	7.191	1.105			1.8	284	14
12/02/24 00:35	0.192	6.521	6.714	1.023			1.6	292	12
12/02/24 00:40	0.138	6.297	6.435	0.968			1.9	285	14
12/02/24 00:45	0.234	5.928	6.162	0.986			2.2	284	13
12/02/24 00:50	0.371	5.994	6.364	1.027			2.5	276	11
12/02/24 00:55	0.402	6.616	7.018	1.089			2.4	272	10
12/02/24 01:00	0.239	6.039	6.278	0.990			2.7	273	09
12/02/24 01:05							2.6	271	13
12/02/24 01:10							3.3	264	05
12/02/24 01:15							2.8	264	08
12/02/24 01:20							2.7	269	07
12/02/24 01:25							2.6	263	09
12/02/24 01:30							2.2	272	11
12/02/24 01:35							2.8	264	09
12/02/24 01:40							2.3	261	09
12/02/24 01:45							1.8	282	17
12/02/24 01:50							1.6	282	17
12/02/24 01:55							1.2	295	24
12/02/24 02:00							1.0	289	25
12/02/24 02:05	0.176	5.726	5.902	1.023			1.2	311	10
12/02/24 02:10	0.191	5.903	6.094	0.980			1.1	313	21
12/02/24 02:15	0.221	7.139	7.359	0.933			0.7	315	25
12/02/24 02:20	0.217	8.052	8.270	0.868			1.1	304	14
12/02/24 02:25	0.081	8.967	9.048	0.850			1.2	306	07
12/02/24 02:30	0.013	10.732	10.745	0.840			1.0	308	08
12/02/24 02:35	0.128	11.764	11.892	0.885			1.1	298	10
12/02/24 02:40	0.139	12.123	12.262	1.002			1.0	298	20
12/02/24 02:45	0.226	13.281	13.508	1.063			1.1	320	23
12/02/24 02:50	0.280	15.681	15.962	0.913			1.0	308	23
12/02/24 02:55	0.299	16.880	17.179	0.840			1.0	318	17
12/02/24 03:00	0.196	16.777	16.973	0.712			1.2	316	17
12/02/24 03:05	0.215	16.928	17.143	0.735			0.8	335	28
12/02/24 03:10	0.309	16.866	17.175	0.714			1.1	8	24
12/02/24 03:15	0.289	16.395	16.684	0.746			0.8	335	40
12/02/24 03:20	0.142	15.383	15.525	0.647			0.8	328	31
12/02/24 03:25	0.150	14.244	14.394	0.693			0.9	340	24
12/02/24 03:30	0.162	13.331	13.493	0.781			0.8	330	29
12/02/24 03:35	0.181	12.897	13.078	0.663			0.8	321	15
12/02/24 03:40	0.161	12.730	12.892	0.637			0.5	344	31
12/02/24 03:45	0.081	12.546	12.627	0.746			0.5	348	30
12/02/24 03:50	0.091	12.668	12.759	0.773			0.7	331	30
12/02/24 03:55	0.163	13.185	13.349	0.744			0.6	313	20
12/02/24 04:00	0.276	13.688	13.964	0.742			0.7	326	26
12/02/24 04:05	0.297	14.106	14.403	0.865			0.8	342	17
12/02/24 04:10	0.200	14.384	14.584	0.903			1.0	338	21
12/02/24 04:15	0.112	14.071	14.183	0.892			0.7	331	27
12/02/24 04:20	0.169	13.784	13.953	0.854			0.9	3	19
12/02/24 04:25	0.207	13.701	13.908	0.855			0.9	17	13
12/02/24 04:30	0.365	14.184	14.548	1.019			0.7	25	14
12/02/24 04:35	0.493	15.133	15.626	0.992			0.8	39	06
12/02/24 04:40	1.079	17.341	18.420	0.951			0.7	28	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/02/24 04:45	1.775	20.914	22.689	0.856			0.5	44	10
12/02/24 04:50	3.019	23.223	26.243	0.856			0.6	78	16
12/02/24 04:55	10.353	25.865	36.218	0.871			0.5	105	12
12/02/24 05:00	12.013	24.601	36.614	0.949			0.8	104	08
12/02/24 05:05	4.283	17.705	21.988	0.985			1.1	95	06
12/02/24 05:10	1.075	15.779	16.854	0.954			1.3	100	08
12/02/24 05:15	1.351	13.944	15.295	1.036			1.3	97	05
12/02/24 05:20	0.411	15.261	15.671	0.899			0.8	74	18
12/02/24 05:25	0.915	17.895	18.810	0.837			1.0	56	13
12/02/24 05:30	0.915	18.411	19.326	0.844			1.3	60	11
12/02/24 05:35	8.558	25.452	34.010	0.947			1.3	57	17
12/02/24 05:40	5.034	23.501	28.535	0.956			1.5	62	09
12/02/24 05:45	4.911	23.472	28.383	0.834			1.2	55	11
12/02/24 05:50	5.899	23.860	29.759	0.773			1.3	56	09
12/02/24 05:55	9.366	21.982	31.348	0.805			1.2	51	07
12/02/24 06:00	18.394	22.199	40.593	0.802			1.2	59	08
12/02/24 06:05	14.638	23.191	37.828	0.881			0.7	50	22
12/02/24 06:10	14.515	23.900	38.415	1.058			0.5	56	21
12/02/24 06:15	15.983	24.057	40.039	1.204			1.2	357	26
12/02/24 06:20	10.949	25.493	36.442	1.215			1.6	5	28
12/02/24 06:25	7.320	22.076	29.395	1.209			1.9	3	23
12/02/24 06:30	5.376	21.488	26.864	1.153			2.0	10	21
12/02/24 06:35	6.374	21.247	27.621	1.057			1.1	351	39
12/02/24 06:40	7.819	20.802	28.622	1.057			1.5	7	32
12/02/24 06:45	8.892	21.270	30.162	1.056			0.7	330	42
12/02/24 06:50	10.472	20.946	31.418	1.124			0.6	289	38
12/02/24 06:55	11.744	21.217	32.961	1.229			0.9	305	24
12/02/24 07:00	13.068	21.436	34.504	1.253			0.4	327	56
12/02/24 07:05	14.646	21.582	36.228	1.290			0.8	334	39
12/02/24 07:10	15.964	23.205	39.170	1.298			0.5	296	52
12/02/24 07:15	18.133	23.159	41.292	1.289			0.3	258	66
12/02/24 07:20	19.755	23.010	42.765	1.334			0.2	304	62
12/02/24 07:25	20.246	23.073	43.319	1.354			0.5	329	30
12/02/24 07:30	20.421	23.101	43.522	1.377			0.4	359	56
12/02/24 07:35	20.360	23.360	43.720	1.401			0.5	1	39
12/02/24 07:40	20.744	23.621	44.365	1.513			0.7	347	41
12/02/24 07:45	20.958	23.659	44.617	1.547			0.7	340	50
12/02/24 07:50	33.343	28.183	61.526	1.541			0.9	7	32
12/02/24 07:55	25.620	25.211	50.830	1.610			0.8	10	48
12/02/24 08:00	24.873	23.660	48.534	1.551			1.7	4	34
12/02/24 08:05	29.193	22.553	51.746	1.510			1.3	11	34
12/02/24 08:10	18.045	22.507	40.552	1.495			1.6	345	34
12/02/24 08:15	10.539	14.513	25.052	1.391			2.5	339	31
12/02/24 08:20	4.589	10.739	15.328	1.311			2.4	339	35
12/02/24 08:25	4.790	10.010	14.801	1.169			1.8	332	37
12/02/24 08:30	5.281	11.599	16.880	1.172			1.9	336	33
12/02/24 08:35	4.468	11.061	15.529	1.025			1.8	330	38
12/02/24 08:40	13.820	9.682	23.502	0.933			2.2	339	35
12/02/24 08:45	4.566	10.545	15.111	0.887			2.1	343	30
12/02/24 08:50	5.340	10.399	15.739	0.866			3.1	347	35
12/02/24 08:55	6.059	11.331	17.390	0.848			2.9	354	30
12/02/24 09:00	4.071	9.407	13.478	0.810			2.3	3	33
12/02/24 09:05	4.991	10.075	15.066	0.864			1.8	353	34
12/02/24 09:10	4.405	9.236	13.641	0.922			3.0	357	28
12/02/24 09:15	4.201	8.773	12.974	0.957			3.1	355	26
12/02/24 09:20	3.468	6.274	9.742	0.983			2.2	337	37
12/02/24 09:25	3.463	7.050	10.513	0.957			2.4	330	36
12/02/24 09:30	3.149	7.402	10.551	0.816			2.9	333	26
12/02/24 09:35	2.925	7.408	10.333	0.829			2.9	6	26
12/02/24 09:40	2.603	7.068	9.672	0.760			3.4	343	35
12/02/24 09:45	2.418	6.610	9.028	0.725			3.6	326	30
12/02/24 09:50	2.346	6.297	8.642	0.631			3.7	2	24
12/02/24 09:55	2.357	6.443	8.800	0.582			2.7	354	33
12/02/24 10:00	2.281	6.324	8.604	0.553			1.9	344	41
12/02/24 10:05	2.258	6.773	9.031	0.558			3.4	335	33
12/02/24 10:10	1.954	6.503	8.457	0.565			2.8	332	26
12/02/24 10:15	1.860	6.396	8.256	0.625			3.2	332	35
12/02/24 10:20	1.898	6.460	8.359	0.674			2.6	326	30
12/02/24 10:25	1.960	6.689	8.649	0.667			3.1	331	30
12/02/24 10:30	1.913	6.702	8.616	0.623			2.8	350	32
12/02/24 10:35	1.923	6.615	8.538	0.654			3.7	1	29
12/02/24 10:40	1.903	6.668	8.571	0.548			4.0	16	21
12/02/24 10:45	1.946	6.818	8.765	0.506			4.7	13	19
12/02/24 10:50	2.267	7.067	9.334	0.510			4.0	352	29
12/02/24 10:55	2.246	6.877	9.124	0.491			3.5	337	33
12/02/24 11:00	2.247	6.982	9.229	0.489			3.0	317	31
12/02/24 11:05	2.175	6.896	9.071	0.484			3.9	355	35
12/02/24 11:10	2.163	6.388	8.551	0.428			3.1	327	26
12/02/24 11:15	1.994	5.999	7.994	0.452			3.3	318	29
12/02/24 11:20	1.825	5.654	7.479	0.439			2.4	335	40
12/02/24 11:25	1.861	5.507	7.367	0.440			4.2	351	33
12/02/24 11:30	1.669	5.210	6.879	0.282			3.7	326	23
12/02/24 11:35	1.462	4.897	6.360	0.174			4.4	307	21
12/02/24 11:40	1.266	4.696	5.962	0.176			3.9	330	23
12/02/24 11:45	1.485	4.945	6.430	0.217			2.6	337	44
12/02/24 11:50	1.610	4.907	6.517	0.295			5.1	309	20
12/02/24 11:55	1.485	4.560	6.045	0.282			3.3	321	25
12/02/24 12:00	1.393	4.451	5.844	0.326			4.0	343	31
12/02/24 12:05	1.463	4.891	6.354	0.321			3.4	324	27
12/02/24 12:10	1.742	5.951	7.693	0.355			3.1	318	29
12/02/24 12:15	1.723	6.435	8.158	0.399			4.2	310	24
12/02/24 12:20	1.584	5.960	7.544	0.357			4.6	326	33
12/02/24 12:25	1.514	5.425	6.940	0.330			4.3	326	30
12/02/24 12:30	1.437	5.193	6.631	0.316			4.2	341	32
12/02/24 12:35	1.417	5.208	6.625	0.295			3.4	344	35
12/02/24 12:40	1.482	5.552	7.035	0.256			4.4	305	23
12/02/24 12:45	1.565	5.616	7.182	0.199			3.0	326	28
12/02/24 12:50	1.488	5.637	7.125	0.127			4.2	306	18
12/02/24 12:55	1.475	5.711	7.186	0.180			4.4	313	25
12/02/24 13:00	1.440	5.422	6.861	0.265			5.2	311	25
12/02/24 13:05	1.323	5.333	6.656	0.297			3.7	307	22
12/02/24 13:10	1.231	5.186	6.416	0.228			5.1	308	19
12/02/24 13:15	1.176	4.931	6.107	0.162			4.9	305	18
12/02/24 13:20	1.066	5.129	6.194	0.230			4.9	309	22

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/02/24 13:25	1.074	5.022	6.096	0.248			4.2	307	26
12/02/24 13:30	1.152	4.946	6.097	0.257			5.0	290	19
12/02/24 13:35	1.123	4.663	5.786	0.272			4.6	307	22
12/02/24 13:40	1.149	4.749	5.898	0.329			4.1	310	28
12/02/24 13:45	1.192	4.784	5.976	0.393			4.0	297	17
12/02/24 13:50	1.064	4.538	5.602	0.476			3.6	268	36
12/02/24 13:55	2.940	13.444	16.384	0.482			3.1	197	37
12/02/24 14:00	37.644	26.324	63.968	0.616			4.0	204	20
12/02/24 14:05	57.655	26.520	84.175	0.871			4.1	182	19
12/02/24 14:10	49.875	26.091	75.966	1.160			4.0	185	13
12/02/24 14:15	21.593	17.165	38.758	1.428			3.2	178	21
12/02/24 14:20	32.869	21.170	54.039	1.591			3.7	182	20
12/02/24 14:25	26.926	23.331	50.258	1.743			3.1	182	21
12/02/24 14:30	8.922	10.024	18.945	1.978			2.3	179	24
12/02/24 14:35	32.013	32.490	64.503	2.152			3.5	190	17
12/02/24 14:40	7.202	11.540	18.742	2.213			3.4	185	22
12/02/24 14:45	23.545	23.207	46.752	2.265			4.5	199	19
12/02/24 14:50	28.232	25.349	53.581	2.180			3.5	186	21
12/02/24 14:55	13.030	16.440	29.469	2.163			3.7	198	15
12/02/24 15:00	18.545	20.499	39.044	2.163			3.8	193	16
12/02/24 15:05	25.853	27.911	53.764	2.014			3.7	197	14
12/02/24 15:10	25.900	21.996	47.896	1.925			3.5	197	13
12/02/24 15:15	29.114	26.489	55.603	1.966			3.2	195	19
12/02/24 15:20	34.224	26.552	60.775	1.953			4.5	202	09
12/02/24 15:25	18.187	17.333	35.519	1.960			3.0	194	17
12/02/24 15:30	19.270	16.518	35.789	1.887			3.8	201	10
12/02/24 15:35	17.076	16.109	33.186	1.656			3.9	201	09
12/02/24 15:40	24.309	18.196	42.504	1.458			4.7	205	07
12/02/24 15:45	41.997	22.170	64.167	1.543			5.0	206	07
12/02/24 15:50	25.202	16.068	41.270	1.485			3.8	199	11
12/02/24 15:55	11.087	12.193	23.280	1.427			3.0	183	19
12/02/24 16:00	23.609	15.288	38.896	1.415			2.9	198	11
12/02/24 16:05	6.212	10.170	16.382	1.383			2.6	196	21
12/02/24 16:10	9.605	10.493	20.098	1.163			4.1	202	06
12/02/24 16:15	5.835	7.536	13.371	1.036			3.8	204	07
12/02/24 16:20	11.059	14.287	25.346	0.866			3.5	200	09
12/02/24 16:25	14.718	19.061	33.779	0.820			3.9	202	09
12/02/24 16:30	28.828	22.377	51.205	0.852			4.9	206	08
12/02/24 16:35	30.657	20.740	51.397	0.847			4.0	200	09
12/02/24 16:40	5.037	6.464	11.501	0.989			2.9	195	14
12/02/24 16:45	36.445	20.284	56.728	0.903			3.5	202	11
12/02/24 16:50	35.640	16.813	52.453	1.027			4.8	210	06
12/02/24 16:55	26.509	9.515	36.024	0.886			5.1	209	05
12/02/24 17:00	50.580	27.786	78.366	0.805			4.5	203	10
12/02/24 17:05	40.478	16.195	56.674	0.718			3.8	198	10
12/02/24 17:10	36.253	14.265	50.518	0.883			4.8	207	10
12/02/24 17:15	30.900	13.075	43.975	0.907			4.0	204	15
12/02/24 17:20	102.804	25.906	128.711	0.876			3.7	203	12
12/02/24 17:25	12.866	6.417	19.283	0.729			5.2	208	04
12/02/24 17:30	32.243	10.384	42.627	0.638			3.5	200	12
12/02/24 17:35	28.568	19.477	48.045	0.638			4.6	206	06
12/02/24 17:40	1.726	3.500	5.226	0.654			5.6	210	04
12/02/24 17:45	4.105	4.426	8.531	0.709			4.5	208	05
12/02/24 17:50	3.967	5.886	9.854	0.687			3.4	207	08
12/02/24 17:55	5.550	6.135	11.686	0.579			4.1	208	07
12/02/24 18:00	7.749	3.942	11.691	0.643			4.6	212	09
12/02/24 18:05	0.405	1.303	1.708	0.626			5.0	216	05
12/02/24 18:10	0.244	0.917	1.161	0.601			4.7	214	03
12/02/24 18:15	0.045	0.921	0.966	0.599			5.1	213	04
12/02/24 18:20	0.162	0.902	1.064	0.500			5.4	219	04
12/02/24 18:25	0.298	1.034	1.332	0.249			4.2	213	06
12/02/24 18:30	1.036	2.185	3.221	0.439			4.5	212	04
12/02/24 18:35	0.783	2.738	3.521	0.526			5.9	212	04
12/02/24 18:40	1.459	6.033	7.492	0.572			5.6	216	05
12/02/24 18:45	0.780	2.586	3.366	0.427			5.9	218	06
12/02/24 18:50	0.711	2.518	3.229	0.209			6.2	210	04
12/02/24 18:55	1.372	3.925	5.297	0.365			6.2	210	03
12/02/24 19:00	20.584	12.258	32.842	0.335			4.5	207	09
12/02/24 19:05	42.841	21.678	64.519	0.393			3.9	202	10
12/02/24 19:10	51.765	23.755	75.520	0.479			4.0	205	09
12/02/24 19:15	45.523	22.660	68.182	0.511			3.8	200	10
12/02/24 19:20	46.153	23.741	69.894	0.558			3.0	196	11
12/02/24 19:25	38.445	24.917	63.363	0.575			2.6	193	13
12/02/24 19:30	43.982	22.734	66.716	0.690			3.4	201	10
12/02/24 19:35	45.352	20.138	65.490	0.859			3.5	205	08
12/02/24 19:40	44.613	17.978	62.591	0.859			3.4	203	10
12/02/24 19:45	36.358	15.253	51.611	0.753			2.8	198	09
12/02/24 19:50	23.727	21.506	45.233	0.654			2.5	193	13
12/02/24 19:55	34.653	25.126	59.778	0.708			2.5	194	14
12/02/24 20:00	13.673	20.411	34.085	0.552			2.5	197	13
12/02/24 20:05	12.371	11.875	24.247	0.594			1.9	194	10
12/02/24 20:10	3.962	8.756	12.718	0.566			2.1	197	09
12/02/24 20:15	5.629	8.610	14.239	0.538			3.0	203	07
12/02/24 20:20	5.583	9.829	15.411	0.499			2.5	200	10
12/02/24 20:25	4.503	8.512	13.015	0.318			1.7	190	13
12/02/24 20:30	3.639	7.214	10.854	0.256			1.3	196	17
12/02/24 20:35	1.581	3.692	5.273	0.297			2.1	208	07
12/02/24 20:40	1.260	1.109	2.369	0.235			2.2	208	07
12/02/24 20:45	0.944	1.355	2.299	0.083			2.3	214	04
12/02/24 20:50	0.769	1.326	2.095	-0.021			3.1	228	08
12/02/24 20:55	0.533	1.327	1.860	0.084			3.1	236	05
12/02/24 21:00	0.407	1.371	1.778	0.220			3.4	232	04
12/02/24 21:05	0.226	1.256	1.483	0.192			3.2	231	04
12/02/24 21:10	0.252	1.317	1.569	0.218			3.3	229	05
12/02/24 21:15	0.268	1.242	1.510	0.225			3.0	230	05
12/02/24 21:20	0.306	1.223	1.529	0.249			2.2	221	08
12/02/24 21:25	0.169	1.292	1.460	0.274			1.4	233	17
12/02/24 21:30	0.066	1.341	1.407	0.282			2.4	232	07
12/02/24 21:35	0.024	1.332	1.356	0.352			2.8	237	10
12/02/24 21:40	0.014	1.295	1.309	0.347			2.7	244	06
12/02/24 21:45	0.013	1.306	1.319	0.301			3.2	240	05
12/02/24 21:50	0.025	1.364	1.389	0.235			2.7	247	06
12/02/24 21:55	-0.068	1.553	1.485	0.173			1.8	255	07
12/02/24 22:00	0.022	1.953	1.974	0.124			2.2	253	06

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/02/24 22:05	0.142	10.810	10.952	0.126			2.4	270	10
12/02/24 22:10	0.496	16.222	16.718	0.202			2.9	260	04
12/02/24 22:15	1.473	22.078	23.551	0.372			2.6	267	06
12/02/24 22:20	3.451	24.954	28.405	0.471			1.9	276	10
12/02/24 22:25	2.988	20.542	23.530	0.618			1.8	274	11
12/02/24 22:30	1.650	13.071	14.721	0.726			1.4	280	17
12/02/24 22:35	1.447	19.478	20.924	0.709			1.4	286	12
12/02/24 22:40	1.840	21.620	23.460	0.705			1.4	279	11
12/02/24 22:45	2.169	19.237	21.405	0.760			1.8	268	07
12/02/24 22:50	1.690	13.747	15.437	0.811			2.0	273	09
12/02/24 22:55	1.735	21.497	23.232	0.860			1.0	286	13
12/02/24 23:00	2.161	22.873	25.034	0.828			1.2	284	12
12/02/24 23:05	2.397	23.420	25.817	0.839			1.1	288	13
12/02/24 23:10	2.249	23.136	25.385	0.787			1.0	284	13
12/02/24 23:15	1.890	21.890	23.780	0.860			0.9	296	15
12/02/24 23:20	1.596	21.406	23.002	0.901			1.1	304	09
12/02/24 23:25	1.395	21.751	23.145	0.853			0.9	298	14
12/02/24 23:30	1.213	21.703	22.916	0.745			1.0	306	09
12/02/24 23:35	0.930	21.186	22.117	0.698			0.9	274	14
12/02/24 23:40	0.709	20.894	21.603	0.659			0.9	278	19
12/02/24 23:45	0.659	20.832	21.491	0.633			0.9	296	16
12/02/24 23:50	0.640	20.880	21.520				0.7	292	19
12/02/24 23:55	0.541	20.957	21.499				0.9	282	16
13/02/24 00:00	0.537	21.186	21.724	0.088			1.4	279	08
13/02/24 00:05	0.554	21.197	21.751	0.129			1.2	276	13
13/02/24 00:10	0.764	21.306	22.070	0.234			1.0	284	21
13/02/24 00:15	0.976	21.894	22.870	0.371			0.8	283	18
13/02/24 00:20	1.160	22.188	23.347	0.400			0.6	305	14
13/02/24 00:25	1.213	22.244	23.457	0.351			0.8	302	13
13/02/24 00:30	1.138	21.965	23.104	0.366			0.8	291	17
13/02/24 00:35	1.109	22.048	23.157	0.424			0.5	318	36
13/02/24 00:40	1.250	22.244	23.494	0.395			0.7	353	42
13/02/24 00:45	1.320	22.214	23.535	0.373			0.8	353	37
13/02/24 00:50	1.383	22.393	23.776	0.424			0.6	340	42
13/02/24 00:55	1.379	22.450	23.829	0.439			0.5	328	41
13/02/24 01:00	1.330	22.444	23.774	0.465			0.8	349	37
13/02/24 01:05							0.6	5	39
13/02/24 01:10							0.7	354	35
13/02/24 01:15							0.8	327	25
13/02/24 01:20							0.6	329	35
13/02/24 01:25							0.7	9	25
13/02/24 01:30							1.0	38	22
13/02/24 01:35							1.0	63	14
13/02/24 01:40							0.8	79	14
13/02/24 01:45							0.8	74	14
13/02/24 01:50							0.7	82	10
13/02/24 01:55							1.0	82	14
13/02/24 02:00							1.1	62	16
13/02/24 02:05	1.212	20.028	21.240	0.411			1.6	59	05
13/02/24 02:10	1.087	19.875	20.962	0.338			1.4	59	08
13/02/24 02:15	0.939	19.688	20.627	0.326			0.9	43	20
13/02/24 02:20	1.437	20.026	21.464	0.272			1.1	42	13
13/02/24 02:25	1.984	20.710	22.694	0.220			1.5	50	08
13/02/24 02:30	1.116	21.428	22.544	0.284			1.4	52	09
13/02/24 02:35	1.041	21.278	22.319	0.334			1.2	47	13
13/02/24 02:40	0.996	21.315	22.311	0.318			0.8	58	16
13/02/24 02:45	1.022	21.009	22.031	0.310			0.8	44	14
13/02/24 02:50	1.003	20.674	21.677	0.323			1.0	55	11
13/02/24 02:55	0.885	19.961	20.846	0.409			1.2	46	11
13/02/24 03:00	0.752	19.005	19.757	0.379			1.2	39	18
13/02/24 03:05	0.758	17.996	18.754	0.277			1.3	39	16
13/02/24 03:10	0.684	16.318	17.003	0.233			2.4	25	20
13/02/24 03:15	0.525	12.817	13.342	0.194			2.7	20	20
13/02/24 03:20	0.390	9.366	9.756	0.352			2.1	26	19
13/02/24 03:25	0.325	8.756	9.080	0.372			2.5	19	23
13/02/24 03:30	0.269	8.938	9.207	0.334			2.2	34	27
13/02/24 03:35	0.242	9.209	9.451	0.447			2.2	26	26
13/02/24 03:40	0.314	9.451	9.765	0.448			2.6	16	21
13/02/24 03:45	0.305	9.755	10.060	0.347			3.1	8	19
13/02/24 03:50	0.338	9.999	10.337	0.337			2.4	359	22
13/02/24 03:55	0.382	10.473	10.856	0.191			1.0	338	34
13/02/24 04:00	0.337	11.287	11.625	0.138			1.9	356	17
13/02/24 04:05	0.395	12.452	12.848	0.289			2.1	355	19
13/02/24 04:10	0.542	13.835	14.378	0.261			1.7	5	16
13/02/24 04:15	0.923	17.888	18.811	0.142			1.8	4	15
13/02/24 04:20	1.282	21.848	23.130	0.113			1.8	2	17
13/02/24 04:25	1.813	22.607	24.420	0.378			1.5	348	26
13/02/24 04:30	2.608	23.287	25.895	0.406			1.5	2	26
13/02/24 04:35	6.201	27.980	34.181	0.407			2.1	2	19
13/02/24 04:40	7.506	25.691	33.197	0.410			1.9	11	15
13/02/24 04:45	6.280	25.488	31.768	0.457			2.3	16	19
13/02/24 04:50	4.184	19.450	23.634	0.415			2.9	7	19
13/02/24 04:55	1.882	16.413	18.295	0.288			3.2	5	24
13/02/24 05:00	2.105	19.202	21.306	0.287			2.9	5	16
13/02/24 05:05	9.481	34.870	44.352	0.328			2.8	5	29
13/02/24 05:10	16.636	30.195	46.831	0.401			2.7	10	22
13/02/24 05:15	6.865	28.246	35.111	0.332			2.3	355	27
13/02/24 05:20	2.126	21.209	23.335	0.256			3.3	0	25
13/02/24 05:25	1.495	20.023	21.518	0.349			3.4	3	19
13/02/24 05:30	1.583	19.391	20.974	0.398			3.5	4	19
13/02/24 05:35	1.683	19.179	20.863	0.343			3.7	10	19
13/02/24 05:40	1.955	20.842	22.797	0.270			4.0	10	17
13/02/24 05:45	2.193	22.853	25.045	0.312			4.1	11	19
13/02/24 05:50	2.373	23.133	25.505	0.298			3.4	6	22
13/02/24 05:55	2.634	23.170	25.804	0.143			4.3	8	27
13/02/24 06:00	2.683	23.039	25.722	0.162			4.2	9	20
13/02/24 06:05	2.940	23.148	26.088	0.169			3.4	5	20
13/02/24 06:10	3.195	23.217	26.412	0.276			4.4	8	19
13/02/24 06:15	3.148	22.268	25.415	0.252			3.7	5	19
13/02/24 06:20	3.235	21.847	25.082	0.364			4.1	4	21
13/02/24 06:25	3.517	21.622	25.139	0.299			4.2	6	17
13/02/24 06:30	3.812	21.317	25.130	0.160			3.3	8	24
13/02/24 06:35	4.627	21.657	26.284	0.093			4.3	7	18
13/02/24 06:40	5.895	23.029	28.924	0.078			3.8	4	19

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/02/24 06:45	7.301	23.417	30.717	0.185			3.4	2	27
13/02/24 06:50	9.008	22.798	31.807	0.289			3.5	360	18
13/02/24 06:55	11.027	23.593	34.621	0.090			3.5	3	20
13/02/24 07:00	11.406	22.197	33.602	0.107			3.8	7	18
13/02/24 07:05	11.946	22.452	34.398	0.190			3.4	9	22
13/02/24 07:10	12.728	22.596	35.324	0.252			3.9	13	20
13/02/24 07:15	12.743	18.848	31.591	0.347			3.4	359	26
13/02/24 07:20	10.136	19.969	30.104	0.302			3.9	1	23
13/02/24 07:25	8.849	19.639	28.488	0.097			2.9	358	26
13/02/24 07:30	8.759	17.979	26.738	0.023			3.0	0	26
13/02/24 07:35	7.350	17.723	25.074	0.005			2.8	355	33
13/02/24 07:40	6.797	16.103	22.900	0.244			2.2	352	39
13/02/24 07:45	6.781	15.434	22.215	0.310			2.9	342	34
13/02/24 07:50	5.563	13.444	19.007	0.246			3.0	348	35
13/02/24 07:55	4.914	11.667	16.581	0.223			2.8	337	34
13/02/24 08:00	4.556	11.459	16.014	0.127			2.7	328	36
13/02/24 08:05	4.302	11.281	15.583	0.114			3.3	334	31
13/02/24 08:10	3.974	10.853	14.827	0.183			3.4	317	30
13/02/24 08:15	3.791	10.416	14.208	0.152			3.9	331	34
13/02/24 08:20	3.656	9.894	13.550	0.070			3.5	341	37
13/02/24 08:25	3.418	9.303	12.721	0.231			3.6	343	34
13/02/24 08:30	3.194	8.803	11.997	0.197			4.1	327	27
13/02/24 08:35	3.200	8.561	11.761	0.208			3.9	331	30
13/02/24 08:40	3.151	8.207	11.358	0.189			4.2	333	26
13/02/24 08:45	3.067	7.928	10.996	0.171			3.3	327	34
13/02/24 08:50	3.184	8.109	11.293	0.223			4.3	335	30
13/02/24 08:55	2.970	7.881	10.851	0.270			3.7	337	32
13/02/24 09:00	2.945	8.037	10.982	0.283			3.2	340	37
13/02/24 09:05	2.902	7.868	10.770	0.254			3.2	344	41
13/02/24 09:10	2.839	7.770	10.609	0.315			4.0	340	29
13/02/24 09:15	2.799	7.549	10.349	0.295			3.6	338	30
13/02/24 09:20	2.929	7.940	10.869	0.287			3.1	344	37
13/02/24 09:25	3.012	8.179	11.191	0.321			4.5	357	26
13/02/24 09:30	3.099	8.219	11.318	0.119			5.0	350	28
13/02/24 09:35	3.578	8.682	12.260	0.081			5.8	2	24
13/02/24 09:40	2.930	9.805	12.735	0.019			4.2	355	29
13/02/24 09:45	2.938	9.438	12.376	-0.141			3.1	344	39
13/02/24 09:50	2.710	8.975	11.685	-0.072			3.6	346	30
13/02/24 09:55	3.142	9.078	12.220	-0.065			5.1	7	20
13/02/24 10:00	3.263	9.297	12.559	0.034			4.5	3	30
13/02/24 10:05	3.170	9.132	12.302	0.046			5.7	360	23
13/02/24 10:10	3.148	9.059	12.208	-0.047			4.1	358	28
13/02/24 10:15	3.168	9.253	12.421	-0.106			3.4	338	31
13/02/24 10:20	3.165	9.084	12.249	-0.034			4.2	359	32
13/02/24 10:25	3.053	8.641	11.694	0.063			3.7	347	39
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Station Pier Ambient Air Quality Monitoring
February 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/02/24 15:25									
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Station Pier Ambient Air Quality Monitoring
February 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/02/24 00:05									
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Station Pier Ambient Air Quality Monitoring
February 2024
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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
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Station Pier Ambient Air Quality Monitoring
February 2024
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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
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15/02/24 01:00									
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15/02/24 01:40									
15/02/24 01:45									
15/02/24 01:50									
15/02/24 01:55									
15/02/24 02:00									

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/02/24 02:05									
15/02/24 02:10									
15/02/24 02:15									
15/02/24 02:20									
15/02/24 02:25									
15/02/24 02:30									
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15/02/24 02:40									
15/02/24 02:45									
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15/02/24 03:05									
15/02/24 03:10									
15/02/24 03:15									
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15/02/24 04:00									
15/02/24 04:05									
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15/02/24 08:05									
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15/02/24 08:35									
15/02/24 08:40									
15/02/24 08:45									
15/02/24 08:50									
15/02/24 08:55									
15/02/24 09:00									
15/02/24 09:05									
15/02/24 09:10									
15/02/24 09:15									
15/02/24 09:20									
15/02/24 09:25									
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15/02/24 10:00									
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15/02/24 10:15									
15/02/24 10:20									
15/02/24 10:25									
15/02/24 10:30									
15/02/24 10:35									
15/02/24 10:40									

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/02/24 10:45									
15/02/24 10:50									
15/02/24 10:55									
15/02/24 11:00									
15/02/24 11:05									
15/02/24 11:10							4.5	194	08
15/02/24 11:15	3.823	2.970	6.792	1.084			4.5	200	10
15/02/24 11:20	3.068	2.926	5.994	0.949			3.9	198	10
15/02/24 11:25	3.213	2.779	5.992	0.973			3.8	197	12
15/02/24 11:30	3.599	3.836	7.435	0.815			3.8	196	10
15/02/24 11:35	3.506	5.388	8.894	0.784			3.9	196	10
15/02/24 11:40	4.001	2.697	6.698	0.877			3.9	193	10
15/02/24 11:45	11.221	9.511	20.732	0.888			4.0	198	09
15/02/24 11:50	9.145	6.154	15.298	0.855			4.3	198	09
15/02/24 11:55	9.020	5.002	14.022	0.818			3.8	193	11
15/02/24 12:00	36.334	15.894	52.227	0.677			4.2	201	09
15/02/24 12:05	70.234	15.428	85.662	0.832			4.3	198	12
15/02/24 12:10	43.071	20.272	63.343	0.833			4.4	203	09
15/02/24 12:15	31.696	6.040	37.736	0.947			4.9	205	08
15/02/24 12:20	12.079	8.905	20.984	0.899			4.9	202	08
15/02/24 12:25	17.044	13.891	30.934	0.831			5.3	207	06
15/02/24 12:30	9.836	8.668	18.504	0.701			5.4	207	05
15/02/24 12:35	5.428	0.208	5.637	0.573			5.7	208	06
15/02/24 12:40				0.587			5.5	206	09
15/02/24 12:45	10.612	7.584	18.196	0.546			5.7	208	05
15/02/24 12:50	8.862	8.849	17.712	0.421			5.1	202	07
15/02/24 12:55	14.344	6.029	20.373	0.436			5.3	204	07
15/02/24 13:00	6.329	3.631	9.961	0.495			5.7	205	06
15/02/24 13:05	5.829	5.475	11.304	0.502			5.6	206	07
15/02/24 13:10	12.184	10.093	22.276	0.535			5.2	201	08
15/02/24 13:15	14.761	6.024	20.785	0.504			5.5	203	08
15/02/24 13:20	9.124	10.099	19.224	0.733			6.0	204	06
15/02/24 13:25	15.550	13.328	28.878	0.721			5.6	203	08
15/02/24 13:30	9.185	3.148	12.333	0.635			6.4	206	05
15/02/24 13:35	14.698	11.017	25.716	0.585			5.7	202	07
15/02/24 13:40	12.529	11.305	23.834	0.649			6.0	204	09
15/02/24 13:45	39.901	10.426	50.328	0.696			5.6	201	09
15/02/24 13:50	51.989	17.533	69.522	0.825			5.5	201	08
15/02/24 13:55	46.474	16.692	63.166	0.816			5.8	202	09
15/02/24 14:00	28.794	10.452	39.246	0.583			6.1	202	06
15/02/24 14:05	30.275	9.064	39.339	0.685			5.0	197	08
15/02/24 14:10	48.956	14.679	63.635	0.693			5.1	195	11
15/02/24 14:15	67.569	18.077	85.647	0.716			5.4	199	09
15/02/24 14:20	37.671	14.008	51.679	0.736			5.6	200	09
15/02/24 14:25	45.716	13.321	59.037	0.650			6.0	202	08
15/02/24 14:30	64.118	18.089	82.207	0.720			5.9	201	08
15/02/24 14:35	49.797	13.710	63.507	0.742			5.8	198	10
15/02/24 14:40	26.159	12.538	38.696	0.798			6.6	204	08
15/02/24 14:45	51.598	9.336	60.934	0.827			5.9	199	08
15/02/24 14:50	44.243	18.351	62.594	0.902			5.9	202	09
15/02/24 14:55	22.266	10.683	32.950	0.781			7.5	205	05
15/02/24 15:00	44.788	20.719	65.507	0.748			6.1	201	10
15/02/24 15:05	31.331	10.906	42.237	0.666			6.5	202	08
15/02/24 15:10	42.195	8.326	50.521	0.680			7.1	204	07
15/02/24 15:15	63.880	10.598	74.478	0.754			6.2	202	09
15/02/24 15:20	56.043	8.665	64.708	0.680			6.0	199	09
15/02/24 15:25	36.687	12.426	49.113	0.666			5.8	198	11
15/02/24 15:30	53.766	16.433	70.199	0.844			6.9	202	08
15/02/24 15:35	73.401	9.765	83.166	1.041			6.7	202	08
15/02/24 15:40	52.707	12.770	65.477	1.155			6.8	203	07
15/02/24 15:45	84.197	9.279	93.477	1.123			6.0	201	08
15/02/24 15:50	63.155	23.696	86.851	1.138			6.0	199	09
15/02/24 15:55	42.972	11.440	54.412	0.907			6.7	204	08
15/02/24 16:00	61.910	14.588	76.499	0.892			5.8	199	10
15/02/24 16:05	46.671	13.259	59.929	0.761			6.7	204	07
15/02/24 16:10	47.841	16.403	64.243	0.646			5.8	199	08
15/02/24 16:15	60.704	15.325	76.028	0.753			6.2	202	07
15/02/24 16:20	50.567	14.027	64.594	0.753			6.0	201	10
15/02/24 16:25	87.804	16.362	104.165	0.675			6.0	199	08
15/02/24 16:30	66.464	12.852	79.316	0.703			6.2	194	10
15/02/24 16:35	63.138	15.703	78.841	0.766			5.7	198	10
15/02/24 16:40	13.315	6.304	19.619	0.821			4.5	190	12
15/02/24 16:45	3.095	3.802	6.896	0.694			3.7	187	15
15/02/24 16:50	1.292	1.860	3.152	0.545			3.5	179	17
15/02/24 16:55	0.794	1.469	2.262	0.441			4.7	191	13
15/02/24 17:00	1.006	1.567	2.572	0.488			3.5	182	17
15/02/24 17:05	1.086	1.578	2.664	0.323			4.4	185	14
15/02/24 17:10	1.177	1.560	2.736	0.336			3.6	185	13
15/02/24 17:15	1.065	1.533	2.598	0.379			4.0	184	13
15/02/24 17:20	0.850	1.606	2.456	0.438			4.1	182	13
15/02/24 17:25	0.866	1.486	2.352	0.263			4.7	187	11
15/02/24 17:30	0.779	1.447	2.226	0.360			4.1	180	16
15/02/24 17:35	0.879	1.444	2.323	0.392			4.2	186	13
15/02/24 17:40	0.850	1.492	2.342	0.267			3.8	179	17
15/02/24 17:45	0.737	1.404	2.141	0.113			4.3	185	14
15/02/24 17:50	0.679	1.419	2.098	0.238			3.6	177	17
15/02/24 17:55	0.627	1.407	2.034	0.173			3.8	174	20
15/02/24 18:00	0.525	1.251	1.776	0.404			3.1	166	23
15/02/24 18:05	0.463	1.135	1.597	0.624			3.1	173	23
15/02/24 18:10	0.399	1.093	1.491	0.393			3.4	172	23
15/02/24 18:15	0.257	1.036	1.294	0.269			3.8	168	19
15/02/24 18:20	0.165	0.999	1.165	0.356			3.1	174	24
15/02/24 18:25	-0.009	0.953	0.945	0.480			3.1	167	23
15/02/24 18:30	-0.005	0.915	0.910	0.311			3.1	169	18
15/02/24 18:35	0.108	0.919	1.027	0.086			3.1	172	24
15/02/24 18:40	0.116	0.924	1.040	0.216			2.3	168	29
15/02/24 18:45	0.032	0.933	0.966	0.285			3.3	161	26
15/02/24 18:50	0.084	0.973	1.057	0.182			2.5	167	26
15/02/24 18:55	0.221	1.014	1.234	0.085			4.2	147	17
15/02/24 19:00	0.245	1.027	1.273	0.263			4.1	144	17
15/02/24 19:05	0.238	1.101	1.339	0.246			4.6	136	10
15/02/24 19:10	0.199	1.117	1.316	0.356			4.4	138	16
15/02/24 19:15	0.118	1.187	1.305	0.360			4.2	135	15
15/02/24 19:20	0.197	1.171	1.367	0.445			4.3	135	17

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/02/24 19:25	0.195	1.197	1.393	0.417			4.6	139	12
15/02/24 19:30	0.192	1.262	1.454	0.375			5.3	140	11
15/02/24 19:35	0.170	1.225	1.395	0.411			5.2	139	11
15/02/24 19:40	0.100	1.276	1.376	0.350			4.1	139	18
15/02/24 19:45	0.073	1.293	1.366	0.395			4.3	142	16
15/02/24 19:50	0.134	1.247	1.382	0.406			4.2	140	15
15/02/24 19:55	0.040	1.349	1.389	0.401			4.6	136	11
15/02/24 20:00	0.101	1.416	1.516	0.413			3.7	143	15
15/02/24 20:05	0.158	1.553	1.710	0.301			4.3	137	14
15/02/24 20:10	0.253	1.665	1.918	0.069			4.0	135	15
15/02/24 20:15	0.221	1.804	2.025	0.194			2.9	125	19
15/02/24 20:20	0.130	1.945	2.075	0.265			3.1	128	19
15/02/24 20:25	0.065	2.081	2.146	0.274			3.2	134	18
15/02/24 20:30	0.099	2.157	2.256	0.219			3.9	133	15
15/02/24 20:35	0.034	2.169	2.204	0.032			3.9	135	16
15/02/24 20:40	-0.056	2.127	2.071	-0.085			3.4	128	18
15/02/24 20:45	-0.002	2.029	2.028	0.076			3.7	131	12
15/02/24 20:50	-0.055	1.915	1.859	-0.037			3.0	145	25
15/02/24 20:55	-0.083	1.905	1.822	-0.147			3.4	146	18
15/02/24 21:00	0.076	1.676	1.752	0.019			3.1	158	20
15/02/24 21:05	0.043	1.592	1.635	0.144			3.1	139	16
15/02/24 21:10	0.047	1.543	1.590	0.420			3.5	132	16
15/02/24 21:15	-0.044	1.531	1.486	0.471			3.7	131	14
15/02/24 21:20	0.037	1.493	1.530	0.412			3.3	132	15
15/02/24 21:25	0.049	1.407	1.456	0.229			4.6	144	15
15/02/24 21:30	0.167	1.396	1.563	0.292			4.0	135	11
15/02/24 21:35	0.077	1.375	1.452	0.330			3.5	135	14
15/02/24 21:40	-0.060	1.379	1.319	0.228			3.5	120	17
15/02/24 21:45	0.040	1.478	1.518	0.135			2.4	114	17
15/02/24 21:50	0.135	1.545	1.679	0.173			2.7	113	13
15/02/24 21:55	0.267	1.923	2.190	0.142			3.0	117	11
15/02/24 22:00	0.319	2.085	2.404	0.041			2.0	123	19
15/02/24 22:05	0.204	1.998	2.202	0.214			2.5	129	18
15/02/24 22:10	0.210	1.913	2.123	0.250			2.6	127	15
15/02/24 22:15	0.269	1.843	2.113	0.249			2.5	133	21
15/02/24 22:20	0.210	1.768	1.979	0.263			3.0	136	22
15/02/24 22:25	0.293	1.603	1.896	0.262			3.7	136	15
15/02/24 22:30	0.229	1.572	1.801	0.121			3.9	137	13
15/02/24 22:35	0.186	1.522	1.708	0.273			4.1	137	10
15/02/24 22:40	0.161	1.459	1.620	0.280			4.1	137	11
15/02/24 22:45	-0.044	1.428	1.384	0.124			3.5	136	17
15/02/24 22:50	-0.071	1.321	1.250	0.058			3.8	140	16
15/02/24 22:55	0.038	1.283	1.322	0.096			4.0	141	14
15/02/24 23:00	0.178	1.246	1.425	0.052			3.4	143	20
15/02/24 23:05	0.247	1.171	1.418	0.036			3.1	147	21
15/02/24 23:10	0.166	1.152	1.318	0.032			3.2	140	16
15/02/24 23:15	0.138	1.122	1.260	0.052			3.8	142	15
15/02/24 23:20	0.220	1.034	1.254	0.152			3.8	138	16
15/02/24 23:25	0.158	1.007	1.164	0.257			3.4	142	20
15/02/24 23:30	0.094	0.950	1.043	0.190			4.1	136	15
15/02/24 23:35	0.102	0.903	1.005	0.240			3.3	135	20
15/02/24 23:40	0.018	0.914	0.932	0.219			3.3	144	19
15/02/24 23:45	-0.061	0.964	0.902	0.207			3.3	142	17
15/02/24 23:50	-0.058	0.852	0.794				3.4	148	20
15/02/24 23:55	-0.061	0.784	0.723				3.9	140	15
16/02/24 00:00	-0.080	0.775	0.695	0.066			4.5	141	15
16/02/24 00:05	-0.044	0.791	0.747	0.010			3.5	133	16
16/02/24 00:10	-0.049	0.761	0.712	-0.116			3.4	141	20
16/02/24 00:15	-0.148	0.900	0.752	-0.175			4.3	137	12
16/02/24 00:20	-0.206	0.927	0.721	-0.166			3.6	133	15
16/02/24 00:25	-0.165	0.990	0.825	-0.148			4.2	139	14
16/02/24 00:30	-0.011	0.911	0.900	-0.114			4.0	139	12
16/02/24 00:35	0.081	1.020	1.101	-0.058			4.2	135	12
16/02/24 00:40	0.073	1.037	1.110	-0.127			3.7	141	16
16/02/24 00:45	0.070	1.083	1.153	-0.116			4.4	142	13
16/02/24 00:50	0.121	1.106	1.226	0.147			3.4	139	17
16/02/24 00:55	0.147	1.104	1.251	0.167			3.7	144	18
16/02/24 01:00	0.190	1.153	1.343	0.135			4.7	139	12
16/02/24 01:05							4.1	140	13
16/02/24 01:10							4.3	139	12
16/02/24 01:15							3.7	136	17
16/02/24 01:20							3.7	141	17
16/02/24 01:25							3.1	136	17
16/02/24 01:30							3.3	142	18
16/02/24 01:35							3.6	134	13
16/02/24 01:40							3.2	132	17
16/02/24 01:45							3.0	131	19
16/02/24 01:50							2.7	133	18
16/02/24 01:55							2.7	130	23
16/02/24 02:00							2.6	130	23
16/02/24 02:05	0.193	1.494	1.687	0.271			2.5	131	21
16/02/24 02:10	0.303	1.533	1.836	0.350			2.7	137	18
16/02/24 02:15	0.271	1.633	1.904	0.105			2.5	126	17
16/02/24 02:20	0.167	1.747	1.914	0.073			2.0	121	20
16/02/24 02:25	-0.016	1.869	1.853	0.119			2.2	119	14
16/02/24 02:30	-0.085	1.937	1.852	0.258			1.5	119	27
16/02/24 02:35	-0.097	1.908	1.811	0.236			2.2	116	14
16/02/24 02:40	0.010	1.810	1.820	0.188			1.4	120	25
16/02/24 02:45	-0.102	1.875	1.773	0.191			2.2	125	17
16/02/24 02:50	-0.073	1.945	1.872	0.249			2.3	125	21
16/02/24 02:55	0.031	1.945	1.976	0.221			2.1	123	18
16/02/24 03:00	0.114	1.897	2.011	0.124			1.8	134	21
16/02/24 03:05	0.176	1.869	2.045	-0.023			1.6	131	25
16/02/24 03:10	0.103	1.871	1.973	0.052			2.0	130	19
16/02/24 03:15	0.091	1.832	1.924	0.309			1.5	118	22
16/02/24 03:20	0.157	1.834	1.991	0.300			1.7	122	24
16/02/24 03:25	0.190	1.815	2.005	0.307			2.4	130	16
16/02/24 03:30	0.132	1.757	1.889	0.241			2.1	121	18
16/02/24 03:35	0.085	1.871	1.955	0.253			1.9	118	20
16/02/24 03:40	0.152	1.979	2.131	0.352			1.5	123	23
16/02/24 03:45	0.032	2.067	2.099	0.419			1.7	118	21
16/02/24 03:50	0.173	2.237	2.410	0.297			1.8	123	22
16/02/24 03:55	0.285	2.372	2.657	0.218			1.5	126	20
16/02/24 04:00	0.282	2.344	2.626	0.005			1.8	131	25

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/02/24 04:05	0.300	2.283	2.582	-0.045			2.5	136	14
16/02/24 04:10	0.259	2.249	2.508	-0.051			2.2	133	19
16/02/24 04:15	0.191	2.227	2.418	-0.028			1.8	129	19
16/02/24 04:20	0.144	2.248	2.392	0.113			2.5	132	17
16/02/24 04:25	0.058	2.225	2.283	0.156			1.9	123	26
16/02/24 04:30	0.373	2.371	2.744	0.105			2.2	118	14
16/02/24 04:35	0.685	2.584	3.269	0.198			2.2	117	12
16/02/24 04:40	0.566	2.624	3.190	0.113			2.8	116	10
16/02/24 04:45	0.425	2.838	3.262	0.112			2.3	103	13
16/02/24 04:50	0.352	3.474	3.826	0.192			2.4	94	09
16/02/24 04:55	0.444	3.831	4.275	0.269			2.2	94	10
16/02/24 05:00	0.464	4.285	4.749	0.208			1.7	83	11
16/02/24 05:05	0.392	4.717	5.109	0.289			1.8	80	10
16/02/24 05:10	0.291	5.509	5.800	0.304			1.7	84	13
16/02/24 05:15	0.309	6.183	6.491	0.241			1.9	77	10
16/02/24 05:20	0.362	6.697	7.059	0.186			1.7	81	13
16/02/24 05:25	0.383	7.170	7.553	-0.010			1.5	81	12
16/02/24 05:30	0.387	7.827	8.214	0.069			1.2	88	15
16/02/24 05:35	0.481	8.629	9.110	0.146			1.3	96	12
16/02/24 05:40	1.933	10.633	12.566	0.210			1.3	89	12
16/02/24 05:45	7.402	14.124	21.526	0.180			1.3	93	13
16/02/24 05:50	5.540	14.516	20.056	0.085			1.0	82	13
16/02/24 05:55	3.377	15.268	18.645	0.039			1.1	92	12
16/02/24 06:00	22.830	1.117	23.948	0.115			1.1	95	15
16/02/24 06:05	40.315	19.937	60.252	0.182			0.7	91	23
16/02/24 06:10	3.817	15.027	18.844	0.185			0.9	96	23
16/02/24 06:15	3.531	15.269	18.800	0.138			1.1	80	11
16/02/24 06:20	3.943	15.123	19.067	0.040			1.2	79	14
16/02/24 06:25	14.244	11.282	25.525	0.117			1.1	84	10
16/02/24 06:30	5.297	16.917	22.214	0.190			1.2	75	12
16/02/24 06:35	4.952	15.121	20.073	0.256			1.3	74	16
16/02/24 06:40	4.060	13.091	17.151	0.213			0.7	78	24
16/02/24 06:45	4.005	13.307	17.312	0.216			1.0	73	21
16/02/24 06:50	4.182	13.488	17.670	0.281			0.9	64	22
16/02/24 06:55	7.853	14.918	22.770	0.344			1.1	85	19
16/02/24 07:00	9.395	14.090	23.485	0.382			1.1	73	16
16/02/24 07:05	22.931	11.525	34.456	0.399			1.1	71	12
16/02/24 07:10	11.680	10.394	22.074	0.452			0.9	71	17
16/02/24 07:15	7.249	13.603	20.852	0.448			0.9	89	16
16/02/24 07:20	10.387	16.895	27.283	0.413			0.9	81	22
16/02/24 07:25	6.963	13.145	20.108	0.509			1.3	94	08
16/02/24 07:30	7.880	14.442	22.322	0.385			1.3	112	13
16/02/24 07:35	7.223	14.497	21.720	0.176			1.4	114	13
16/02/24 07:40	6.940	13.956	20.897	0.083			1.9	102	11
16/02/24 07:45	7.108	13.815	20.924	0.131			1.4	101	17
16/02/24 07:50	6.651	14.183	20.834	0.203			1.6	104	16
16/02/24 07:55	6.372	14.079	20.451	0.334			1.8	101	13
16/02/24 08:00	6.450	13.890	20.340	0.342			1.8	98	14
16/02/24 08:05	7.196	13.535	20.731	0.297			2.1	107	13
16/02/24 08:10	11.658	14.135	25.793	0.320			2.2	103	10
16/02/24 08:15	9.156	13.008	22.164	0.452			2.5	108	10
16/02/24 08:20	8.954	17.975	26.929	0.463			1.8	119	17
16/02/24 08:25	9.345	11.483	20.828	0.466			1.6	117	15
16/02/24 08:30	7.638	13.237	20.875	0.429			1.9	113	13
16/02/24 08:35	59.786	16.678	76.464	0.433			1.6	119	16
16/02/24 08:40	12.943	16.255	29.198	0.462			2.0	114	08
16/02/24 08:45	7.930	12.354	20.284	0.487			2.4	114	09
16/02/24 08:50	19.784	16.273	36.057	0.490			1.9	119	12
16/02/24 08:55	16.122	13.667	29.789	0.585			2.0	121	14
16/02/24 09:00	15.647	10.145	25.792	0.639			2.4	117	12
16/02/24 09:05	10.904	6.323	17.227	0.574			1.8	126	15
16/02/24 09:10	9.389	9.127	18.516	0.585			2.3	132	15
16/02/24 09:15	11.111	14.135	25.246	0.543			2.5	135	11
16/02/24 09:20	8.357	7.007	15.364	0.467			2.3	117	18
16/02/24 09:25	9.686	11.716	21.402	0.450			2.3	126	15
16/02/24 09:30	12.849	17.615	30.464	0.469			2.5	119	15
16/02/24 09:35	7.290	10.080	17.370	0.467			2.0	132	19
16/02/24 09:40	15.112	18.060	33.171	0.482			1.7	127	18
16/02/24 09:45	8.617	9.927	18.543	0.577			2.4	132	15
16/02/24 09:50	5.477	5.286	10.762	0.532			2.3	131	16
16/02/24 09:55	3.170	5.453	8.623	0.541			2.3	135	19
16/02/24 10:00	3.488	4.154	7.642	0.530			2.2	144	15
16/02/24 10:05	3.700	5.427	9.126	0.528			1.9	143	21
16/02/24 10:10	3.301	5.812	9.112	0.507			1.9	147	18
16/02/24 10:15	3.896	6.582	10.478	0.477			1.6	170	21
16/02/24 10:20	5.573	10.510	16.083	0.526			1.4	178	26
16/02/24 10:25	5.501	6.149	11.651	0.552			1.3	174	23
16/02/24 10:30	5.203	7.068	12.271	0.496			1.5	177	19
16/02/24 10:35	4.989	6.936	11.925	0.372			1.4	190	22
16/02/24 10:40	4.622	6.775	11.397	0.323			1.4	185	23
16/02/24 10:45	4.461	6.729	11.191	0.304			1.8	195	18
16/02/24 10:50	5.011	6.734	11.745	0.313			1.9	187	20
16/02/24 10:55	4.451	6.000	10.451	0.324			2.4	195	19
16/02/24 11:00	4.713	6.515	11.227	0.270			2.8	207	10
16/02/24 11:05	4.501	6.375	10.875	0.234			3.1	213	06
16/02/24 11:10	3.989	6.144	10.133	0.231			3.1	206	10
16/02/24 11:15	14.257	9.852	24.109	0.275			3.3	210	09
16/02/24 11:20	9.366	4.387	13.754	0.338			2.4	200	17
16/02/24 11:25	6.231	4.824	11.055	0.372			3.3	207	06
16/02/24 11:30	3.417	6.035	9.452	0.379			2.9	200	11
16/02/24 11:35	3.295	5.021	8.316	0.234			2.6	199	15
16/02/24 11:40	2.768	2.659	5.426	0.197			2.8	200	12
16/02/24 11:45	2.740	3.427	6.167	0.211			2.7	200	10
16/02/24 11:50	3.271	4.322	7.593	0.263			2.9	200	11
16/02/24 11:55	3.543	4.309	7.852	0.202			3.1	197	12
16/02/24 12:00	3.315	3.824	7.139	0.189			3.4	200	09
16/02/24 12:05	3.111	3.462	6.573	0.269			3.1	198	12
16/02/24 12:10	2.736	3.511	6.248	0.361			3.4	196	10
16/02/24 12:15	3.052	4.355	7.407	0.306			3.0	195	12
16/02/24 12:20	9.117	7.621	16.738	0.359			3.7	201	10
16/02/24 12:25	2.879	2.834	5.714	0.369			4.1	202	10
16/02/24 12:30	2.251	4.359	6.610	0.305			4.3	208	07
16/02/24 12:35	11.866	9.102	20.968	0.268			3.8	202	09
16/02/24 12:40	3.681	5.552	9.233	0.306			3.9	197	11

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/02/24 12:45	2.743	4.651	7.394	0.307			3.2	197	10
16/02/24 12:50	3.191	2.646	5.838	0.319			3.6	194	11
16/02/24 12:55	1.760	1.989	3.749	0.402			3.8	200	10
16/02/24 13:00	1.623	2.806	4.429	0.370			4.0	202	10
16/02/24 13:05	1.937	2.519	4.456	0.291			3.2	196	11
16/02/24 13:10	2.899	2.741	5.639	0.278			2.8	196	14
16/02/24 13:15	3.884	1.870	5.754	0.318			3.8	200	10
16/02/24 13:20	4.360	3.394	7.754	0.334			4.0	198	09
16/02/24 13:25	2.588	4.364	6.952	0.310			4.1	197	08
16/02/24 13:30	2.019	3.902	5.921	0.265			4.2	196	10
16/02/24 13:35	1.627	3.048	4.675	0.351			4.3	196	11
16/02/24 13:40	1.912	4.222	6.134	0.368			4.9	193	07
16/02/24 13:45	1.518	2.705	4.223	0.317			4.2	197	09
16/02/24 13:50	2.554	0.747	3.302	0.374			4.4	200	12
16/02/24 13:55	2.892	2.166	5.057	0.433			4.5	203	10
16/02/24 14:00	12.969	0.384	13.353	0.453			4.3	200	11
16/02/24 14:05	6.378	4.006	10.384	0.501			4.8	195	09
16/02/24 14:10	7.994	6.790	14.784	0.613			4.4	203	10
16/02/24 14:15	9.418	7.936	17.354	0.606			4.4	199	11
16/02/24 14:20	6.125	5.128	11.253	0.653			4.4	201	13
16/02/24 14:25	16.872	7.257	24.129	0.695			4.2	197	10
16/02/24 14:30	3.385	6.068	9.453	0.760			4.4	195	10
16/02/24 14:35	8.241	4.283	12.525	0.777			5.0	197	10
16/02/24 14:40	23.285	17.360	40.645	0.860			5.0	201	11
16/02/24 14:45	21.467	9.168	30.634	1.032			4.6	200	13
16/02/24 14:50	16.208	8.388	24.596	1.157			4.8	201	12
16/02/24 14:55	21.508	8.797	30.305	1.268			5.0	200	12
16/02/24 15:00	19.313	11.742	31.054	1.398			4.9	201	12
16/02/24 15:05	39.642	6.907	46.549	1.700			4.9	201	11
16/02/24 15:10	44.174	24.689	68.863	2.052			4.8	200	13
16/02/24 15:15	30.364	10.402	40.767	2.351			5.1	194	10
16/02/24 15:20	22.932	12.204	35.136	2.488			5.4	193	08
16/02/24 15:25	6.944	7.551	14.495	2.469			5.7	192	08
16/02/24 15:30	49.656	7.631	57.287	2.473			5.2	195	10
16/02/24 15:35	5.212	8.633	13.845	2.566			4.9	197	09
16/02/24 15:40	70.778	16.080	86.858	2.790			5.3	194	10
16/02/24 15:45	58.993	8.897	67.889	3.253			5.7	192	08
16/02/24 15:50	10.063	6.962	17.024	3.367			6.0	193	09
16/02/24 15:55	23.022	9.414	32.436	3.177			6.5	191	07
16/02/24 16:00	27.881	14.964	42.845	2.949			6.5	192	08
16/02/24 16:05				3.404			6.4	191	08
16/02/24 16:10	70.803	17.843	88.646	3.774			6.1	193	07
16/02/24 16:15	18.276	9.703	27.979	3.804			6.7	191	06
16/02/24 16:20	6.292	7.706	13.998	3.196			6.8	192	07
16/02/24 16:25	19.147	12.884	32.030	2.653			6.4	191	07
16/02/24 16:30	24.633	5.406	30.039	2.496			5.8	193	09
16/02/24 16:35	4.719	4.732	9.450	2.208			6.2	193	09
16/02/24 16:40	4.434	5.806	10.240	1.845			6.3	193	07
16/02/24 16:45	3.757	5.218	8.975	1.479			5.1	196	10
16/02/24 16:50	3.360	4.542	7.902	1.035			4.9	194	10
16/02/24 16:55	2.875	3.672	6.547	0.903			5.0	192	10
16/02/24 17:00	2.336	3.360	5.696	0.967			4.8	192	11
16/02/24 17:05	2.097	3.388	5.485	0.902			4.6	195	10
16/02/24 17:10	1.944	3.564	5.509	0.816			5.0	192	11
16/02/24 17:15	1.784	3.620	5.404	0.811			4.6	190	12
16/02/24 17:20	1.503	3.479	4.983	0.840			4.7	189	11
16/02/24 17:25	1.295	3.497	4.792	0.784			3.9	189	12
16/02/24 17:30	1.110	3.295	4.404	0.645			4.1	190	13
16/02/24 17:35	1.153	3.394	4.547	0.752			3.6	189	13
16/02/24 17:40	1.624	4.310	5.934	0.815			4.2	190	12
16/02/24 17:45	2.309	5.422	7.731	0.794			4.2	193	11
16/02/24 17:50	2.644	6.151	8.794	0.772			3.6	191	13
16/02/24 17:55	2.596	4.304	6.901	0.918			3.7	189	13
16/02/24 18:00	2.046	2.486	4.532	0.941			3.6	193	12
16/02/24 18:05	2.007	3.259	5.266	0.854			4.0	194	09
16/02/24 18:10	2.168	3.888	6.056	0.755			4.0	191	11
16/02/24 18:15	1.889	3.554	5.443	0.707			3.5	192	12
16/02/24 18:20	1.518	2.642	4.160	0.632			3.4	188	15
16/02/24 18:25	1.237	2.413	3.649	0.561			3.1	189	17
16/02/24 18:30	1.076	2.680	3.755	0.546			3.1	189	17
16/02/24 18:35	1.048	2.728	3.776	0.525			3.0	184	17
16/02/24 18:40	0.929	2.730	3.658	0.513			3.1	188	14
16/02/24 18:45	0.819	2.782	3.601	0.501			3.3	185	16
16/02/24 18:50	0.695	2.702	3.397	0.558			2.9	183	16
16/02/24 18:55	0.526	2.554	3.080	0.547			3.3	178	17
16/02/24 19:00	0.420	2.302	2.722	0.531			3.3	181	18
16/02/24 19:05	0.451	2.282	2.733	0.482			3.4	189	14
16/02/24 19:10	0.612	2.268	2.881	0.394			3.4	184	16
16/02/24 19:15	0.599	2.154	2.753	0.358			3.4	184	13
16/02/24 19:20	0.883	2.056	2.939	0.382			3.5	183	17
16/02/24 19:25	1.279	1.963	3.242	0.386			3.3	182	18
16/02/24 19:30	0.825	2.389	3.213	0.324			3.0	187	15
16/02/24 19:35	0.628	2.336	2.963	0.281			2.9	177	19
16/02/24 19:40	0.424	2.167	2.591	0.177			2.7	178	20
16/02/24 19:45	0.366	1.945	2.311	0.258			3.0	176	19
16/02/24 19:50	0.306	1.856	2.162	0.254			2.7	179	22
16/02/24 19:55	0.343	1.661	2.004	0.254			2.4	177	26
16/02/24 20:00	0.296	1.597	1.893	0.240			2.2	166	32
16/02/24 20:05	0.226	1.537	1.763	0.289			2.9	181	22
16/02/24 20:10	0.177	1.535	1.712	0.411			3.3	181	19
16/02/24 20:15	0.286	1.421	1.706	0.364			3.3	178	17
16/02/24 20:20	0.354	1.292	1.646	0.241			3.1	179	19
16/02/24 20:25	0.310	1.220	1.529	0.151			3.1	173	19
16/02/24 20:30	0.260	1.124	1.384	0.212			2.9	180	18
16/02/24 20:35	0.210	1.057	1.267	0.271			2.9	170	23
16/02/24 20:40	0.228	1.008	1.236	0.335			3.0	173	19
16/02/24 20:45	0.134	1.009	1.143	0.343			3.4	174	18
16/02/24 20:50	0.203	0.994	1.197	0.263			2.7	176	23
16/02/24 20:55	0.180	0.868	1.049	0.111			2.3	166	26
16/02/24 21:00	0.143	0.825	0.968	0.121			2.4	155	29
16/02/24 21:05	0.015	0.828	0.843	0.128			2.8	169	22
16/02/24 21:10	-0.084	0.855	0.771	0.135			3.1	168	21
16/02/24 21:15	-0.075	0.785	0.710	0.090			2.5	174	26
16/02/24 21:20	0.057	0.755	0.812	0.163			2.6	166	24

Station Pier Ambient Air Quality Monitoring
February 2024
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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/02/24 21:25	0.118	0.708	0.826	0.002			2.6	152	25
16/02/24 21:30	0.189	0.785	0.974	-0.002			4.5	141	08
16/02/24 21:35	0.138	0.862	1.000	0.068			3.6	134	13
16/02/24 21:40	0.138	0.901	1.039	-0.061			3.5	138	15
16/02/24 21:45	0.136	0.936	1.072	-0.053			3.6	138	15
16/02/24 21:50	0.189	0.947	1.136	-0.089			3.1	138	18
16/02/24 21:55	0.203	1.006	1.210	0.033			3.1	143	19
16/02/24 22:00	0.253	1.004	1.256	0.171			3.0	142	22
16/02/24 22:05	0.224	0.930	1.154	0.079			3.4	139	15
16/02/24 22:10	0.178	0.978	1.157	0.040			3.5	138	11
16/02/24 22:15	0.195	0.976	1.171	0.017			3.1	138	15
16/02/24 22:20	0.155	0.977	1.132	0.010			2.5	143	18
16/02/24 22:25	0.092	1.042	1.134	-0.011			2.6	137	18
16/02/24 22:30	0.080	1.077	1.157	0.031			2.9	140	15
16/02/24 22:35	-0.108	1.160	1.052	0.150			2.5	133	18
16/02/24 22:40	-0.171	1.241	1.070	0.130			2.8	138	17
16/02/24 22:45	-0.166	1.213	1.048	0.067			2.2	138	22
16/02/24 22:50	-0.135	1.197	1.062	0.051			2.0	129	18
16/02/24 22:55	-0.005	1.279	1.274	-0.074			2.6	144	19
16/02/24 23:00	-0.016	1.250	1.234	-0.036			1.7	128	23
16/02/24 23:05	0.047	1.256	1.303	-0.018			1.7	131	18
16/02/24 23:10	-0.035	1.326	1.290	0.044			1.6	142	25
16/02/24 23:15	-0.128	1.308	1.180	0.045			1.7	138	20
16/02/24 23:20	-0.109	1.289	1.179	-0.003			1.3	148	32
16/02/24 23:25	-0.073	1.281	1.208	-0.040			1.7	133	21
16/02/24 23:30	-0.073	1.264	1.191	-0.083			2.2	143	18
16/02/24 23:35	-0.038	1.294	1.256	-0.190			2.3	138	15
16/02/24 23:40	-0.006	1.242	1.236	-0.086			1.8	144	22
16/02/24 23:45	0.069	1.195	1.264	-0.085			1.8	147	21
16/02/24 23:50	0.047	1.170	1.218				1.6	156	22
16/02/24 23:55	0.073	1.223	1.296				2.3	139	14
17/02/24 00:00	0.114	1.188	1.302	0.119			1.7	143	25
17/02/24 00:05	0.011	1.174	1.185	0.432			2.0	149	24
17/02/24 00:10	-0.108	1.132	1.024	0.580			1.4	131	22
17/02/24 00:15	-0.092	1.112	1.020	0.564			1.8	132	16
17/02/24 00:20	-0.013	1.051	1.039	0.600			1.9	127	15
17/02/24 00:25	0.199	0.995	1.195	0.579			1.9	126	20
17/02/24 00:30	0.147	0.976	1.124	0.653			2.3	135	17
17/02/24 00:35	0.059	0.924	0.983	0.674			2.1	134	20
17/02/24 00:40	-0.106	0.883	0.777	0.714			1.8	127	20
17/02/24 00:45	-0.155	0.908	0.753	0.614			1.9	139	18
17/02/24 00:50	-0.044	0.910	0.865	0.592			1.4	132	27
17/02/24 00:55	0.002	0.974	0.975	0.631			2.0	144	19
17/02/24 01:00	0.035	0.958	0.993	0.724			2.4	139	15
17/02/24 01:05							1.5	139	23
17/02/24 01:10							1.4	135	21
17/02/24 01:15							1.7	138	20
17/02/24 01:20							1.6	132	18
17/02/24 01:25							1.7	132	19
17/02/24 01:30							2.1	129	16
17/02/24 01:35							2.0	131	19
17/02/24 01:40							1.8	117	17
17/02/24 01:45							2.0	124	19
17/02/24 01:50							1.5	120	21
17/02/24 01:55							1.6	127	20
17/02/24 02:00							1.6	128	17
17/02/24 02:05	0.090	1.685	1.775	0.530			1.4	126	25
17/02/24 02:10	0.058	1.935	1.994	0.612			1.5	123	24
17/02/24 02:15	-0.018	2.091	2.073	0.640			1.2	132	23
17/02/24 02:20	-0.001	2.203	2.203	0.726			1.4	124	24
17/02/24 02:25	-0.034	2.280	2.246	0.735			1.2	119	24
17/02/24 02:30	0.039	2.287	2.327	0.721			1.4	122	19
17/02/24 02:35	0.104	2.384	2.488	0.852			1.6	133	17
17/02/24 02:40	0.109	2.506	2.615	0.804			1.5	126	21
17/02/24 02:45	0.117	2.567	2.684	0.645			2.0	122	16
17/02/24 02:50	0.100	2.638	2.737	0.676			2.1	99	11
17/02/24 02:55	0.067	2.767	2.835	0.661			1.5	88	09
17/02/24 03:00	0.067	2.851	2.918	0.722			1.8	98	10
17/02/24 03:05	0.096	3.023	3.118	0.737			1.8	88	09
17/02/24 03:10	0.215	3.144	3.359	0.744			1.6	85	09
17/02/24 03:15	0.228	3.235	3.464	0.741			1.6	85	11
17/02/24 03:20	0.115	3.339	3.454	0.675			1.7	87	09
17/02/24 03:25	0.080	3.388	3.469	0.642			1.6	80	09
17/02/24 03:30	0.068	3.355	3.423	0.622			1.6	81	08
17/02/24 03:35	0.178	3.377	3.556	0.660			1.6	81	10
17/02/24 03:40	0.309	3.310	3.619	0.708			1.4	84	09
17/02/24 03:45	0.271	3.434	3.704	0.734			1.5	78	09
17/02/24 03:50	0.196	3.473	3.669	0.797			1.3	70	09
17/02/24 03:55	0.224	3.767	3.992	0.774			0.9	64	13
17/02/24 04:00	0.410	4.522	4.932	0.791			0.7	71	14
17/02/24 04:05	0.356	4.969	5.326	0.786			0.7	100	23
17/02/24 04:10	0.299	5.322	5.621	0.829			0.9	96	13
17/02/24 04:15	0.430	5.962	6.392	0.805			0.7	78	12
17/02/24 04:20	0.695	7.331	8.026	0.803			0.7	78	12
17/02/24 04:25	0.653	7.893	8.546	0.727			1.0	62	11
17/02/24 04:30	0.597	8.364	8.961	0.616			0.6	62	19
17/02/24 04:35	0.714	8.735	9.449	0.532			1.0	64	14
17/02/24 04:40	0.812	8.957	9.769	0.422			1.1	76	14
17/02/24 04:45	0.937	9.190	10.127	0.363			1.2	70	08
17/02/24 04:50	0.997	9.374	10.370	0.356			0.9	63	13
17/02/24 04:55	1.328	9.956	11.285	0.439			1.0	74	19
17/02/24 05:00	1.386	9.878	11.264	0.561			1.2	92	21
17/02/24 05:05	1.218	9.513	10.731	0.613			1.0	73	18
17/02/24 05:10	1.562	12.718	14.279	0.600			0.8	48	19
17/02/24 05:15	1.869	12.586	14.455	0.606			0.8	54	17
17/02/24 05:20	1.879	11.777	13.656	0.653			1.3	88	17
17/02/24 05:25	1.466	9.740	11.205	0.761			1.6	97	09
17/02/24 05:30	1.107	7.571	8.678	0.735			1.8	95	06
17/02/24 05:35	0.877	7.337	8.214	0.685			1.3	92	08
17/02/24 05:40	0.759	7.536	8.295	0.709			1.4	95	12
17/02/24 05:45	0.684	7.934	8.617	0.751			1.4	85	09
17/02/24 05:50	0.757	8.389	9.146	0.876			1.3	86	17
17/02/24 05:55	1.681	7.899	9.579	0.780			1.2	78	12
17/02/24 06:00				0.887			1.4	93	13

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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/02/24 06:05				0.877			1.1	94	15
17/02/24 06:10	0.156	7.692	7.848	0.816			1.3	91	13
17/02/24 06:15	0.600	7.554	8.155	0.828			1.5	99	09
17/02/24 06:20	5.343	6.851	12.194	0.805			1.4	97	10
17/02/24 06:25	1.708	9.049	10.757	0.809			1.5	94	08
17/02/24 06:30	3.323	7.124	10.446	0.844			1.4	96	10
17/02/24 06:35				0.901			1.2	81	10
17/02/24 06:40	1.907	7.929	9.836	0.945			1.1	77	12
17/02/24 06:45	1.991	8.746	10.737	0.862			1.3	85	15
17/02/24 06:50	2.174	8.767	10.940	0.940			1.0	79	13
17/02/24 06:55	1.975	9.362	11.337	0.882			0.8	79	26
17/02/24 07:00	3.444	8.980	12.424	0.851			0.9	49	12
17/02/24 07:05	6.451	8.360	14.811	0.855			0.8	63	32
17/02/24 07:10	4.177	9.331	13.508	0.900			1.1	86	13
17/02/24 07:15	3.379	8.977	12.357	0.896			1.3	86	17
17/02/24 07:20	3.049	8.417	11.466	1.015			1.4	78	12
17/02/24 07:25	2.445	8.073	10.517	1.055			1.8	87	11
17/02/24 07:30	4.069	8.546	12.615	0.926			1.6	76	11
17/02/24 07:35	4.336	10.041	14.377	0.908			1.6	65	17
17/02/24 07:40	5.206	10.689	15.895	0.946			2.0	75	12
17/02/24 07:45	6.172	12.902	19.075	0.945			1.7	77	16
17/02/24 07:50	15.757	9.854	25.611	0.961			1.6	79	10
17/02/24 07:55	9.945	10.656	20.601	0.927			1.7	87	11
17/02/24 08:00	16.914	25.996	42.910	0.901			1.4	76	17
17/02/24 08:05	7.066	9.654	16.719	1.053			1.0	67	18
17/02/24 08:10	10.158	10.272	20.429	1.026			1.4	57	25
17/02/24 08:15	9.025	10.130	19.154	0.991			1.7	51	17
17/02/24 08:20	6.983	9.947	16.930	1.045			1.4	96	09
17/02/24 08:25	5.871	9.062	14.932	1.055			1.9	83	12
17/02/24 08:30	5.598	8.667	14.265	1.042			1.7	99	10
17/02/24 08:35	5.929	9.073	15.002	1.020			1.8	82	15
17/02/24 08:40	6.492	9.256	15.748	0.996			2.1	95	09
17/02/24 08:45	6.692	9.642	16.334	0.977			1.6	97	15
17/02/24 08:50	35.428	5.625	41.053	1.039			1.8	90	25
17/02/24 08:55	8.074	10.471	18.545	1.132			1.5	83	27
17/02/24 09:00	9.111	9.885	18.995	1.167			1.9	91	14
17/02/24 09:05	8.759	10.211	18.969	1.180			2.0	95	09
17/02/24 09:10	19.470	8.186	27.655	1.266			1.0	89	18
17/02/24 09:15	8.635	10.073	18.708	1.475			0.9	96	28
17/02/24 09:20	8.367	10.096	18.463	1.605			1.2	85	14
17/02/24 09:25	8.311	10.415	18.727	1.602			0.9	101	35
17/02/24 09:30	8.337	10.543	18.880	1.644			1.0	111	20
17/02/24 09:35	8.315	10.542	18.857	1.759			0.9	158	28
17/02/24 09:40	8.251	10.593	18.845	1.855			0.7	139	30
17/02/24 09:45	5.693	10.176	15.870	1.870			0.7	137	24
17/02/24 09:50	5.543	8.982	14.525	1.951			0.8	139	26
17/02/24 09:55	5.056	7.205	12.261	2.092			0.8	171	33
17/02/24 10:00	4.787	6.312	11.099	2.139			1.0	160	18
17/02/24 10:05	4.260	4.243	8.503	2.181			0.7	138	29
17/02/24 10:10	3.805	3.954	7.759	2.242			0.9	155	28
17/02/24 10:15	3.425	4.050	7.475	2.336			1.1	164	21
17/02/24 10:20	3.145	4.308	7.453	2.511			0.8	166	32
17/02/24 10:25	3.267	4.593	7.860	2.609			1.2	162	23
17/02/24 10:30	3.406	4.747	8.153	2.633			1.2	169	23
17/02/24 10:35	3.546	4.951	8.497	2.645			0.9	157	23
17/02/24 10:40	4.271	5.496	9.768	2.687			1.2	150	25
17/02/24 10:45	2.972	5.324	8.296	2.686			1.0	153	27
17/02/24 10:50	2.694	5.032	7.725	2.676			1.3	172	27
17/02/24 10:55	3.370	4.544	7.914	2.764			1.4	178	25
17/02/24 11:00	2.710	4.546	7.256	2.792			1.5	176	21
17/02/24 11:05	3.286	4.787	8.073	2.861			1.6	185	16
17/02/24 11:10	4.582	5.962	10.544	2.949			2.0	180	19
17/02/24 11:15	4.165	5.995	10.159	3.092			1.8	174	17
17/02/24 11:20	5.071	5.355	10.426	3.196			1.8	184	18
17/02/24 11:25	4.765	5.189	9.954	3.224			1.8	183	20
17/02/24 11:30	8.090	1.564	9.654	3.272			2.1	176	17
17/02/24 11:35	14.170	5.077	19.246	3.474			1.9	187	15
17/02/24 11:40	24.686	10.482	35.169	3.628			2.1	192	15
17/02/24 11:45	10.347	7.460	17.807	3.609			2.2	191	19
17/02/24 11:50	18.713	14.730	33.443	3.566			2.0	182	21
17/02/24 11:55	2.199	4.437	6.636	3.497			2.1	172	18
17/02/24 12:00	2.771	3.332	6.103	3.354			2.0	177	20
17/02/24 12:05	4.617	8.851	13.468	3.229			2.3	190	18
17/02/24 12:10	3.680	4.579	8.259	3.265			1.7	184	20
17/02/24 12:15	1.835	3.494	5.329	3.188			1.5	181	20
17/02/24 12:20	2.336	4.990	7.326	3.092			1.8	183	19
17/02/24 12:25	2.144	3.804	5.947	3.057			1.8	177	21
17/02/24 12:30	2.448	4.541	6.989	3.142			1.9	179	16
17/02/24 12:35	10.261	4.563	14.824	3.217			2.0	184	20
17/02/24 12:40	3.709	9.717	13.426	3.412			2.5	193	15
17/02/24 12:45	6.206	7.102	13.308	3.668			2.2	193	15
17/02/24 12:50	5.447	6.928	12.374	3.800			2.9	197	09
17/02/24 12:55	10.553	14.147	24.700	3.771			3.3	200	09
17/02/24 13:00	23.626	19.815	43.442	3.716			3.4	201	10
17/02/24 13:05	15.227	14.049	29.276	3.628			3.5	198	10
17/02/24 13:10	19.271	15.074	34.345	3.465			4.0	202	10
17/02/24 13:15	11.143	14.136	25.279	3.275			3.7	201	10
17/02/24 13:20	26.080	24.047	50.127	3.131			3.6	200	10
17/02/24 13:25	16.828	11.400	28.228	2.995			3.4	198	10
17/02/24 13:30	14.318	13.734	28.052	2.827			3.4	199	09
17/02/24 13:35	8.419	11.606	20.025	2.756			2.9	193	12
17/02/24 13:40	10.777	10.635	21.412	2.743			3.2	193	13
17/02/24 13:45	8.834	7.384	16.218	2.709			3.1	192	12
17/02/24 13:50	6.606	8.385	14.990	2.647			3.2	195	11
17/02/24 13:55	7.763	7.916	15.679	2.545			3.1	192	12
17/02/24 14:00	15.196	12.497	27.693	2.447			3.2	194	12
17/02/24 14:05	6.777	7.979	14.756	2.312			3.2	195	12
17/02/24 14:10	7.923	11.288	19.211	2.142			3.3	197	10
17/02/24 14:15	11.643	12.070	23.713	2.140			3.6	199	11
17/02/24 14:20	9.488	11.204	20.692	2.008			3.5	198	10
17/02/24 14:25	8.993	11.566	20.560	1.852			3.1	199	12
17/02/24 14:30	6.841	9.764	16.604	1.704			3.1	194	12
17/02/24 14:35	7.930	12.975	20.905	1.584			3.6	197	10
17/02/24 14:40	13.024	16.186	29.210	1.570			3.9	195	11

Station Pier Ambient Air Quality Monitoring
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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/02/24 14:45	26.266	16.570	42.835	1.507			3.8	195	13
17/02/24 14:50	25.714	17.361	43.075	1.481			4.1	194	11
17/02/24 14:55	9.816	8.548	18.364	1.350			3.8	192	10
17/02/24 15:00	16.435	6.150	22.585	1.266			4.1	194	11
17/02/24 15:05	28.664	16.429	45.093	1.257			4.4	194	10
17/02/24 15:10	13.770	10.354	24.125	1.218			4.5	193	10
17/02/24 15:15	1.111	1.443	2.554	1.135			5.1	198	08
17/02/24 15:20	82.974	18.076	101.050	1.141			4.7	195	10
17/02/24 15:25	41.679	18.434	60.113	1.454			5.2	199	07
17/02/24 15:30	3.728	5.122	8.850	1.391			5.3	197	08
17/02/24 15:35	2.048	1.658	3.706	1.235			5.0	198	07
17/02/24 15:40	1.259	0.674	1.934	1.001			4.8	199	07
17/02/24 15:45	0.964	0.724	1.688	0.840			5.5	197	06
17/02/24 15:50	0.836	0.981	1.818	0.770			4.9	198	08
17/02/24 15:55	0.836	1.262	2.098	0.627			5.1	196	09
17/02/24 16:00	0.848	1.243	2.091	0.484			4.5	195	11
17/02/24 16:05	0.751	1.130	1.881	0.436			5.7	200	06
17/02/24 16:10	0.611	0.992	1.603	0.324			4.8	196	08
17/02/24 16:15	0.586	1.179	1.765	0.362			4.0	197	10
17/02/24 16:20	0.912	1.838	2.750	0.303			4.7	198	09
17/02/24 16:25	1.216	2.494	3.710	0.189			3.6	194	12
17/02/24 16:30	1.329	3.019	4.348	0.125			3.9	191	13
17/02/24 16:35	1.550	3.772	5.322	0.209			3.7	196	13
17/02/24 16:40	1.286	2.998	4.284	0.248			4.0	193	10
17/02/24 16:45	0.946	1.595	2.541	0.209			4.6	194	09
17/02/24 16:50	0.792	1.387	2.180	0.102			3.6	195	11
17/02/24 16:55	0.789	1.557	2.346	0.122			4.7	193	11
17/02/24 17:00	0.797	1.568	2.364	0.137			4.2	197	11
17/02/24 17:05	2.347	4.501	6.848	0.315			4.0	192	10
17/02/24 17:10	2.694	6.369	9.063	0.360			4.0	196	11
17/02/24 17:15	2.396	4.315	6.710	0.254			3.7	194	10
17/02/24 17:20	1.312	1.974	3.286	0.205			4.5	196	10
17/02/24 17:25	0.924	1.600	2.524	0.559			3.8	191	11
17/02/24 17:30	0.740	1.349	2.088	0.710			3.9	194	11
17/02/24 17:35	0.699	1.347	2.046	0.728			4.1	196	07
17/02/24 17:40	7.326	17.458	24.784	0.786			4.0	196	08
17/02/24 17:45	3.576	4.478	8.054	0.978			4.5	196	08
17/02/24 17:50	0.466	2.265	2.731	0.858			3.9	192	13
17/02/24 17:55	0.566	2.159	2.725	0.907			3.7	192	13
17/02/24 18:00	9.146	8.520	17.666	0.826			3.5	190	13
17/02/24 18:05	11.929	14.033	25.963	0.870			3.7	191	12
17/02/24 18:10	9.286	14.644	23.930	0.821			3.8	194	12
17/02/24 18:15	11.621	19.108	30.729	0.878			3.5	194	10
17/02/24 18:20	17.217	17.354	34.571	0.871			3.3	191	12
17/02/24 18:25	9.344	11.916	21.260	0.806			3.9	190	13
17/02/24 18:30	2.835	8.153	10.988	0.657			3.8	192	12
17/02/24 18:35	2.546	9.466	12.012	0.678			3.6	194	07
17/02/24 18:40	2.582	8.362	10.944	0.873			3.9	192	12
17/02/24 18:45	2.421	8.469	10.890	0.758			3.5	193	10
17/02/24 18:50	1.233	1.070	2.304	0.698			3.3	191	12
17/02/24 18:55	0.550	0.898	1.448	0.633			3.7	191	12
17/02/24 19:00	0.089	0.920	1.010	0.632			3.4	192	12
17/02/24 19:05	-0.129	0.953	0.824	0.560			3.7	191	10
17/02/24 19:10	-0.051	1.007	0.956	0.548			3.3	188	13
17/02/24 19:15	0.031	0.914	0.945	0.564			3.6	188	11
17/02/24 19:20	0.103	0.906	1.009	0.434			3.3	186	13
17/02/24 19:25	-0.033	0.990	0.957	0.322			3.2	179	16
17/02/24 19:30	-0.095	1.005	0.910	0.357			2.9	184	21
17/02/24 19:35	-0.102	0.928	0.827	0.323			2.9	185	14
17/02/24 19:40	-0.081	0.865	0.784	0.225			3.2	185	12
17/02/24 19:45	-0.128	0.846	0.718	0.258			3.6	188	12
17/02/24 19:50	-0.149	1.004	0.856	0.471			2.6	175	23
17/02/24 19:55	-0.063	1.121	1.058	0.429			3.2	167	24
17/02/24 20:00	-0.010	1.264	1.255	0.461			2.4	171	28
17/02/24 20:05	0.039	1.315	1.354	0.454			2.2	166	27
17/02/24 20:10	-0.010	1.378	1.368	0.401			3.1	154	22
17/02/24 20:15	-0.068	1.465	1.397	0.406			4.2	141	15
17/02/24 20:20	-0.103	1.430	1.327	0.394			4.6	136	11
17/02/24 20:25	-0.102	1.420	1.318	0.371			4.1	136	10
17/02/24 20:30	-0.126	1.512	1.386	0.265			4.3	139	13
17/02/24 20:35	-0.095	1.559	1.465	0.217			4.5	142	12
17/02/24 20:40	0.032	1.540	1.572	0.208			4.0	138	12
17/02/24 20:45	0.034	1.520	1.555	0.251			3.0	126	15
17/02/24 20:50	-0.049	1.605	1.557	0.226			3.7	139	13
17/02/24 20:55	-0.008	1.623	1.614	0.220			3.4	139	17
17/02/24 21:00	0.078	1.526	1.604	0.267			3.1	139	14
17/02/24 21:05	0.132	1.496	1.628	0.274			3.2	143	18
17/02/24 21:10	0.157	1.541	1.698	0.243			3.3	142	15
17/02/24 21:15	0.089	1.643	1.732	0.254			2.3	134	18
17/02/24 21:20	0.061	1.750	1.811	0.267			3.0	138	14
17/02/24 21:25	-0.059	1.883	1.824	0.334			2.9	134	14
17/02/24 21:30	0.002	1.991	1.994	0.281			2.8	135	16
17/02/24 21:35	0.104	2.028	2.131	0.321			2.9	137	15
17/02/24 21:40	0.136	2.082	2.218	0.285			2.2	129	16
17/02/24 21:45	0.098	2.300	2.397	0.294			2.0	118	17
17/02/24 21:50	0.119	2.480	2.599	0.256			1.6	121	24
17/02/24 21:55	0.011	2.650	2.662	0.116			1.8	126	22
17/02/24 22:00	0.012	2.697	2.708	0.168			1.8	113	19
17/02/24 22:05	-0.008	2.838	2.830	0.183			2.2	125	16
17/02/24 22:10	-0.031	2.857	2.826	0.188			2.0	118	17
17/02/24 22:15	0.032	2.920	2.952	0.231			1.9	121	23
17/02/24 22:20	0.202	3.142	3.344	0.040			2.2	120	18
17/02/24 22:25	0.233	3.301	3.534	0.070			2.5	120	16
17/02/24 22:30	0.234	3.328	3.562	0.077			1.8	122	20
17/02/24 22:35	0.294	3.248	3.542	0.149			2.7	138	15
17/02/24 22:40	0.205	3.106	3.311	0.219			2.4	143	20
17/02/24 22:45	0.067	2.960	3.027	0.244			2.3	134	23
17/02/24 22:50	0.065	2.742	2.807	0.213			2.0	126	22
17/02/24 22:55	0.061	2.508	2.569	0.176			1.9	131	25
17/02/24 23:00	0.186	2.314	2.499	0.123			2.0	156	26
17/02/24 23:05	0.220	2.094	2.314	0.091			2.2	137	21
17/02/24 23:10	0.170	1.993	2.162	0.138			2.4	129	19
17/02/24 23:15	0.086	1.983	2.070	0.119			3.3	137	15
17/02/24 23:20	0.103	1.863	1.966	0.143			2.8	136	16

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/02/24 23:25	0.157	1.805	1.962	0.212			2.7	139	20
17/02/24 23:30	0.272	1.684	1.956	0.157			2.7	151	21
17/02/24 23:35	0.219	1.564	1.783	0.157			3.2	146	19
17/02/24 23:40	0.162	1.431	1.593	0.175			2.3	166	22
17/02/24 23:45	0.136	1.380	1.516	0.147			2.4	123	23
17/02/24 23:50	0.133	1.476	1.609				3.0	111	10
17/02/24 23:55							2.5	114	15
18/02/24 00:00	25.638	4.148	29.786				2.0	116	18
18/02/24 00:05	0.571	1.736	2.307				2.4	105	11
18/02/24 00:10	0.233	2.208	2.441				2.5	100	12
18/02/24 00:15	0.170	2.440	2.610				2.4	94	10
18/02/24 00:20	0.196	2.664	2.860				2.5	98	08
18/02/24 00:25	0.140	2.778	2.918				2.8	95	08
18/02/24 00:30	0.181	3.004	3.184	0.023			2.4	92	08
18/02/24 00:35	0.138	3.337	3.475	0.049			1.9	86	10
18/02/24 00:40	0.153	3.471	3.624	0.028			2.0	102	08
18/02/24 00:45	0.326	3.440	3.765	0.052			1.5	102	12
18/02/24 00:50	0.172	3.491	3.663	0.029			2.2	95	07
18/02/24 00:55	0.237	3.433	3.670	0.075			2.0	103	09
18/02/24 01:00	0.282	3.328	3.610	0.125			1.7	117	15
18/02/24 01:05							1.6	129	22
18/02/24 01:10							1.7	136	18
18/02/24 01:15							1.9	125	20
18/02/24 01:20							1.7	133	22
18/02/24 01:25							1.8	137	21
18/02/24 01:30							1.5	120	18
18/02/24 01:35							1.9	114	19
18/02/24 01:40							2.8	108	09
18/02/24 01:45							2.5	107	11
18/02/24 01:50							2.4	99	10
18/02/24 01:55							2.0	93	08
18/02/24 02:00							2.7	95	06
18/02/24 02:05	0.173	3.523	3.697	0.012			2.6	92	06
18/02/24 02:10	0.302	3.451	3.752	0.016			2.3	96	09
18/02/24 02:15	0.318	3.466	3.784	0.120			2.2	97	09
18/02/24 02:20	0.180	3.576	3.756	0.189			2.3	95	10
18/02/24 02:25	0.050	3.696	3.746	0.205			2.3	98	09
18/02/24 02:30	0.109	3.761	3.870	0.160			2.5	95	07
18/02/24 02:35	0.117	3.780	3.896	0.155			2.8	94	06
18/02/24 02:40	0.082	3.778	3.860	0.082			2.8	101	07
18/02/24 02:45	0.169	3.665	3.834	0.081			3.0	100	06
18/02/24 02:50	0.183	3.661	3.844	0.105			2.9	96	06
18/02/24 02:55	0.211	3.658	3.869	0.109			2.9	97	06
18/02/24 03:00	0.302	3.583	3.885	0.147			2.5	94	05
18/02/24 03:05	0.208	3.666	3.874	0.110			2.2	89	08
18/02/24 03:10	0.015	3.736	3.751	0.078			2.5	94	07
18/02/24 03:15	0.100	3.518	3.618	0.090			2.2	93	11
18/02/24 03:20	0.121	3.401	3.522	0.061			2.3	94	10
18/02/24 03:25	0.017	3.311	3.328	-0.006			1.8	91	11
18/02/24 03:30	-0.059	3.224	3.165	0.034			2.3	92	10
18/02/24 03:35	-0.114	3.094	2.980	0.066			2.7	96	07
18/02/24 03:40	-0.115	3.022	2.907	0.120			3.1	97	06
18/02/24 03:45	-0.170	2.992	2.822	0.097			2.3	97	08
18/02/24 03:50	-0.118	2.971	2.853	0.095			2.9	100	07
18/02/24 03:55	0.012	2.786	2.798	0.145			3.0	99	07
18/02/24 04:00	-0.027	2.727	2.700	0.133			3.0	102	08
18/02/24 04:05	-0.083	2.712	2.628	0.159			2.6	99	07
18/02/24 04:10	-0.073	2.721	2.648	0.244			2.3	96	09
18/02/24 04:15	-0.085	2.712	2.627	0.260			2.3	101	09
18/02/24 04:20	-0.081	2.666	2.585	0.198			2.1	101	08
18/02/24 04:25	-0.069	2.620	2.550	0.128			2.1	99	08
18/02/24 04:30	-0.045	2.618	2.572	0.193			1.4	109	13
18/02/24 04:35	-0.006	2.502	2.496	0.214			1.7	118	15
18/02/24 04:40	0.035	2.448	2.483	0.100			2.0	103	13
18/02/24 04:45	0.090	2.489	2.579	0.146			2.1	96	08
18/02/24 04:50	0.094	2.632	2.726	0.094			2.2	107	10
18/02/24 04:55	0.002	2.660	2.663	0.161			1.8	106	18
18/02/24 05:00	0.034	2.853	2.888	0.138			2.9	92	06
18/02/24 05:05	0.034	3.031	3.065	0.221			2.7	96	08
18/02/24 05:10	0.004	3.191	3.195	0.197			2.9	98	09
18/02/24 05:15	-0.171	3.449	3.278	0.181			3.3	100	07
18/02/24 05:20	-0.137	3.494	3.357	0.113			3.3	100	07
18/02/24 05:25	-0.031	3.396	3.365	0.109			2.9	96	06
18/02/24 05:30	0.037	3.475	3.511	0.104			2.4	98	11
18/02/24 05:35	0.050	3.420	3.470	0.045			2.3	88	11
18/02/24 05:40	0.138	3.513	3.652	0.026			2.1	80	13
18/02/24 05:45	0.209	3.742	3.951	0.109			1.9	92	11
18/02/24 05:50	0.217	3.918	4.136	0.111			2.0	84	12
18/02/24 05:55	0.297	4.203	4.500	0.118			1.9	73	10
18/02/24 06:00	0.280	4.405	4.686	0.144			2.0	81	11
18/02/24 06:05				0.137			1.9	87	08
18/02/24 06:10	0.531	5.050	5.581	0.173			2.1	87	09
18/02/24 06:15	0.864	4.718	5.582	0.161			1.9	88	10
18/02/24 06:20	-0.024	5.665	5.641	0.113			1.9	81	12
18/02/24 06:25	0.390	5.251	5.640	0.175			2.1	75	12
18/02/24 06:30	1.457	5.616	7.073	0.179			1.8	73	12
18/02/24 06:35	1.189	6.248	7.437	0.199			1.8	93	09
18/02/24 06:40	1.625	7.147	8.772	0.240			1.8	82	10
18/02/24 06:45	1.163	7.019	8.181	0.282			1.7	84	13
18/02/24 06:50	1.130	6.866	7.996	0.238			1.5	87	09
18/02/24 06:55	28.787	18.367	47.154	0.218			1.4	89	14
18/02/24 07:00	4.236	6.555	10.791	0.252			1.4	96	12
18/02/24 07:05	1.017	5.214	6.231	0.268			1.7	96	09
18/02/24 07:10	1.097	5.110	6.208	0.282			1.6	102	14
18/02/24 07:15	10.266	9.549	19.816	0.335			1.7	105	14
18/02/24 07:20	2.077	9.996	12.073	0.294			2.2	93	11
18/02/24 07:25	11.405	5.455	16.860	0.283			2.5	96	09
18/02/24 07:30	8.442	3.305	11.747	0.267			1.9	90	11
18/02/24 07:35	2.132	3.899	6.031	0.307			2.5	95	10
18/02/24 07:40	15.050	0.959	16.009	0.285			2.3	89	11
18/02/24 07:45				0.367			1.8	90	14
18/02/24 07:50	18.528	5.765	24.293	0.325			2.2	102	09
18/02/24 07:55	2.867	4.217	7.084	0.275			2.5	101	11
18/02/24 08:00	8.629	4.305	12.933	0.336			2.7	92	07

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/02/24 08:05	1.418	3.464	4.882	0.335			3.0	105	11
18/02/24 08:10	27.311	0.353	27.664	0.398			3.3	110	10
18/02/24 08:15	15.580	9.242	24.821	0.386			3.5	102	07
18/02/24 08:20	6.901	8.665	15.566	0.385			3.3	102	07
18/02/24 08:25	5.419	6.939	12.359	0.375			2.9	100	11
18/02/24 08:30	5.745	8.328	14.073	0.340			2.9	113	09
18/02/24 08:35	16.611	6.799	23.410	0.292			3.1	103	05
18/02/24 08:40	10.639	3.362	14.001	0.362			2.6	111	13
18/02/24 08:45	3.130	3.022	6.152	0.303			2.4	116	12
18/02/24 08:50	3.338	2.141	5.479	0.323			2.2	113	10
18/02/24 08:55	3.058	4.567	7.626	0.301			2.4	127	13
18/02/24 09:00	3.292	1.083	4.375	0.350			2.4	133	21
18/02/24 09:05	1.981	2.114	4.095	0.406			2.6	134	16
18/02/24 09:10	3.035	7.182	10.216	0.385			2.1	129	17
18/02/24 09:15	2.027	1.791	3.818	0.308			1.7	150	27
18/02/24 09:20	2.145	2.748	4.893	0.230			2.2	144	24
18/02/24 09:25	1.452	2.485	3.937	0.147			2.3	137	19
18/02/24 09:30	3.546	8.556	12.102	0.152			2.1	164	29
18/02/24 09:35	2.423	1.717	4.141	0.204			2.1	140	26
18/02/24 09:40	5.625	2.503	8.128	0.212			1.7	165	23
18/02/24 09:45	3.535	1.897	5.432	0.197			1.7	157	27
18/02/24 09:50	8.799	1.657	10.456	0.251			1.9	174	22
18/02/24 09:55	8.221	4.400	12.621	0.291			2.2	170	14
18/02/24 10:00	4.701	4.014	8.715	0.237			2.8	143	20
18/02/24 10:05	3.697	2.572	6.269	0.286			2.2	169	25
18/02/24 10:10	4.402	3.440	7.842	0.413			1.6	165	26
18/02/24 10:15	3.388	2.246	5.635	0.327			1.6	158	29
18/02/24 10:20	3.806	0.388	4.194	0.371			1.3	164	26
18/02/24 10:25	11.185	7.415	18.600	0.475			1.2	149	24
18/02/24 10:30	23.009	3.003	26.012	0.450			1.2	153	29
18/02/24 10:35	0.734	1.608	2.342	0.370			1.5	142	23
18/02/24 10:40	0.874	1.938	2.812	0.434			1.7	138	15
18/02/24 10:45	9.550	5.888	15.439	0.400			1.5	148	26
18/02/24 10:50	31.214	6.499	37.713	0.349			1.7	171	23
18/02/24 10:55	11.609	7.346	18.955	0.392			1.8	160	21
18/02/24 11:00	2.961	1.083	4.045	0.389			1.4	141	24
18/02/24 11:05	11.198	8.439	19.637	0.362			2.0	175	16
18/02/24 11:10	15.106	14.573	29.679	0.353			2.4	198	10
18/02/24 11:15	12.524	5.605	18.130	0.470			1.7	179	19
18/02/24 11:20	9.960	3.425	13.385	0.486			2.1	175	21
18/02/24 11:25	12.765	6.680	19.445	0.504			1.8	174	25
18/02/24 11:30	17.145	6.855	24.000	0.495			2.3	187	17
18/02/24 11:35	14.457	5.770	20.228	0.531			2.8	194	14
18/02/24 11:40	5.919	3.659	9.578	0.563			3.4	197	10
18/02/24 11:45	2.496	3.170	5.666	0.605			3.7	203	11
18/02/24 11:50	1.942	2.403	4.345	0.466			4.0	209	05
18/02/24 11:55	1.588	1.385	2.973	0.412			3.9	211	07
18/02/24 12:00	1.883	2.980	4.863	0.320			3.4	200	11
18/02/24 12:05	2.111	2.211	4.322	0.294			3.9	207	12
18/02/24 12:10	2.604	4.374	6.978	0.264			3.7	198	09
18/02/24 12:15	2.592	3.425	6.018	0.197			4.2	206	10
18/02/24 12:20	2.139	0.969	3.108	0.128			4.0	210	07
18/02/24 12:25	1.301	1.331	2.631	0.229			3.9	209	07
18/02/24 12:30	0.981	1.683	2.664	0.317			3.8	206	09
18/02/24 12:35	1.971	3.605	5.576	0.262			4.2	208	08
18/02/24 12:40	1.850	1.896	3.746	0.234			3.8	205	08
18/02/24 12:45	1.839	2.096	3.935	0.248			4.4	211	09
18/02/24 12:50	1.265	1.523	2.789	0.215			3.9	209	09
18/02/24 12:55	1.331	1.624	2.955	0.226			4.5	212	05
18/02/24 13:00	1.329	1.467	2.795	0.316			4.5	208	09
18/02/24 13:05	1.690	1.657	3.347	0.256			4.0	207	10
18/02/24 13:10	2.062	2.096	4.158	0.143			4.4	211	06
18/02/24 13:15	1.927	2.019	3.945	0.130			3.8	209	07
18/02/24 13:20	1.867	1.973	3.840	0.076			3.7	209	07
18/02/24 13:25	1.813	1.985	3.798	0.160			3.7	207	07
18/02/24 13:30	1.717	2.011	3.728	0.152			3.6	203	10
18/02/24 13:35	1.738	2.122	3.859	0.197			4.1	204	08
18/02/24 13:40	1.799	2.193	3.992	0.167			3.6	203	10
18/02/24 13:45	1.971	2.208	4.179	0.140			4.0	205	09
18/02/24 13:50	1.799	2.012	3.812	0.211			3.9	200	11
18/02/24 13:55	1.593	1.915	3.508	0.131			3.7	199	10
18/02/24 14:00	1.893	2.301	4.194	0.218			3.8	197	11
18/02/24 14:05	2.266	2.930	5.196	0.249			4.2	194	09
18/02/24 14:10	2.448	2.150	4.598	0.251			4.0	197	09
18/02/24 14:15	2.539	1.971	4.510	0.326			4.5	193	08
18/02/24 14:20	2.745	2.183	4.928	0.329			4.2	195	10
18/02/24 14:25	3.432	3.695	7.127	0.391			4.3	193	09
18/02/24 14:30	4.537	3.619	8.156	0.486			4.2	193	07
18/02/24 14:35	4.533	1.692	6.225	0.574			4.4	194	08
18/02/24 14:40	4.487	3.225	7.712	0.631			4.2	194	10
18/02/24 14:45	3.314	3.616	6.929	0.771			4.5	196	09
18/02/24 14:50	5.847	0.354	6.202	0.790			4.3	195	09
18/02/24 14:55	3.643	0.618	4.261	0.763			3.8	199	11
18/02/24 15:00	1.416	0.707	2.123	0.664			4.0	197	12
18/02/24 15:05	2.011	1.134	3.145	0.628			4.5	193	10
18/02/24 15:10	2.341	1.607	3.948	0.654			4.5	192	09
18/02/24 15:15	2.761	1.540	4.301	0.678			4.7	191	10
18/02/24 15:20	4.023	2.415	6.438	0.757			4.7	191	09
18/02/24 15:25	2.789	1.403	4.193	0.751			4.5	194	10
18/02/24 15:30	2.712	1.747	4.459	0.688			4.4	197	11
18/02/24 15:35	2.820	2.903	5.723	0.682			4.5	193	09
18/02/24 15:40	2.779	2.118	4.897	0.622			4.6	195	11
18/02/24 15:45	3.181	1.725	4.905	0.643			4.2	197	11
18/02/24 15:50	3.721	2.574	6.294	0.692			4.1	196	12
18/02/24 15:55	2.705	4.439	7.144	0.767			4.9	192	10
18/02/24 16:00	2.390	3.044	5.435	0.764			4.8	194	08
18/02/24 16:05	4.802	3.239	8.041	0.803			5.2	193	08
18/02/24 16:10	9.246	5.436	14.682	0.809			5.5	191	09
18/02/24 16:15	5.007	2.472	7.479	0.800			5.3	191	10
18/02/24 16:20	4.172	1.934	6.106	0.721			5.6	191	09
18/02/24 16:25	6.171	1.374	7.545	0.769			6.1	191	08
18/02/24 16:30	4.817	2.616	7.432	0.793			5.5	194	08
18/02/24 16:35	16.657	2.937	19.593	0.985			5.9	194	08
18/02/24 16:40	8.423	4.728	13.150	1.165			6.0	192	09

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/02/24 16:45	6.852	4.346	11.198	1.334			6.2	190	10
18/02/24 16:50	7.351	6.051	13.402	1.302			6.1	192	08
18/02/24 16:55	13.793	3.266	17.059	1.270			6.3	192	08
18/02/24 17:00	14.474	5.812	20.286	1.410			6.2	191	09
18/02/24 17:05	20.270	7.478	27.747	1.536			5.8	191	08
18/02/24 17:10	33.816	11.402	45.218	1.604			5.7	192	09
18/02/24 17:15	19.039	6.613	25.652	1.591			6.7	194	08
18/02/24 17:20	85.753	9.628	95.380	1.596			7.1	193	06
18/02/24 17:25	74.452	18.907	93.360	1.848			6.0	197	07
18/02/24 17:30	10.850	5.400	16.250	1.898			7.2	199	06
18/02/24 17:35	2.840	1.894	4.734	1.799			6.3	194	09
18/02/24 17:40	2.336	2.023	4.358	1.614			6.8	197	06
18/02/24 17:45	2.168	1.123	3.291	1.467			6.6	196	08
18/02/24 17:50	2.110	2.661	4.771	1.323			6.3	197	07
18/02/24 17:55	5.332	1.319	6.651	1.312			6.4	196	07
18/02/24 18:00	18.746	7.881	26.626	1.484			4.8	194	10
18/02/24 18:05	44.618	19.373	63.991	1.841			5.9	194	07
18/02/24 18:10	34.489	8.863	43.352	2.445			4.8	192	10
18/02/24 18:15	29.215	6.543	35.758	2.900			4.6	192	12
18/02/24 18:20	38.360	11.921	50.281	3.080			5.1	194	09
18/02/24 18:25	30.988	8.228	39.216	3.257			4.6	192	10
18/02/24 18:30	17.689	6.493	24.181	3.267			4.4	188	14
18/02/24 18:35	14.348	5.889	20.238	2.869			4.7	192	10
18/02/24 18:40	18.730	6.665	25.395	2.810			4.1	190	11
18/02/24 18:45	18.272	1.957	20.229	2.706			4.2	193	11
18/02/24 18:50	10.614	5.362	15.976	2.660			3.9	194	13
18/02/24 18:55	12.525	4.735	17.261	2.605			3.6	185	17
18/02/24 19:00	6.481	4.354	10.835	2.518			3.6	186	15
18/02/24 19:05	10.458	5.359	15.817	2.472			3.3	186	22
18/02/24 19:10	0.193	1.232	1.425	2.245			2.4	170	30
18/02/24 19:15	0.697	1.107	1.804	1.879			2.9	173	25
18/02/24 19:20	0.603	1.176	1.779	1.668			3.1	164	27
18/02/24 19:25	0.637	1.151	1.788	1.521			2.9	168	24
18/02/24 19:30	0.784	1.070	1.855	1.408			2.8	165	20
18/02/24 19:35	1.030	1.067	2.097	1.240			2.7	178	23
18/02/24 19:40	1.102	1.072	2.173	1.148			2.8	170	19
18/02/24 19:45	1.521	1.611	3.132	1.113			2.7	176	23
18/02/24 19:50	1.748	1.942	3.690	0.964			2.8	170	25
18/02/24 19:55	1.666	1.999	3.665	0.826			2.5	161	29
18/02/24 20:00	1.894	2.301	4.195	0.755			2.7	156	27
18/02/24 20:05				0.798			2.3	162	32
18/02/24 20:10				0.694			3.1	161	26
18/02/24 20:15				0.722			4.4	145	21
18/02/24 20:20	0.707	0.191	0.898	0.756			4.8	143	16
18/02/24 20:25	0.528	0.361	0.889	0.803			3.1	154	23
18/02/24 20:30	0.364	0.469	0.833	0.584			4.1	146	18
18/02/24 20:35	0.318	0.512	0.830	0.555			3.8	149	20
18/02/24 20:40	0.275	0.552	0.827	0.510			2.4	153	27
18/02/24 20:45	0.237	0.529	0.766	0.399			4.4	142	10
18/02/24 20:50	0.213	0.502	0.716	0.424			4.0	136	10
18/02/24 20:55	0.121	0.529	0.651	0.477			3.2	135	18
18/02/24 21:00	0.057	0.571	0.628	0.487			3.3	136	15
18/02/24 21:05	0.030	0.600	0.630	0.392			3.8	138	12
18/02/24 21:10	0.119	0.612	0.731	0.448			3.6	138	12
18/02/24 21:15	0.126	0.661	0.787	0.466			3.7	139	14
18/02/24 21:20	0.124	0.720	0.843	0.484			3.4	141	13
18/02/24 21:25	0.068	0.689	0.757	0.487			2.7	151	24
18/02/24 21:30	-0.094	0.684	0.589	0.410			3.0	140	20
18/02/24 21:35	-0.091	0.721	0.630	0.345			2.9	147	24
18/02/24 21:40	-0.104	0.760	0.656	0.315			3.1	147	22
18/02/24 21:45	-0.006	0.751	0.745	0.331			2.0	162	29
18/02/24 21:50	-0.026	0.791	0.765	0.377			2.2	172	25
18/02/24 21:55	0.012	0.798	0.810	0.499			2.1	164	26
18/02/24 22:00	0.081	0.741	0.822	0.412			2.5	174	26
18/02/24 22:05	0.131	0.726	0.857	0.369			2.4	178	18
18/02/24 22:10	0.212	0.772	0.983	0.283			2.3	171	25
18/02/24 22:15	0.203	0.783	0.985	0.321			2.0	174	22
18/02/24 22:20	0.028	0.858	0.887	0.364			2.2	125	20
18/02/24 22:25	-0.061	0.860	0.799	0.388			3.0	114	09
18/02/24 22:30	-0.105	0.807	0.702	0.318			2.1	120	17
18/02/24 22:35	-0.138	0.829	0.691	0.281			3.4	114	09
18/02/24 22:40	-0.123	0.859	0.736	0.215			3.5	111	09
18/02/24 22:45	-0.111	0.868	0.756	0.097			2.4	116	17
18/02/24 22:50	0.001	0.856	0.858	0.038			2.3	119	15
18/02/24 22:55	0.129	0.882	1.011	0.304			3.0	111	11
18/02/24 23:00	0.111	1.018	1.129	0.356			3.1	117	13
18/02/24 23:05	0.049	0.963	1.012	0.330			3.3	127	14
18/02/24 23:10	-0.009	0.761	0.752	0.323			3.4	130	17
18/02/24 23:15	-0.051	0.633	0.582	0.375			3.8	136	14
18/02/24 23:20	-0.136	0.545	0.409	0.378			3.3	128	17
18/02/24 23:25	-0.200	0.569	0.369	0.351			2.1	121	21
18/02/24 23:30	-0.045	0.507	0.462	0.299			3.6	131	17
18/02/24 23:35	0.048	0.464	0.512	0.256			2.8	135	13
18/02/24 23:40	0.085	0.373	0.458	0.293			3.3	133	19
18/02/24 23:45	0.103	0.336	0.440	0.278			2.7	152	23
18/02/24 23:50	0.145	0.314	0.459				2.0	138	27
18/02/24 23:55	0.037	0.363	0.400				2.0	119	19
19/02/24 00:00	-0.054	0.578	0.524	1.077			2.3	115	14
19/02/24 00:05	0.018	0.696	0.714	1.002			1.8	121	19
19/02/24 00:10	-0.039	0.811	0.772	0.797			2.0	144	33
19/02/24 00:15	-0.048	0.738	0.690	0.741			2.4	179	18
19/02/24 00:20	-0.189	0.712	0.523	0.695			2.3	171	24
19/02/24 00:25	-0.034	0.641	0.607	0.592			2.5	147	21
19/02/24 00:30	0.179	0.517	0.695	0.672			2.2	168	23
19/02/24 00:35	0.079	0.516	0.595	0.604			2.1	156	25
19/02/24 00:40	0.030	0.551	0.581	0.490			2.5	147	20
19/02/24 00:45	-0.018	0.558	0.540	0.463			3.1	140	16
19/02/24 00:50	0.033	0.490	0.523	0.479			2.4	142	22
19/02/24 00:55	-0.007	0.446	0.439	0.502			2.2	156	21
19/02/24 01:00	0.112	0.421	0.533	0.502			2.2	166	24
19/02/24 01:05							2.5	151	24
19/02/24 01:10							3.5	190	08
19/02/24 01:15							3.3	185	13
19/02/24 01:20							3.1	192	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/02/24 01:25							2.2	172	21
19/02/24 01:30							1.9	152	25
19/02/24 01:35							2.4	151	27
19/02/24 01:40							2.5	132	20
19/02/24 01:45							2.2	166	28
19/02/24 01:50							3.2	190	12
19/02/24 01:55							3.3	188	11
19/02/24 02:00							2.9	183	17
19/02/24 02:05	0.153	0.414	0.567	0.431			2.9	182	13
19/02/24 02:10	0.062	0.415	0.476	0.403			2.3	188	11
19/02/24 02:15	-0.114	0.437	0.323	0.431			2.8	151	23
19/02/24 02:20	-0.106	0.410	0.304	0.447			3.9	142	14
19/02/24 02:25	-0.153	0.391	0.239	0.526			2.3	147	22
19/02/24 02:30	-0.166	0.385	0.219	0.549			2.6	147	22
19/02/24 02:35	-0.160	0.455	0.295	0.566			2.8	162	24
19/02/24 02:40	0.003	0.406	0.408	0.627			3.5	184	13
19/02/24 02:45	0.024	0.402	0.427	0.676			3.3	165	30
19/02/24 02:50	-0.066	0.457	0.392	0.683			3.2	143	20
19/02/24 02:55	-0.020	0.455	0.435	0.679			4.1	143	16
19/02/24 03:00	0.031	0.428	0.460	0.591			2.6	155	22
19/02/24 03:05	0.055	0.399	0.454	0.592			1.7	174	20
19/02/24 03:10	0.061	0.363	0.425	0.587			2.2	139	25
19/02/24 03:15	0.067	0.274	0.341	0.630			3.3	148	19
19/02/24 03:20	0.056	0.259	0.315	0.589			3.0	148	24
19/02/24 03:25	0.088	0.346	0.434	0.505			2.8	132	16
19/02/24 03:30	0.095	0.386	0.481	0.473			2.8	149	29
19/02/24 03:35	0.143	0.456	0.599	0.503			2.5	158	24
19/02/24 03:40	0.127	0.508	0.635	0.572			3.1	147	23
19/02/24 03:45	0.055	0.543	0.599	0.602			2.6	172	21
19/02/24 03:50	0.037	0.518	0.555	0.575			2.9	168	22
19/02/24 03:55	0.060	0.562	0.622	0.562			2.8	165	20
19/02/24 04:00	0.141	0.550	0.690	0.547			2.3	154	26
19/02/24 04:05	0.181	0.532	0.713	0.509			2.9	141	25
19/02/24 04:10	0.144	0.440	0.584	0.534			3.0	165	25
19/02/24 04:15	0.261	0.437	0.698	0.513			2.6	178	21
19/02/24 04:20	0.278	0.388	0.665	0.463			3.1	181	16
19/02/24 04:25	0.288	0.489	0.776	0.534			4.0	187	12
19/02/24 04:30	0.215	0.462	0.676	0.701			2.5	178	20
19/02/24 04:35	0.111	0.507	0.617	0.711			2.1	164	27
19/02/24 04:40	0.087	0.444	0.531	0.748			2.8	181	16
19/02/24 04:45	0.106	0.442	0.548	0.574			3.6	140	19
19/02/24 04:50	0.017	0.466	0.483	0.494			3.2	148	22
19/02/24 04:55	-0.035	0.489	0.454	0.629			3.0	132	19
19/02/24 05:00	-0.093	0.475	0.382	0.640			2.9	138	19
19/02/24 05:05	-0.080	0.496	0.416	0.621			2.6	131	23
19/02/24 05:10	-0.127	0.545	0.418	0.601			2.2	141	27
19/02/24 05:15	-0.097	0.547	0.451	0.550			2.2	158	32
19/02/24 05:20	-0.075	0.718	0.643	0.485			2.4	169	27
19/02/24 05:25	-0.050	0.725	0.674	0.493			3.3	125	17
19/02/24 05:30	-0.017	0.769	0.752	0.436			3.3	121	14
19/02/24 05:35	-0.021	0.836	0.815	0.383			3.4	110	09
19/02/24 05:40	0.038	1.023	1.061	0.462			2.3	120	17
19/02/24 05:45	0.049	1.091	1.141	0.521			2.8	117	16
19/02/24 05:50	0.187	1.166	1.352	0.562			2.5	115	15
19/02/24 05:55	0.214	1.466	1.680	0.611			2.7	118	13
19/02/24 06:00	0.224	1.441	1.665	0.561			2.9	119	15
19/02/24 06:05	0.188	1.310	1.498	0.564			2.2	136	26
19/02/24 06:10	0.080	1.193	1.273	0.548			2.8	132	24
19/02/24 06:15	-0.003	1.166	1.164	0.517			2.6	116	16
19/02/24 06:20	0.012	1.148	1.160	0.469			3.8	116	09
19/02/24 06:25	-0.030	1.108	1.078	0.461			3.0	122	17
19/02/24 06:30	0.027	1.179	1.206	0.473			3.5	115	11
19/02/24 06:35	0.129	1.228	1.356	0.469			3.1	145	18
19/02/24 06:40	0.189	1.069	1.257	0.508			1.5	167	31
19/02/24 06:45	0.283	0.928	1.210	0.602			2.6	145	20
19/02/24 06:50	0.192	0.887	1.079	0.616			3.0	135	16
19/02/24 06:55	0.132	0.863	0.995	0.510			2.2	123	21
19/02/24 07:00	0.121	0.910	1.031	0.365			2.1	114	15
19/02/24 07:05	0.072	0.892	0.964	0.366			2.4	119	17
19/02/24 07:10	-0.048	0.995	0.947	0.347			2.2	126	17
19/02/24 07:15	-0.013	1.252	1.239	0.254			2.3	120	18
19/02/24 07:20	0.062	1.191	1.253	0.172			2.7	124	22
19/02/24 07:25	0.035	1.105	1.141	0.172			3.2	144	21
19/02/24 07:30	0.022	1.092	1.113	0.106			2.5	147	30
19/02/24 07:35	-0.089	0.986	0.896	0.105			2.5	155	24
19/02/24 07:40	-0.101	0.901	0.800	0.137			3.7	138	12
19/02/24 07:45	0.121	0.919	1.040	0.112			2.4	138	27
19/02/24 07:50	0.472	0.972	1.444	0.092			2.2	144	29
19/02/24 07:55	0.676	1.161	1.837	0.121			1.9	148	22
19/02/24 08:00	1.316	1.796	3.112	0.139			2.0	141	18
19/02/24 08:05	1.614	2.018	3.632	0.093			2.0	133	21
19/02/24 08:10	1.475	2.224	3.699	0.075			1.9	121	17
19/02/24 08:15	1.296	0.904	2.200	0.122			1.8	119	18
19/02/24 08:20	1.330	2.040	3.370	0.127			2.6	113	09
19/02/24 08:25	1.330	2.073	3.403	0.291			2.4	114	11
19/02/24 08:30	1.522	2.712	4.235	0.289			2.7	111	08
19/02/24 08:35	1.552	3.114	4.666	0.254			2.4	111	08
19/02/24 08:40	1.571	3.151	4.722	0.235			2.1	115	11
19/02/24 08:45	1.404	3.000	4.404	0.224			1.8	115	15
19/02/24 08:50	1.166	2.917	4.084	0.148			2.2	126	19
19/02/24 08:55	1.145	2.670	3.815	0.175			2.1	117	17
19/02/24 09:00	1.182	2.652	3.834	0.279			2.1	124	20
19/02/24 09:05	1.048	2.538	3.586	0.300			2.5	130	19
19/02/24 09:10	0.943	2.327	3.270	0.193			2.5	133	19
19/02/24 09:15	0.800	2.116	2.916	0.122			3.3	139	15
19/02/24 09:20	0.664	1.935	2.599	0.078			2.7	135	20
19/02/24 09:25	0.637	1.771	2.408	0.114			2.8	142	19
19/02/24 09:30	0.617	1.611	2.227	0.125			2.5	142	23
19/02/24 09:35	0.682	1.419	2.100	0.188			3.1	143	17
19/02/24 09:40	0.602	1.346	1.948	0.276			2.6	149	20
19/02/24 09:45	0.449	1.222	1.671	0.248			2.2	150	21
19/02/24 09:50	0.413	1.135	1.549	0.280			1.5	159	32
19/02/24 09:55	0.349	1.121	1.469	0.207			2.1	181	21
19/02/24 10:00	0.216	1.082	1.298	0.149			2.8	182	14

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/02/24 10:05	0.277	1.163	1.440	0.173			2.6	184	14
19/02/24 10:10	0.433	1.319	1.752	0.132			2.4	185	20
19/02/24 10:15	0.450	1.334	1.784	0.140			2.3	178	24
19/02/24 10:20	0.528	1.324	1.852	0.138			2.2	173	23
19/02/24 10:25	0.364	1.176	1.539	0.167			2.5	177	17
19/02/24 10:30	0.204	1.129	1.332	0.187			2.4	179	25
19/02/24 10:35	0.077	1.097	1.174	0.130			2.7	179	16
19/02/24 10:40	0.126	1.085	1.210	0.097			2.9	185	12
19/02/24 10:45	0.199	1.014	1.212	0.087			2.3	176	19
19/02/24 10:50	0.064	0.934	0.998	0.148			2.4	172	20
19/02/24 10:55	0.077	0.915	0.992	0.231			2.2	173	21
19/02/24 11:00	0.112	0.927	1.039	0.115			2.6	176	23
19/02/24 11:05	0.047	0.949	0.996	0.105			2.4	182	16
19/02/24 11:10	0.178	1.059	1.237	0.137			2.3	177	17
19/02/24 11:15	0.405	1.116	1.522	0.202			2.4	171	20
19/02/24 11:20	0.479	1.109	1.588	0.213			2.2	172	21
19/02/24 11:25	0.455	1.184	1.639	0.189			2.5	187	13
19/02/24 11:30	0.432	1.288	1.720	0.210			2.6	182	17
19/02/24 11:35	0.421	1.240	1.661	0.184			2.6	185	16
19/02/24 11:40	0.557	1.207	1.764	0.188			2.6	186	15
19/02/24 11:45	0.645	1.182	1.827	0.305			2.8	187	15
19/02/24 11:50	0.644	1.159	1.803	0.336			3.4	198	09
19/02/24 11:55	0.647	1.029	1.676	0.259			4.5	199	04
19/02/24 12:00	0.455	0.985	1.440	0.231			4.6	203	08
19/02/24 12:05	0.297	0.904	1.201	0.168			4.6	200	08
19/02/24 12:10	0.271	0.834	1.105	0.176			3.5	192	11
19/02/24 12:15	0.339	0.894	1.233	0.271			3.7	198	07
19/02/24 12:20				0.366			3.2	190	13
19/02/24 12:25	4.609	3.287	7.896	0.408			3.3	193	16
19/02/24 12:30	0.997	1.541	2.538	0.458			4.3	198	09
19/02/24 12:35	1.072	2.814	3.887	0.540			5.0	201	04
19/02/24 12:40	1.625	2.908	4.533	0.522			5.4	201	05
19/02/24 12:45	1.061	1.079	2.140	0.498			5.3	199	05
19/02/24 12:50	0.602	0.145	0.747	0.503			5.4	199	03
19/02/24 12:55	0.543	0.245	0.788	0.475			5.3	201	04
19/02/24 13:00	0.525	0.291	0.817	0.381			5.3	202	06
19/02/24 13:05	0.472	0.522	0.994	0.342			5.4	200	05
19/02/24 13:10	0.404	0.646	1.049	0.254			5.4	202	05
19/02/24 13:15	0.207	0.629	0.835	0.186			5.4	207	05
19/02/24 13:20	0.281	0.808	1.088	0.191			5.7	204	05
19/02/24 13:25	0.365	0.839	1.204	0.186			5.6	204	04
19/02/24 13:30	0.389	0.812	1.201	0.232			5.4	201	04
19/02/24 13:35	0.385	0.814	1.199	0.305			5.3	200	05
19/02/24 13:40	0.255	0.801	1.056	0.312			5.6	202	06
19/02/24 13:45	0.317	0.672	0.989	0.194			5.3	201	06
19/02/24 13:50	0.650	0.541	1.192	0.183			5.4	204	06
19/02/24 13:55	0.572	0.568	1.140	0.167			5.8	201	06
19/02/24 14:00	0.500	0.559	1.059	0.196			5.1	202	06
19/02/24 14:05	0.975	0.836	1.811	0.169			4.8	200	06
19/02/24 14:10	0.509	0.645	1.154	0.192			5.6	201	05
19/02/24 14:15	0.368	0.758	1.126	0.218			6.4	201	04
19/02/24 14:20	0.351	0.755	1.106	0.258			6.2	203	05
19/02/24 14:25	0.223	0.817	1.041	0.341			6.3	209	06
19/02/24 14:30	0.341	0.831	1.173	0.326			6.9	210	05
19/02/24 14:35	0.391	0.891	1.282	0.317			6.6	208	09
19/02/24 14:40	0.324	0.832	1.155	0.258			6.3	203	06
19/02/24 14:45	0.293	0.757	1.050	0.262			6.5	206	05
19/02/24 14:50	0.235	0.813	1.049	0.337			6.5	203	05
19/02/24 14:55	0.326	0.779	1.105	0.367			6.8	204	06
19/02/24 15:00	0.387	0.795	1.182	0.397			5.9	199	07
19/02/24 15:05	0.420	0.687	1.107	0.411			6.5	201	04
19/02/24 15:10	0.394	0.629	1.023	0.376			6.7	205	05
19/02/24 15:15	0.417	0.621	1.038	0.266			6.5	200	05
19/02/24 15:20	0.364	0.663	1.027	0.250			6.7	202	06
19/02/24 15:25	0.201	0.754	0.955	0.260			6.6	200	05
19/02/24 15:30	0.134	0.711	0.845	0.269			7.0	202	06
19/02/24 15:35	0.202	0.799	1.001	0.158			7.4	201	05
19/02/24 15:40	0.187	0.762	0.949	0.146			6.7	200	06
19/02/24 15:45	0.216	0.737	0.953	0.149			6.7	204	05
19/02/24 15:50	0.383	0.918	1.301	0.134			7.2	199	05
19/02/24 15:55	0.418	0.937	1.355	0.097			7.0	201	04
19/02/24 16:00	0.532	1.000	1.532	0.064			7.9	202	04
19/02/24 16:05	0.501	0.849	1.349	0.120			7.3	199	05
19/02/24 16:10	0.405	0.772	1.177	0.130			7.1	201	05
19/02/24 16:15	0.449	0.730	1.179	0.191			7.1	202	06
19/02/24 16:20	0.548	0.749	1.296	0.181			7.7	206	06
19/02/24 16:25	0.551	0.770	1.320	0.148			7.2	202	07
19/02/24 16:30	0.555	0.867	1.422	0.113			7.6	206	05
19/02/24 16:35	0.455	0.793	1.249	0.112			7.0	202	05
19/02/24 16:40	0.442	0.805	1.246	0.020			7.9	201	04
19/02/24 16:45	0.349	0.737	1.086	0.000			7.3	202	06
19/02/24 16:50	0.514	0.862	1.376	-0.024			7.5	202	05
19/02/24 16:55	0.831	1.134	1.965	0.022			7.7	199	05
19/02/24 17:00	0.747	1.124	1.870	0.038			7.8	204	04
19/02/24 17:05	0.569	1.101	1.670	-0.006			8.2	204	04
19/02/24 17:10	0.384	1.007	1.391	0.056			6.8	200	06
19/02/24 17:15	1.854	1.960	3.814	0.068			7.3	202	06
19/02/24 17:20	0.352	0.167	0.519	0.156			7.3	199	05
19/02/24 17:25	0.234	0.708	0.943	0.222			6.3	198	07
19/02/24 17:30	0.388	1.095	1.483	0.195			6.9	200	07
19/02/24 17:35	1.429	5.293	6.722	0.272			6.2	196	08
19/02/24 17:40	1.303	2.265	3.569	0.290			7.3	201	06
19/02/24 17:45	0.881	1.096	1.977	0.289			7.4	199	06
19/02/24 17:50	0.815	1.290	2.106	0.240			6.2	199	07
19/02/24 17:55	0.722	1.331	2.053	0.155			7.3	201	04
19/02/24 18:00	0.619	1.332	1.952	0.172			7.3	203	05
19/02/24 18:05	0.741	1.525	2.267	0.229			6.9	198	06
19/02/24 18:10	1.148	2.020	3.168	0.165			7.2	201	06
19/02/24 18:15	1.070	1.820	2.889	0.113			7.3	200	06
19/02/24 18:20	0.682	1.078	1.760	0.143			6.3	199	06
19/02/24 18:25	0.360	0.961	1.321	0.111			6.3	199	06
19/02/24 18:30	0.179	0.989	1.168	0.075			5.6	194	09
19/02/24 18:35	0.225	0.993	1.218	0.014			4.8	193	11
19/02/24 18:40	0.246	1.225	1.471	0.042			5.2	192	11

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/02/24 18:45	0.330	1.442	1.771	0.032			4.9	193	11
19/02/24 18:50	0.270	1.381	1.651	0.051			5.1	184	10
19/02/24 18:55	0.166	1.210	1.375	0.139			4.2	186	11
19/02/24 19:00	-0.015	1.142	1.127	0.101			4.4	189	12
19/02/24 19:05	-0.024	1.028	1.004	0.073			3.7	186	14
19/02/24 19:10	0.024	1.023	1.047	0.108			3.6	176	17
19/02/24 19:15	0.142	0.949	1.090	0.123			3.1	180	18
19/02/24 19:20	0.126	0.820	0.946	0.174			3.7	185	14
19/02/24 19:25	0.177	0.749	0.926	0.096			4.2	184	14
19/02/24 19:30	0.189	0.682	0.870	0.125			3.8	181	15
19/02/24 19:35	0.153	0.642	0.795	0.213			3.0	177	23
19/02/24 19:40	0.063	0.658	0.721	0.259			3.8	179	18
19/02/24 19:45	0.026	0.580	0.606	0.204			4.0	185	13
19/02/24 19:50	0.026	0.570	0.596	0.157			3.6	187	14
19/02/24 19:55	0.158	0.537	0.695	0.014			3.2	182	15
19/02/24 20:00	0.155	0.594	0.749	-0.017			2.8	178	21
19/02/24 20:05	0.180	0.545	0.725	0.040			3.8	184	17
19/02/24 20:10	0.080	0.505	0.585	0.087			3.4	185	15
19/02/24 20:15	0.076	0.550	0.627	0.114			3.4	181	17
19/02/24 20:20	-0.021	0.619	0.598	0.110			2.5	168	26
19/02/24 20:25	-0.044	0.589	0.545	0.116			2.6	165	24
19/02/24 20:30	-0.057	0.480	0.423	0.154			2.1	163	26
19/02/24 20:35	-0.058	0.514	0.455	0.128			2.9	169	21
19/02/24 20:40	-0.055	0.558	0.503	0.224			2.1	160	30
19/02/24 20:45	-0.055	0.581	0.525	0.211			2.6	175	20
19/02/24 20:50	-0.050	0.600	0.549	0.193			2.2	163	25
19/02/24 20:55	-0.033	0.541	0.508	0.200			2.2	173	25
19/02/24 21:00	-0.071	0.434	0.363	0.194			2.4	171	27
19/02/24 21:05	-0.037	0.412	0.375	0.283			2.7	182	13
19/02/24 21:10	0.000	0.428	0.428	0.359			3.1	187	13
19/02/24 21:15	-0.025	0.499	0.474	0.318			2.4	175	20
19/02/24 21:20	-0.088	0.511	0.424	0.321			2.7	187	12
19/02/24 21:25	0.020	0.425	0.444	0.312			2.7	183	12
19/02/24 21:30	0.067	0.372	0.439	0.248			2.8	179	17
19/02/24 21:35	0.047	0.400	0.447	0.102			2.9	182	14
19/02/24 21:40	-0.015	0.438	0.423	0.037			2.5	187	12
19/02/24 21:45	-0.026	0.469	0.442	0.127			3.0	187	10
19/02/24 21:50	-0.025	0.435	0.411	0.233			2.5	181	18
19/02/24 21:55	-0.089	0.455	0.366	0.255			2.7	187	13
19/02/24 22:00	-0.054	0.373	0.319	0.230			2.6	184	15
19/02/24 22:05	-0.010	0.384	0.374	0.182			2.7	184	13
19/02/24 22:10	-0.118	0.449	0.331	0.110			2.8	184	14
19/02/24 22:15	-0.146	0.453	0.307	0.150			3.2	193	09
19/02/24 22:20	-0.103	0.439	0.336	0.174			2.7	187	11
19/02/24 22:25	-0.073	0.487	0.414	0.157			2.9	186	13
19/02/24 22:30	0.016	0.558	0.573	0.170			3.1	190	10
19/02/24 22:35	0.054	0.585	0.639	0.114			3.4	189	10
19/02/24 22:40	-0.028	0.661	0.633	0.001			3.0	186	12
19/02/24 22:45	-0.095	0.623	0.527	0.068			2.8	189	15
19/02/24 22:50	-0.101	0.632	0.531	0.076			2.9	192	11
19/02/24 22:55	-0.053	0.601	0.548	0.127			3.2	187	12
19/02/24 23:00	0.014	0.586	0.600	0.190			2.6	183	14
19/02/24 23:05	0.030	0.614	0.644	0.080			2.8	191	10
19/02/24 23:10	0.012	0.605	0.617	0.068			2.7	193	11
19/02/24 23:15	-0.013	0.555	0.542	0.064			2.8	195	10
19/02/24 23:20	-0.076	0.572	0.497	0.131			3.2	198	10
19/02/24 23:25	-0.116	0.632	0.516	0.169			2.8	190	11
19/02/24 23:30	-0.066	0.661	0.595	0.227			2.5	192	12
19/02/24 23:35	-0.057	0.695	0.638	0.310			2.6	190	13
19/02/24 23:40	-0.022	0.775	0.753	0.332			3.0	194	08
19/02/24 23:45	0.059	0.736	0.795	0.408			3.1	194	10
19/02/24 23:50	0.061	0.777	0.837				2.9	191	12
19/02/24 23:55	0.067	0.811	0.877				2.4	187	14
20/02/24 00:00	0.167	0.788	0.956	0.176			2.3	193	13
20/02/24 00:05	0.234	0.918	1.153	0.180			2.4	187	12
20/02/24 00:10	0.143	1.026	1.169	0.165			2.5	187	14
20/02/24 00:15	0.088	1.054	1.143	0.129			2.1	180	21
20/02/24 00:20	0.088	1.077	1.165	0.145			2.3	183	14
20/02/24 00:25	0.072	1.187	1.259	0.274			1.9	170	25
20/02/24 00:30	0.087	1.157	1.244	0.301			1.7	181	18
20/02/24 00:35	0.122	1.183	1.306	0.188			2.2	192	13
20/02/24 00:40	0.129	1.240	1.369	0.120			1.8	174	25
20/02/24 00:45	-0.011	1.310	1.300	0.152			1.4	168	28
20/02/24 00:50	-0.051	1.335	1.285	0.157			1.4	167	26
20/02/24 00:55	0.019	1.357	1.376	0.144			1.4	168	28
20/02/24 01:00	0.172	1.428	1.601	0.202			1.8	182	18
20/02/24 01:05							1.8	178	26
20/02/24 01:10							2.1	174	20
20/02/24 01:15							1.7	167	22
20/02/24 01:20							1.6	158	28
20/02/24 01:25							1.8	154	23
20/02/24 01:30							2.1	143	16
20/02/24 01:35							2.0	149	20
20/02/24 01:40							1.5	166	25
20/02/24 01:45							1.4	157	27
20/02/24 01:50							1.8	167	24
20/02/24 01:55							2.1	144	16
20/02/24 02:00							1.6	153	23
20/02/24 02:05	0.123	2.324	2.447	0.362			1.8	137	17
20/02/24 02:10	0.169	2.498	2.667	0.368			1.2	156	28
20/02/24 02:15	0.154	2.753	2.907	0.320			1.4	146	25
20/02/24 02:20	0.132	3.043	3.175	0.302			1.5	135	16
20/02/24 02:25	0.075	3.249	3.324	0.238			1.2	142	18
20/02/24 02:30	0.058	3.458	3.516	0.230			1.1	154	24
20/02/24 02:35	0.029	3.644	3.672	0.113			1.1	163	26
20/02/24 02:40	0.038	3.761	3.799	0.168			1.6	173	24
20/02/24 02:45	-0.014	3.794	3.780	0.201			2.0	188	12
20/02/24 02:50	-0.042	3.742	3.700	0.276			1.3	166	27
20/02/24 02:55	0.043	3.763	3.805	0.261			1.2	169	21
20/02/24 03:00	0.080	3.824	3.904	0.155			1.1	139	25
20/02/24 03:05	0.251	3.946	4.197	0.140			1.6	103	15
20/02/24 03:10	0.269	4.078	4.347	0.130			1.1	74	16
20/02/24 03:15	0.191	4.081	4.271	0.168			1.4	55	15
20/02/24 03:20	0.155	4.389	4.544	0.209			1.0	96	19

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/02/24 03:25	0.212	4.848	5.060	0.139			1.3	71	16
20/02/24 03:30	0.171	5.144	5.315	0.112			1.1	56	24
20/02/24 03:35	0.073	4.976	5.049	0.096			0.8	280	35
20/02/24 03:40	-0.023	4.711	4.688	0.146			1.9	238	11
20/02/24 03:45	-0.035	4.548	4.514	0.087			0.8	265	29
20/02/24 03:50	-0.081	4.562	4.481	0.123			0.9	270	25
20/02/24 03:55	0.004	4.910	4.914	0.201			2.2	246	09
20/02/24 04:00	0.148	5.334	5.482	0.224			2.4	247	14
20/02/24 04:05	0.349	5.455	5.803	0.242			2.3	260	09
20/02/24 04:10	0.608	5.608	6.217	0.255			1.8	268	21
20/02/24 04:15	0.596	5.158	5.754	0.294			1.6	283	18
20/02/24 04:20	0.504	4.673	5.176	0.259			3.2	242	06
20/02/24 04:25	0.390	4.159	4.549	0.296			2.7	230	11
20/02/24 04:30	0.242	3.908	4.149	0.323			2.5	244	11
20/02/24 04:35	0.160	3.630	3.789	0.309			2.6	244	09
20/02/24 04:40	0.177	3.533	3.710	0.228			2.9	253	13
20/02/24 04:45	0.130	3.170	3.300	0.358			2.4	255	09
20/02/24 04:50	0.181	2.848	3.029	0.359			2.9	256	06
20/02/24 04:55	0.200	2.670	2.870	0.329			2.6	264	11
20/02/24 05:00	0.224	2.768	2.992	0.295			2.4	250	12
20/02/24 05:05	0.169	2.633	2.802	0.262			2.5	256	16
20/02/24 05:10	0.211	2.538	2.749	0.301			2.3	268	11
20/02/24 05:15	0.221	2.631	2.852	0.281			1.9	270	11
20/02/24 05:20	0.045	2.657	2.702	0.352			0.9	279	20
20/02/24 05:25	0.095	3.400	3.495	0.412			1.1	257	22
20/02/24 05:30	0.288	4.131	4.419	0.436			1.2	273	31
20/02/24 05:35	0.436	4.695	5.131	0.403			1.1	287	15
20/02/24 05:40	0.461	4.479	4.940	0.457			1.0	274	19
20/02/24 05:45	0.475	4.769	5.244	0.486			1.1	285	15
20/02/24 05:50	0.510	5.296	5.805	0.432			1.4	273	16
20/02/24 05:55	0.571	5.560	6.131	0.326			2.1	283	19
20/02/24 06:00	0.977	6.487	7.463	0.251			1.4	292	14
20/02/24 06:05	0.846	6.653	7.498	0.292			1.3	282	18
20/02/24 06:10	0.936	7.392	8.328	0.338			1.2	283	14
20/02/24 06:15	1.172	7.945	9.117	0.311			1.4	268	11
20/02/24 06:20	1.531	8.741	10.272	0.301			1.4	266	14
20/02/24 06:25	4.217	9.241	13.458	0.322			1.0	272	13
20/02/24 06:30	7.192	12.876	20.068	0.357			1.2	301	14
20/02/24 06:35	6.526	12.472	18.998	0.379			0.8	288	23
20/02/24 06:40	21.613	13.045	34.658	0.456			1.2	271	11
20/02/24 06:45	14.427	15.167	29.594	0.489			0.9	303	18
20/02/24 06:50	13.737	14.841	28.577	0.549			0.9	268	15
20/02/24 06:55	21.178	26.136	47.314	0.559			1.4	264	07
20/02/24 07:00	37.187	16.727	53.913	0.673			1.4	265	12
20/02/24 07:05	25.293	19.953	45.246	0.729			1.1	277	26
20/02/24 07:10	18.480	13.246	31.727	0.689			1.1	265	13
20/02/24 07:15	22.193	16.570	38.763	0.695			1.7	265	09
20/02/24 07:20	24.204	18.554	42.758	0.741			1.5	272	16
20/02/24 07:25	15.059	12.031	27.090	0.711			1.6	265	10
20/02/24 07:30	11.785	11.469	23.253	0.634			1.3	285	14
20/02/24 07:35	14.140	12.343	26.482	0.603			1.7	263	09
20/02/24 07:40	21.646	14.620	36.266	0.590			2.0	266	15
20/02/24 07:45	16.881	12.520	29.401	0.582			1.6	286	25
20/02/24 07:50	19.891	12.747	32.638	0.506			1.6	295	17
20/02/24 07:55	23.937	11.449	35.386	0.582			0.2	321	66
20/02/24 08:00	24.484	14.103	38.586	0.681			0.7	2	46
20/02/24 08:05	33.174	15.909	49.083	0.774			1.3	47	19
20/02/24 08:10	41.800	15.342	57.141	0.939			1.3	53	21
20/02/24 08:15	27.692	15.883	43.575	1.011			1.0	88	22
20/02/24 08:20	20.532	11.624	32.156	1.121			0.6	82	42
20/02/24 08:25	20.734	7.261	27.995	1.038			1.0	38	32
20/02/24 08:30	15.546	12.943	28.489	1.019			1.0	33	34
20/02/24 08:35	16.063	11.989	28.052	1.025			1.4	13	20
20/02/24 08:40	15.055	9.746	24.801	1.001			0.9	329	31
20/02/24 08:45	15.264	14.056	29.320	0.884			1.0	294	30
20/02/24 08:50	15.002	11.641	26.643	0.832			1.1	294	24
20/02/24 08:55	14.982	11.629	26.611	0.806			1.2	277	31
20/02/24 09:00	17.854	11.513	29.368	0.856			1.3	166	43
20/02/24 09:05	19.218	12.157	31.376	0.861			1.4	165	18
20/02/24 09:10	17.433	13.126	30.560	0.836			1.4	151	19
20/02/24 09:15	16.912	12.817	29.729	0.897			0.8	151	26
20/02/24 09:20	16.856	12.384	29.240	0.817			1.4	163	24
20/02/24 09:25	19.110	15.723	34.834	0.854			1.3	168	28
20/02/24 09:30	17.916	13.384	31.300	0.800			1.4	161	28
20/02/24 09:35	17.833	12.583	30.416	0.789			1.8	143	18
20/02/24 09:40	16.450	12.681	29.131	0.875			2.1	144	17
20/02/24 09:45	15.937	12.864	28.801	0.939			1.5	147	25
20/02/24 09:50	16.002	12.815	28.817	1.021			1.5	168	26
20/02/24 09:55	22.210	15.190	37.400	1.025			1.8	186	15
20/02/24 10:00	17.771	12.808	30.579	1.011			2.1	188	11
20/02/24 10:05	32.187	3.816	36.003	0.978			3.0	196	11
20/02/24 10:10	40.871	16.795	57.666	1.036			3.2	198	09
20/02/24 10:15	32.837	17.688	50.525	1.102			3.4	199	08
20/02/24 10:20	30.099	17.407	47.506	1.181			3.1	199	08
20/02/24 10:25	31.144	15.941	47.085	1.196			3.4	198	09
20/02/24 10:30	29.310	14.421	43.731	1.309			3.0	192	12
20/02/24 10:35	22.338	12.007	34.344	1.429			2.9	189	15
20/02/24 10:40	31.886	17.680	49.566	1.480			2.4	182	18
20/02/24 10:45	13.217	12.025	25.243	1.519			2.3	182	20
20/02/24 10:50	18.316	12.908	31.224	1.558			2.3	187	16
20/02/24 10:55	11.612	11.961	23.573	1.532			2.7	178	21
20/02/24 11:00	64.616	25.245	89.861	1.637			3.1	190	12
20/02/24 11:05	49.952	24.580	74.532	2.134			2.7	187	17
20/02/24 11:10	27.241	15.381	42.622	2.480			2.5	179	18
20/02/24 11:15	123.771	2.576	126.347	2.896			3.6	201	10
20/02/24 11:20	20.395	13.600	33.995	4.105			2.5	186	18
20/02/24 11:25	79.315	25.384	104.699	4.369			3.2	195	12
20/02/24 11:30	43.420	15.185	58.604	5.384			2.8	185	13
20/02/24 11:35	79.495	38.323	117.818	6.053			4.2	204	11
20/02/24 11:40	12.559	12.688	25.247	5.609			2.9	185	15
20/02/24 11:45	15.114	14.476	29.591	4.681			2.6	181	22
20/02/24 11:50	98.497	30.750	129.247	4.809			3.6	201	09
20/02/24 11:55	17.344	17.188	34.532	4.961			3.6	196	10
20/02/24 12:00	61.822	22.118	83.940	4.479			3.1	191	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/02/24 12:05	21.295	18.079	39.374	4.527			3.8	202	09
20/02/24 12:10	10.472	15.026	25.497	3.933			2.5	192	15
20/02/24 12:15	10.546	15.190	25.736	3.703			2.2	174	17
20/02/24 12:20	136.100	1.866	137.966	3.450			2.1	189	22
20/02/24 12:25	167.658	39.140	206.799	7.073			2.7	192	14
20/02/24 12:30	64.029	17.988	82.017	8.921			2.3	188	17
20/02/24 12:35	127.418	38.419	165.838	9.011			3.0	203	11
20/02/24 12:40	13.350	12.755	26.105	9.237			4.0	207	05
20/02/24 12:45	3.052	8.159	11.211	6.494			3.6	207	09
20/02/24 12:50	2.964	7.895	10.858	4.279			3.9	205	07
20/02/24 12:55	2.848	8.980	11.829	3.332			3.1	198	10
20/02/24 13:00	3.779	9.517	13.296	2.924			3.0	199	09
20/02/24 13:05	4.885	11.692	16.577	2.657			3.0	194	14
20/02/24 13:10	9.812	12.207	22.019	2.747			4.1	204	10
20/02/24 13:15	1.803	6.765	8.568	2.517			4.3	209	06
20/02/24 13:20	2.386	10.912	13.298	2.414			4.7	209	07
20/02/24 13:25	9.606	15.127	24.734	2.169			3.6	201	09
20/02/24 13:30	5.061	8.336	13.397	1.997			4.3	203	08
20/02/24 13:35	3.296	7.247	10.543	1.715			4.6	211	05
20/02/24 13:40	3.069	7.167	10.235	1.684			3.9	204	09
20/02/24 13:45	2.725	6.158	8.883	1.479			4.6	209	08
20/02/24 13:50	3.006	9.677	12.684	1.241			4.2	212	06
20/02/24 13:55	5.852	9.778	15.630	1.390			4.6	212	05
20/02/24 14:00	2.806	8.490	11.296	1.418			4.4	212	07
20/02/24 14:05	3.453	11.289	14.742	1.303			4.7	212	05
20/02/24 14:10	8.435	18.418	26.853	1.433			3.5	200	12
20/02/24 14:15	3.349	6.992	10.342	1.586			3.9	204	07
20/02/24 14:20	1.342	4.667	6.009	1.596			3.8	201	10
20/02/24 14:25	0.814	4.628	5.442	1.544			4.0	199	08
20/02/24 14:30	0.664	4.980	5.644	1.405			4.2	205	08
20/02/24 14:35	1.003	6.366	7.369	1.285			3.7	203	08
20/02/24 14:40	1.143	6.109	7.251	1.228			4.3	201	09
20/02/24 14:45	1.177	6.347	7.524	1.345			4.0	201	11
20/02/24 14:50	1.038	6.226	7.264	1.280			4.0	204	09
20/02/24 14:55	1.232	6.488	7.720	1.189			3.9	205	05
20/02/24 15:00	1.351	6.155	7.506	1.180			3.7	205	06
20/02/24 15:05	1.161	5.101	6.261	1.056			3.5	207	06
20/02/24 15:10	1.031	4.945	5.977	0.880			3.6	206	05
20/02/24 15:15	1.108	5.270	6.378	0.800			3.2	205	07
20/02/24 15:20	1.434	6.552	7.986	0.810			3.1	202	07
20/02/24 15:25	3.687	18.201	21.887	0.932			3.2	206	07
20/02/24 15:30	3.991	8.864	12.855	0.981			3.0	201	08
20/02/24 15:35	1.571	3.458	5.029	0.970			3.2	199	10
20/02/24 15:40	1.200	3.949	5.149	0.971			3.4	202	10
20/02/24 15:45	1.830	5.167	6.997	0.891			3.4	200	09
20/02/24 15:50	1.603	5.312	6.915	0.845			3.9	205	08
20/02/24 15:55	1.719	7.945	9.664	0.795			4.0	207	08
20/02/24 16:00	2.435	9.236	11.670	0.824			3.9	205	08
20/02/24 16:05	2.225	6.027	8.252	0.773			4.4	211	06
20/02/24 16:10	12.071	27.454	39.525	0.795			4.8	209	06
20/02/24 16:15	15.247	20.680	35.927	0.793			4.8	208	08
20/02/24 16:20	10.860	17.129	27.988	0.911			5.0	212	06
20/02/24 16:25	60.553	34.940	95.493	0.935			6.1	208	08
20/02/24 16:30	101.734	49.436	151.171	1.345			6.2	210	08
20/02/24 16:35	2.754	7.140	9.894	1.534			6.7	212	04
20/02/24 16:40	0.996	6.919	7.915	1.454			6.3	213	04
20/02/24 16:45	1.337	8.221	9.558	1.383			6.5	211	04
20/02/24 16:50	1.157	7.313	8.471	1.260			6.8	212	04
20/02/24 16:55	1.435	14.956	16.391	1.203			7.1	207	04
20/02/24 17:00	2.945	12.380	15.325	1.033			6.3	210	03
20/02/24 17:05	1.801	9.059	10.860	0.967			6.4	210	03
20/02/24 17:10	1.541	9.844	11.385	0.817			6.0	209	03
20/02/24 17:15	1.290	4.881	6.171	0.627			6.0	209	03
20/02/24 17:20	0.977	2.100	3.077	0.414			5.9	209	03
20/02/24 17:25	0.719	2.609	3.328	0.367			5.7	208	03
20/02/24 17:30	0.659	2.530	3.189	0.545			5.5	207	03
20/02/24 17:35	0.729	3.916	4.645	0.451			5.6	206	04
20/02/24 17:40	0.594	3.998	4.592	0.414			4.9	198	07
20/02/24 17:45	0.619	2.811	3.430	0.395			4.0	194	10
20/02/24 17:50	0.523	1.883	2.406	0.445			3.5	194	12
20/02/24 17:55	0.345	1.583	1.929	0.593			3.7	190	13
20/02/24 18:00	0.323	1.867	2.190	0.602			3.5	186	11
20/02/24 18:05	0.561	8.667	9.228	0.620			3.4	187	11
20/02/24 18:10	1.817	35.619	37.436	0.603			4.1	206	13
20/02/24 18:15	3.605	25.094	28.698	0.519			6.0	223	06
20/02/24 18:20	0.641	4.803	5.445	0.522			5.7	217	09
20/02/24 18:25	2.063	27.880	29.943	0.454			5.2	209	03
20/02/24 18:30	5.462	29.162	34.624	0.404			5.4	214	07
20/02/24 18:35	1.933	15.313	17.246	0.541			5.5	220	03
20/02/24 18:40	1.536	13.371	14.906	0.663			5.4	228	07
20/02/24 18:45	1.188	3.132	4.320	0.683			5.6	231	04
20/02/24 18:50	0.833	2.994	3.826	0.562			4.8	230	05
20/02/24 18:55	0.642	3.220	3.862	0.304			5.1	229	04
20/02/24 19:00	0.539	3.351	3.890	0.300			5.0	225	06
20/02/24 19:05	0.363	3.779	4.143	0.441			5.1	214	03
20/02/24 19:10	0.181	4.189	4.370	0.574			5.5	212	03
20/02/24 19:15	0.160	4.507	4.666	0.571			5.5	212	02
20/02/24 19:20	0.203	4.732	4.935	0.500			5.3	211	03
20/02/24 19:25	0.328	4.925	5.253	0.446			5.4	209	03
20/02/24 19:30	0.243	4.989	5.232	0.495			5.2	212	02
20/02/24 19:35	0.109	5.375	5.485	0.530			5.1	211	03
20/02/24 19:40	0.129	6.061	6.190	0.567			4.5	201	04
20/02/24 19:45	0.315	8.254	8.570	0.560			4.8	209	07
20/02/24 19:50	0.272	7.697	7.969	0.509			6.1	241	08
20/02/24 19:55	0.310	3.764	4.074	0.505			4.8	222	07
20/02/24 20:00	0.252	3.629	3.881	0.389			4.2	227	04
20/02/24 20:05	0.308	3.532	3.840	0.388			4.2	221	05
20/02/24 20:10	0.236	3.311	3.546	0.315			4.8	222	05
20/02/24 20:15	0.167	3.104	3.271	0.287			6.2	219	05
20/02/24 20:20	0.146	3.081	3.228	0.282			6.1	218	04
20/02/24 20:25	0.082	2.769	2.850	0.272			6.3	223	05
20/02/24 20:30	0.034	2.451	2.485	0.160			6.8	231	04
20/02/24 20:35	0.048	2.280	2.329	0.186			6.5	234	04
20/02/24 20:40	0.099	2.125	2.224	0.290			5.6	236	05

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/02/24 20:45	0.121	2.176	2.296	0.294			6.1	237	03
20/02/24 20:50	0.129	2.978	3.107	0.286			5.1	240	05
20/02/24 20:55	0.123	3.869	3.992	0.448			5.0	234	05
20/02/24 21:00	0.184	4.525	4.709	0.463			4.9	235	05
20/02/24 21:05	0.189	4.830	5.018	0.510			4.9	237	05
20/02/24 21:10	0.074	4.556	4.630	0.543			4.9	234	04
20/02/24 21:15	0.081	4.063	4.145	0.513			4.1	238	07
20/02/24 21:20	0.146	3.637	3.783	0.474			4.0	235	06
20/02/24 21:25	0.227	3.345	3.573	0.317			3.7	243	07
20/02/24 21:30	0.211	3.315	3.526	0.288			3.1	249	10
20/02/24 21:35	0.367	5.031	5.398	0.296			3.7	257	09
20/02/24 21:40	0.955	13.990	14.944	0.274			3.3	256	08
20/02/24 21:45	1.280	15.955	17.235	0.237			3.5	260	07
20/02/24 21:50	2.382	20.655	23.037	0.357			3.2	252	11
20/02/24 21:55	3.927	20.161	24.088	0.337			3.4	245	07
20/02/24 22:00	2.504	5.988	8.492	0.290			3.8	232	05
20/02/24 22:05	1.072	6.768	7.839	0.267			3.1	245	07
20/02/24 22:10	0.964	9.133	10.098	0.417			2.3	260	06
20/02/24 22:15	1.860	17.019	18.880	0.490			1.3	288	21
20/02/24 22:20	1.912	14.663	16.575	0.435			1.2	280	14
20/02/24 22:25	1.480	14.836	16.315	0.328			1.1	281	13
20/02/24 22:30	1.361	15.411	16.772	0.489			1.1	314	17
20/02/24 22:35	0.906	13.566	14.472	0.439			1.7	292	15
20/02/24 22:40	0.706	12.556	13.262	0.354			1.0	267	25
20/02/24 22:45	0.682	14.184	14.867	0.385			2.4	244	07
20/02/24 22:50	0.805	15.334	16.139	0.411			2.1	239	10
20/02/24 22:55	2.623	24.169	26.792	0.486			1.5	254	23
20/02/24 23:00	2.245	16.752	18.997	0.389			2.2	279	11
20/02/24 23:05	0.415	15.435	15.850	0.346			1.7	279	13
20/02/24 23:10	0.126	14.600	14.726	0.310			2.3	265	10
20/02/24 23:15	0.199	15.205	15.405	0.310			2.7	264	05
20/02/24 23:20	0.437	16.783	17.220	0.363			2.1	275	11
20/02/24 23:25	0.613	18.019	18.632	0.406			1.3	291	15
20/02/24 23:30	0.477	17.615	18.092	0.341			1.7	288	10
20/02/24 23:35	0.429	17.326	17.756	0.218			2.3	292	10
20/02/24 23:40	0.495	17.398	17.893	0.215			1.3	290	15
20/02/24 23:45	0.454	17.281	17.735	0.265			1.0	285	16
20/02/24 23:50	0.481	17.751	18.232				1.6	296	18
20/02/24 23:55	0.418	18.361	18.779				1.8	284	15
21/02/24 00:00	0.322	18.526	18.847	0.760			1.6	289	18
21/02/24 00:05	0.199	17.830	18.028	0.693			1.2	282	18
21/02/24 00:10	0.232	17.106	17.337	0.749			1.4	290	16
21/02/24 00:15	0.278	16.507	16.785	0.686			2.1	282	12
21/02/24 00:20	0.265	15.408	15.673	0.676			1.9	289	14
21/02/24 00:25	0.362	13.339	13.701	0.718			1.7	284	14
21/02/24 00:30	0.317	11.560	11.877	0.776			1.3	300	16
21/02/24 00:35	0.156	10.814	10.970	0.747			1.7	296	16
21/02/24 00:40	0.057	10.966	11.022	0.710			0.8	343	40
21/02/24 00:45	0.036	11.374	11.409	0.747			0.7	349	26
21/02/24 00:50	0.021	12.336	12.357	0.745			0.4	330	55
21/02/24 00:55	0.040	13.543	13.583	0.744			0.8	287	25
21/02/24 01:00	0.073	14.457	14.530	0.800			0.7	352	30
21/02/24 01:05							0.6	354	37
21/02/24 01:10							0.7	338	34
21/02/24 01:15							1.0	359	25
21/02/24 01:20							0.9	2	34
21/02/24 01:25							1.3	2	23
21/02/24 01:30							0.6	292	37
21/02/24 01:35							1.2	296	19
21/02/24 01:40							1.6	298	12
21/02/24 01:45							1.4	295	13
21/02/24 01:50							1.1	314	23
21/02/24 01:55							0.2	297	56
21/02/24 02:00							0.4	356	48
21/02/24 02:05	0.243	17.164	17.406	0.897			0.1	231	88
21/02/24 02:10	0.340	17.784	18.124	0.921			0.2	255	40
21/02/24 02:15	0.408	18.035	18.443	0.874			0.3	270	09
21/02/24 02:20	0.503	18.225	18.728	0.857			0.6	267	07
21/02/24 02:25	0.585	18.271	18.856	0.791			0.2	305	45
21/02/24 02:30	0.564	18.425	18.990	0.767			0.4	78	32
21/02/24 02:35	0.587	18.796	19.383	0.823			1.0	88	05
21/02/24 02:40	0.612	18.997	19.608	0.813			0.5	86	11
21/02/24 02:45	0.511	18.957	19.469	0.669			0.2	48	25
21/02/24 02:50	0.416	18.909	19.325	0.615			0.2	1	22
21/02/24 02:55	0.409	18.852	19.261	0.554			0.3	14	12
21/02/24 03:00	0.449	18.951	19.400	0.645			0.7	36	09
21/02/24 03:05	0.825	19.158	19.983	0.709			0.9	33	05
21/02/24 03:10	0.884	18.798	19.683	0.877			0.8	21	10
21/02/24 03:15	0.888	18.043	18.931	1.028			0.7	15	18
21/02/24 03:20	0.786	17.276	18.062	0.894			0.6	26	28
21/02/24 03:25	0.980	17.642	18.622	0.860			0.8	357	23
21/02/24 03:30	1.936	18.890	20.826	0.871			0.8	355	33
21/02/24 03:35	2.900	20.814	23.714	0.847			0.8	343	28
21/02/24 03:40	2.613	21.381	23.995	0.778			0.9	350	23
21/02/24 03:45	1.878	20.829	22.707	0.748			1.3	319	17
21/02/24 03:50	2.092	21.553	23.645	0.659			1.2	313	18
21/02/24 03:55	3.103	24.582	27.685	0.709			1.1	344	28
21/02/24 04:00	4.641	28.753	33.394	0.720			0.6	313	23
21/02/24 04:05	7.299	29.116	36.415	0.847			0.7	6	34
21/02/24 04:10	10.834	27.124	37.957	0.878			0.5	37	24
21/02/24 04:15	11.246	27.025	38.271	0.930			0.7	59	12
21/02/24 04:20	9.583	27.014	36.597	0.963			0.7	80	16
21/02/24 04:25	6.744	26.187	32.931	0.932			1.1	109	17
21/02/24 04:30	3.361	21.819	25.180	0.964			0.7	125	17
21/02/24 04:35	1.401	20.722	22.124	0.884			0.8	112	28
21/02/24 04:40	0.737	18.496	19.233	0.793			0.7	126	15
21/02/24 04:45	0.447	17.536	17.983	0.836			0.4	175	27
21/02/24 04:50	0.427	16.994	17.421	0.862			0.3	158	27
21/02/24 04:55	0.312	16.075	16.387	0.758			0.5	140	15
21/02/24 05:00	0.218	14.757	14.975	0.746			0.5	146	30
21/02/24 05:05	0.281	14.046	14.327	0.771			0.4	110	39
21/02/24 05:10	0.151	13.642	13.793	0.788			0.8	137	11
21/02/24 05:15	0.053	13.263	13.316	0.797			0.6	132	10
21/02/24 05:20	0.074	13.069	13.143	0.855			0.3	91	24

Station Pier Ambient Air Quality Monitoring

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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/02/24 05:25	0.090	13.089	13.179	0.824			0.3	227	18
21/02/24 05:30	0.109	12.967	13.076	0.684			0.5	224	12
21/02/24 05:35	0.179	13.056	13.235	0.696			0.7	233	05
21/02/24 05:40	0.271	13.460	13.732	0.559			0.9	242	07
21/02/24 05:45	0.252	13.874	14.126	0.714			0.5	224	26
21/02/24 05:50	0.381	16.856	17.236	0.731			0.6	310	41
21/02/24 05:55	1.655	33.307	34.962	0.935			1.0	323	32
21/02/24 06:00	5.819	33.923	39.743	1.054			0.9	339	38
21/02/24 06:05	9.042	31.683	40.725	1.016			1.0	315	25
21/02/24 06:10	11.629	30.721	42.350	0.943			1.2	313	21
21/02/24 06:15	12.845	31.233	44.078	1.067			1.3	340	36
21/02/24 06:20	11.414	31.680	43.094	1.105			1.6	338	22
21/02/24 06:25	10.340	31.681	42.022	1.116			1.7	1	23
21/02/24 06:30	9.552	31.154	40.706	1.026			1.5	6	22
21/02/24 06:35	8.803	30.430	39.233	1.042			1.9	6	23
21/02/24 06:40	8.207	29.497	37.704	0.934			1.4	13	29
21/02/24 06:45	8.169	29.238	37.407	0.946			1.8	11	20
21/02/24 06:50	8.712	29.413	38.124	1.093			2.2	18	18
21/02/24 06:55	8.989	29.287	38.276	1.056			1.9	2	22
21/02/24 07:00	8.185	27.938	36.122	0.925			2.1	2	24
21/02/24 07:05	6.752	17.330	24.082	0.960			2.8	4	25
21/02/24 07:10	3.180	15.543	18.722	0.901			2.7	6	23
21/02/24 07:15	2.691	15.898	18.589	0.906			2.6	4	26
21/02/24 07:20	2.774	15.982	18.755	0.994			2.8	11	18
21/02/24 07:25	2.738	15.961	18.699	1.004			2.5	13	18
21/02/24 07:30	2.790	15.706	18.496	1.111			2.1	15	26
21/02/24 07:35	3.042	15.336	18.378	1.061			2.0	12	21
21/02/24 07:40	3.413	14.985	18.399	0.996			2.2	10	23
21/02/24 07:45	3.845	14.787	18.631	0.880			2.2	360	31
21/02/24 07:50	3.834	14.210	18.045	0.861			2.3	355	22
21/02/24 07:55	4.022	13.964	17.987	0.848			2.2	3	31
21/02/24 08:00	4.351	13.838	18.189	0.686			2.5	24	15
21/02/24 08:05	4.715	13.529	18.244	0.661			2.0	13	22
21/02/24 08:10	4.986	13.395	18.381	0.754			2.3	14	28
21/02/24 08:15	4.653	12.680	17.333	0.684			2.7	360	30
21/02/24 08:20	4.249	11.193	15.442	0.704			2.4	24	26
21/02/24 08:25	4.256	10.961	15.217	0.642			2.8	31	19
21/02/24 08:30	4.554	12.141	16.694	0.657			2.7	32	22
21/02/24 08:35	4.579	11.858	16.438	0.603			1.9	26	22
21/02/24 08:40	4.507	11.596	16.103	0.635			2.0	333	38
21/02/24 08:45	4.073	10.194	14.267	0.752			2.8	352	32
21/02/24 08:50	3.698	9.594	13.292	0.743			2.4	4	33
21/02/24 08:55	3.652	9.699	13.350	0.742			2.2	9	31
21/02/24 09:00	3.782	10.216	13.999	0.718			2.0	16	32
21/02/24 09:05	3.563	9.232	12.795	0.659			3.3	16	20
21/02/24 09:10	3.673	9.564	13.236	0.707			4.0	15	17
21/02/24 09:15	3.589	9.337	12.926	0.794			3.0	350	32
21/02/24 09:20	3.312	8.870	12.182	0.903			3.1	12	21
21/02/24 09:25	3.047	8.577	11.624	0.804			3.1	354	26
21/02/24 09:30	2.939	8.546	11.484	0.598			2.8	355	25
21/02/24 09:35	2.873	8.457	11.330	0.639			4.4	10	17
21/02/24 09:40	2.833	8.391	11.223	0.562			3.7	4	21
21/02/24 09:45	2.827	8.459	11.286	0.585			2.7	342	31
21/02/24 09:50	2.731	8.285	11.016	0.536			2.7	336	33
21/02/24 09:55	2.555	7.755	10.310	0.525			2.5	347	29
21/02/24 10:00	2.451	7.407	9.857	0.547			3.0	351	29
21/02/24 10:05	2.366	7.414	9.781	0.563			2.6	338	37
21/02/24 10:10	2.254	7.305	9.559	0.651			3.7	337	24
21/02/24 10:15	2.042	6.688	8.730	0.652			4.1	354	25
21/02/24 10:20	2.002	6.512	8.514	0.514			2.8	352	38
21/02/24 10:25	1.972	6.347	8.319	0.544			3.3	304	18
21/02/24 10:30	1.994	6.294	8.288	0.489			2.7	357	31
21/02/24 10:35	2.043	6.318	8.361	0.604			3.0	352	38
21/02/24 10:40	1.999	6.110	8.109	0.632			2.7	335	34
21/02/24 10:45	1.750	5.593	7.343	0.561			4.0	359	24
21/02/24 10:50	1.467	5.553	7.020	0.527			3.7	8	24
21/02/24 10:55	1.390	5.537	6.927	0.559			3.1	347	35
21/02/24 11:00	1.330	5.234	6.564	0.539			3.3	339	33
21/02/24 11:05	1.210	4.898	6.108	0.695			3.4	356	35
21/02/24 11:10	1.150	4.664	5.814	0.734			3.9	2	24
21/02/24 11:15	1.152	4.675	5.826	0.630			2.5	333	38
21/02/24 11:20	1.102	4.642	5.744	0.600			1.9	357	44
21/02/24 11:25	1.108	4.857	5.964	0.575			3.9	3	21
21/02/24 11:30	1.038	4.772	5.809	0.609			3.0	335	31
21/02/24 11:35	1.087	4.572	5.659	0.577			3.7	22	28
21/02/24 11:40	1.121	4.635	5.756	0.654			3.4	25	23
21/02/24 11:45	1.023	4.851	5.874	0.686			3.0	20	18
21/02/24 11:50	1.001	4.884	5.885	0.547			3.4	26	21
21/02/24 11:55	1.570	5.023	6.593	0.570			3.5	14	17
21/02/24 12:00	1.907	4.867	6.774	0.607			2.8	355	26
21/02/24 12:05	1.497	4.770	6.267	0.611			3.0	1	30
21/02/24 12:10	1.470	4.864	6.334	0.533			3.9	14	21
21/02/24 12:15	1.333	4.802	6.136	0.582			2.6	34	20
21/02/24 12:20	1.224	4.929	6.153	0.589			3.5	30	19
21/02/24 12:25	1.285	5.123	6.408	0.646			2.3	2	34
21/02/24 12:30	1.153	5.108	6.261	0.604			3.2	33	18
21/02/24 12:35	1.188	5.178	6.366	0.472			2.7	21	23
21/02/24 12:40	1.293	5.175	6.468	0.459			2.6	360	47
21/02/24 12:45	1.347	5.238	6.586	0.441			2.3	317	33
21/02/24 12:50	1.381	5.221	6.603	0.593			2.4	306	30
21/02/24 12:55	1.219	4.892	6.111	0.592			2.7	289	19
21/02/24 13:00	1.033	4.569	5.602	0.641			2.9	298	18
21/02/24 13:05	0.811	4.084	4.895	0.659			2.4	310	16
21/02/24 13:10	0.826	3.967	4.793	0.588			2.5	350	40
21/02/24 13:15	0.926	4.023	4.949	0.649			2.3	324	22
21/02/24 13:20	0.919	4.071	4.989	0.585			2.6	15	30
21/02/24 13:25	0.924	4.207	5.131	0.333			2.8	35	23
21/02/24 13:30	1.092	4.257	5.348	0.254			1.1	12	56
21/02/24 13:35	1.230	4.213	5.442	0.240			3.0	287	16
21/02/24 13:40	1.074	3.971	5.046	0.305			2.3	314	28
21/02/24 13:45	0.961	3.745	4.706	0.396			2.0	344	33
21/02/24 13:50	0.886	3.535	4.421	0.401			2.5	24	23
21/02/24 13:55	0.909	3.691	4.600	0.533			2.9	17	16
21/02/24 14:00	1.022	4.084	5.106	0.487			2.1	6	25

Station Pier Ambient Air Quality Monitoring
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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/02/24 14:05	1.148	4.551	5.699	0.597			2.0	328	34
21/02/24 14:10	0.967	4.322	5.289	0.661			1.5	344	45
21/02/24 14:15	1.160	4.170	5.331	0.622			3.9	42	16
21/02/24 14:20	1.257	3.811	5.068	0.547			4.0	35	10
21/02/24 14:25	1.308	3.707	5.015	0.596			2.0	327	46
21/02/24 14:30	1.143	3.888	5.031	0.714			2.6	301	12
21/02/24 14:35	0.987	4.102	5.088	0.702			1.6	312	42
21/02/24 14:40	0.815	3.953	4.768	0.581			3.1	25	23
21/02/24 14:45	0.806	4.201	5.007	0.529			2.4	24	18
21/02/24 14:50	0.872	4.353	5.225	0.418			2.8	19	23
21/02/24 14:55	0.767	4.247	5.014	0.363			2.4	23	39
21/02/24 15:00	0.785	4.271	5.056	0.445			2.6	312	23
21/02/24 15:05	0.819	4.490	5.308	0.445			1.4	331	37
21/02/24 15:10	0.836	4.804	5.640	0.273			2.4	8	31
21/02/24 15:15	0.872	4.564	5.436	0.207			2.6	20	41
21/02/24 15:20	0.765	4.393	5.158	0.191			1.7	53	22
21/02/24 15:25	0.687	4.548	5.236	0.091			3.2	10	33
21/02/24 15:30	0.594	4.668	5.262	0.093			3.8	38	20
21/02/24 15:35	0.551	5.141	5.692	0.142			4.4	47	18
21/02/24 15:40	0.670	5.946	6.616	0.178			3.2	20	18
21/02/24 15:45	0.605	5.973	6.578	0.147			3.8	14	21
21/02/24 15:50	0.739	5.988	6.728	0.355			3.9	27	22
21/02/24 15:55	0.628	5.941	6.569	0.308			2.3	46	23
21/02/24 16:00	0.605	6.093	6.698	0.280			3.4	31	21
21/02/24 16:05	0.575	6.206	6.781	0.346			3.5	22	17
21/02/24 16:10	0.615	5.821	6.435	0.344			4.2	36	18
21/02/24 16:15	0.626	6.175	6.801	0.419			2.8	14	23
21/02/24 16:20	0.690	6.401	7.090	0.433			3.3	25	22
21/02/24 16:25	0.645	6.206	6.851	0.254			3.3	38	15
21/02/24 16:30	0.561	6.063	6.624	0.168			3.5	32	14
21/02/24 16:35	0.363	6.273	6.636	0.204			3.0	29	21
21/02/24 16:40	0.346	6.695	7.041	0.171			3.0	45	15
21/02/24 16:45	0.420	7.121	7.541	0.268			4.2	39	13
21/02/24 16:50	0.421	6.457	6.879	0.223			3.3	51	19
21/02/24 16:55	0.348	5.770	6.118	0.243			3.5	40	18
21/02/24 17:00	0.424	5.269	5.693	0.189			2.9	37	27
21/02/24 17:05	0.550	5.660	6.210	0.147			3.6	31	16
21/02/24 17:10	0.689	6.176	6.865	0.089			3.6	35	15
21/02/24 17:15	0.949	6.630	7.580	0.088			4.0	34	19
21/02/24 17:20	1.003	6.282	7.286	0.099			2.7	28	17
21/02/24 17:25	0.838	5.977	6.815	0.134			3.4	15	20
21/02/24 17:30	0.769	6.007	6.776	0.105			2.3	6	29
21/02/24 17:35	0.773	5.760	6.533	0.140			2.5	5	22
21/02/24 17:40	0.841	5.696	6.537	-0.038			2.1	16	29
21/02/24 17:45	0.791	6.076	6.867	-0.102			2.7	22	27
21/02/24 17:50	0.731	6.023	6.754	0.058			2.6	25	21
21/02/24 17:55	0.794	6.117	6.911	0.021			2.9	33	16
21/02/24 18:00	0.771	6.712	7.483	0.070			3.5	25	14
21/02/24 18:05	0.745	6.624	7.369	0.180			2.6	13	25
21/02/24 18:10	0.827	6.322	7.149	0.239			2.8	26	18
21/02/24 18:15	0.667	5.758	6.425	0.310			2.7	39	20
21/02/24 18:20	0.642	5.670	6.312	0.268			2.9	32	16
21/02/24 18:25	0.588	5.661	6.249	0.211			2.8	40	13
21/02/24 18:30	0.448	5.546	5.994	0.112			3.1	40	13
21/02/24 18:35	0.445	5.662	6.108	0.067			1.8	27	18
21/02/24 18:40	0.291	6.309	6.600	0.179			2.5	35	14
21/02/24 18:45	0.330	6.645	6.974	0.229			3.0	38	14
21/02/24 18:50	0.226	6.473	6.699	0.255			2.1	27	14
21/02/24 18:55	0.105	6.208	6.313	0.473			3.0	32	16
21/02/24 19:00	0.178	5.752	5.930	0.492			2.6	33	15
21/02/24 19:05	0.228	5.756	5.983	0.499			3.2	31	17
21/02/24 19:10	0.287	5.797	6.083	0.277			3.3	34	11
21/02/24 19:15	0.400	6.187	6.586	0.212			2.5	25	19
21/02/24 19:20	0.374	6.630	7.004	0.169			2.5	28	15
21/02/24 19:25	0.319	7.150	7.469	0.421			2.0	30	19
21/02/24 19:30	0.395	7.674	8.069	0.564			2.4	29	17
21/02/24 19:35	0.392	8.089	8.481	0.488			1.9	32	18
21/02/24 19:40	0.355	8.685	9.040	0.354			2.7	39	14
21/02/24 19:45	0.281	8.686	8.968	0.266			2.8	42	15
21/02/24 19:50	0.223	8.576	8.799	0.193			3.1	47	10
21/02/24 19:55	0.207	8.343	8.550	0.118			2.9	42	12
21/02/24 20:00	0.201	8.606	8.807	0.151			3.1	37	16
21/02/24 20:05	0.152	8.435	8.586	0.202			2.7	44	15
21/02/24 20:10	0.138	8.191	8.329	0.119			2.8	40	12
21/02/24 20:15	0.166	8.093	8.259	0.202			2.6	36	13
21/02/24 20:20	0.316	8.326	8.641	0.190			2.5	37	11
21/02/24 20:25	0.344	8.375	8.719	0.206			2.4	37	13
21/02/24 20:30	0.571	8.481	9.052	0.174			2.7	40	12
21/02/24 20:35	0.603	8.416	9.019	0.389			3.3	42	15
21/02/24 20:40	0.373	7.987	8.360	0.276			2.5	39	18
21/02/24 20:45	0.141	8.107	8.247	0.245			2.4	37	19
21/02/24 20:50	0.076	8.213	8.289	0.240			2.4	38	16
21/02/24 20:55	0.153	8.263	8.416	0.265			2.6	38	15
21/02/24 21:00	0.184	8.177	8.360	0.295			2.8	37	16
21/02/24 21:05	0.260	8.073	8.333	0.306			3.1	38	14
21/02/24 21:10	0.301	8.100	8.401	0.254			2.4	36	11
21/02/24 21:15	0.366	8.315	8.681	0.258			3.0	36	14
21/02/24 21:20	0.299	8.047	8.345	0.284			3.4	44	12
21/02/24 21:25	0.168	7.573	7.740	0.323			3.8	49	14
21/02/24 21:30	0.026	7.093	7.118	0.334			3.8	42	14
21/02/24 21:35	0.000	6.685	6.685	0.328			3.4	40	14
21/02/24 21:40	0.035	6.387	6.423	0.244			2.9	41	15
21/02/24 21:45	0.003	6.438	6.441	0.198			2.6	31	14
21/02/24 21:50	-0.037	6.597	6.560	0.283			2.4	34	16
21/02/24 21:55	0.017	6.818	6.834	0.275			2.4	32	16
21/02/24 22:00	0.149	7.031	7.180	0.269			3.1	30	16
21/02/24 22:05	0.245	7.124	7.370	0.178			2.4	34	15
21/02/24 22:10	0.322	7.360	7.682	0.090			2.2	21	24
21/02/24 22:15	0.364	7.195	7.559	0.214			2.9	39	14
21/02/24 22:20	0.452	7.281	7.733	0.220			2.0	35	17
21/02/24 22:25	0.301	7.419	7.720	0.279			2.2	15	23
21/02/24 22:30	0.308	6.837	7.146	0.210			2.3	25	17
21/02/24 22:35	0.338	6.421	6.759	0.229			2.3	8	19
21/02/24 22:40	0.270	6.118	6.388	0.238			2.5	9	22

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/02/24 22:45	0.255	6.029	6.284	0.245			2.5	4	23
21/02/24 22:50	0.349	6.415	6.764	0.280			2.4	2	15
21/02/24 22:55	0.316	7.043	7.359	0.243			2.5	5	18
21/02/24 23:00	0.171	7.456	7.627	0.221			2.5	6	13
21/02/24 23:05	0.209	7.671	7.880	0.182			2.5	9	19
21/02/24 23:10	0.399	7.902	8.301	0.255			2.9	12	14
21/02/24 23:15	0.247	7.907	8.154	0.258			3.2	13	19
21/02/24 23:20	0.210	7.790	8.000	0.254			3.2	7	14
21/02/24 23:25	0.164	7.339	7.503	0.234			3.4	11	15
21/02/24 23:30	0.092	6.812	6.903	0.202			3.4	9	20
21/02/24 23:35	0.069	6.462	6.530	0.208			2.7	12	17
21/02/24 23:40	0.284	6.547	6.831	0.205			2.8	14	17
21/02/24 23:45	0.227	6.287	6.514	0.160			3.1	11	17
21/02/24 23:50	0.200	6.154	6.354				2.8	9	20
21/02/24 23:55	0.128	6.243	6.371				2.3	11	18
22/02/24 00:00	0.115	6.267	6.383	0.263			2.6	19	16
22/02/24 00:05	0.143	6.277	6.420	0.388			2.9	20	18
22/02/24 00:10	0.142	6.271	6.413	0.392			2.7	10	16
22/02/24 00:15	0.136	6.337	6.473	0.401			2.0	16	19
22/02/24 00:20	0.103	6.514	6.617	0.421			2.2	9	29
22/02/24 00:25	0.083	6.463	6.546	0.470			2.5	6	18
22/02/24 00:30	0.105	6.411	6.517	0.475			2.1	8	21
22/02/24 00:35	0.130	6.364	6.495	0.299			2.4	5	18
22/02/24 00:40	0.199	6.409	6.608	0.283			3.1	11	16
22/02/24 00:45	0.123	6.422	6.546	0.368			2.4	16	22
22/02/24 00:50	0.142	6.373	6.515	0.400			2.4	21	14
22/02/24 00:55	0.277	6.434	6.711	0.445			2.2	20	12
22/02/24 01:00	0.513	7.324	7.837	0.436			1.3	24	21
22/02/24 01:05							1.5	36	16
22/02/24 01:10							1.0	44	22
22/02/24 01:15							0.9	56	37
22/02/24 01:20							1.2	50	14
22/02/24 01:25							1.2	28	17
22/02/24 01:30							1.3	31	20
22/02/24 01:35							1.1	34	16
22/02/24 01:40							1.2	25	14
22/02/24 01:45							1.0	29	23
22/02/24 01:50							1.2	38	15
22/02/24 01:55							1.1	18	24
22/02/24 02:00							1.8	23	18
22/02/24 02:05	0.345	7.876	8.222	0.580			1.5	27	22
22/02/24 02:10	0.337	7.925	8.262	0.641			1.5	22	20
22/02/24 02:15	0.376	7.706	8.082	0.593			1.4	23	24
22/02/24 02:20	0.384	7.501	7.885	0.485			1.6	20	19
22/02/24 02:25	0.339	7.364	7.703	0.634			1.1	21	29
22/02/24 02:30	0.243	7.380	7.623	0.527			1.1	13	25
22/02/24 02:35	0.165	7.384	7.549	0.473			1.1	25	29
22/02/24 02:40	0.159	7.516	7.674	0.411			1.6	19	17
22/02/24 02:45	0.188	7.499	7.687	0.457			1.4	20	20
22/02/24 02:50	0.246	7.683	7.929	0.507			1.6	17	19
22/02/24 02:55	0.257	7.846	8.103	0.437			1.7	18	17
22/02/24 03:00	0.185	7.921	8.105	0.406			1.7	12	20
22/02/24 03:05	0.258	7.786	8.044	0.391			1.8	8	22
22/02/24 03:10	0.242	7.559	7.801	0.400			2.4	6	17
22/02/24 03:15	0.163	7.329	7.491	0.407			3.0	358	16
22/02/24 03:20	0.196	7.081	7.277	0.408			2.8	5	16
22/02/24 03:25	0.278	7.079	7.357	0.379			3.3	4	19
22/02/24 03:30	0.333	7.285	7.618	0.335			2.7	1	26
22/02/24 03:35	0.379	7.431	7.810	0.349			3.5	3	16
22/02/24 03:40	0.401	7.669	8.070	0.493			3.5	9	16
22/02/24 03:45	0.419	8.053	8.472	0.578			3.1	11	15
22/02/24 03:50	0.402	8.458	8.861	0.682			3.5	10	15
22/02/24 03:55	0.344	8.841	9.184	0.695			3.3	9	23
22/02/24 04:00	0.214	9.026	9.240	0.596			4.7	18	14
22/02/24 04:05	0.159	9.010	9.169	0.577			3.7	10	16
22/02/24 04:10	0.129	9.022	9.150	0.587			4.1	15	14
22/02/24 04:15	0.091	8.892	8.983	0.617			4.2	12	16
22/02/24 04:20	-0.057	8.643	8.586	0.546			3.4	13	17
22/02/24 04:25	-0.035	8.510	8.476	0.541			3.3	16	15
22/02/24 04:30	0.004	8.615	8.619	0.259			3.6	15	17
22/02/24 04:35	0.048	8.574	8.622	0.389			3.0	16	20
22/02/24 04:40	0.077	8.468	8.545	0.507			3.6	20	12
22/02/24 04:45	0.082	8.262	8.344	0.563			4.4	13	13
22/02/24 04:50	0.134	8.255	8.389	0.647			3.9	13	13
22/02/24 04:55	0.107	8.469	8.576	0.703			3.6	11	16
22/02/24 05:00	0.108	8.613	8.722	0.602			3.5	17	19
22/02/24 05:05	0.159	8.799	8.959	0.556			3.5	16	19
22/02/24 05:10	0.121	8.889	9.010	0.460			4.0	14	23
22/02/24 05:15	0.121	8.949	9.070	0.362			3.7	19	21
22/02/24 05:20	0.029	9.108	9.137	0.281			4.3	16	15
22/02/24 05:25	0.003	9.155	9.158	0.257			3.6	17	22
22/02/24 05:30	0.011	9.680	9.691	0.352			3.0	10	22
22/02/24 05:35	0.209	10.214	10.424	0.366			2.8	5	25
22/02/24 05:40	0.393	10.894	11.287	0.381			3.8	13	15
22/02/24 05:45	0.508	11.806	12.314	0.394			3.7	19	15
22/02/24 05:50	0.474	12.416	12.890	0.529			3.6	14	17
22/02/24 05:55	0.458	12.803	13.261	0.440			3.7	21	22
22/02/24 06:00	0.607	13.413	14.021	0.333			3.9	28	15
22/02/24 06:05	0.723	13.885	14.608	0.354			3.9	21	18
22/02/24 06:10	0.890	14.296	15.186	0.460			3.7	28	17
22/02/24 06:15	1.064	14.578	15.641	0.496			5.0	28	14
22/02/24 06:20	1.175	14.430	15.606	0.521			3.8	15	22
22/02/24 06:25	1.350	14.549	15.898	0.465			3.8	13	17
22/02/24 06:30	1.546	14.713	16.260	0.532			4.2	12	17
22/02/24 06:35	1.892	14.933	16.825	0.503			3.7	12	20
22/02/24 06:40	2.516	14.804	17.321	0.568			4.8	21	17
22/02/24 06:45	3.133	14.251	17.385	0.602			4.7	18	16
22/02/24 06:50	3.934	14.506	18.440	0.608			4.7	19	20
22/02/24 06:55	3.569	14.141	17.710	0.572			4.3	15	15
22/02/24 07:00	3.353	14.141	17.494	0.453			4.3	18	16
22/02/24 07:05	3.522	14.340	17.863	0.515			3.3	15	27
22/02/24 07:10	3.857	14.520	18.377	0.586			4.3	15	15
22/02/24 07:15	4.182	14.284	18.466	0.406			4.3	14	16
22/02/24 07:20	4.390	13.980	18.370	0.243			4.2	19	20

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/02/24 07:25	4.736	13.836	18.572	0.212			2.9	7	31
22/02/24 07:30	5.238	13.713	18.950	0.321			4.1	21	21
22/02/24 07:35	5.310	13.428	18.738	0.302			4.2	10	27
22/02/24 07:40	5.008	12.709	17.717	0.336			4.3	6	18
22/02/24 07:45	4.876	11.953	16.829	0.365			5.1	12	17
22/02/24 07:50	4.735	11.386	16.121	0.363			3.9	13	17
22/02/24 07:55	4.720	11.195	15.916	0.339			3.8	22	22
22/02/24 08:00	4.644	10.803	15.446	0.247			4.2	17	20
22/02/24 08:05	4.381	10.414	14.796	0.428			4.2	11	16
22/02/24 08:10	4.612	10.101	14.713	0.493			4.4	14	18
22/02/24 08:15	4.328	8.638	12.966	0.300			3.5	10	20
22/02/24 08:20	4.168	9.102	13.270	0.274			4.3	13	19
22/02/24 08:25	4.111	10.322	14.432	0.498			3.0	18	25
22/02/24 08:30	4.081	10.483	14.564	0.516			3.9	9	25
22/02/24 08:35	4.365	11.274	15.639	0.652			3.5	1	27
22/02/24 08:40	4.245	10.513	14.759	0.563			3.9	12	22
22/02/24 08:45	4.335	10.822	15.156	0.506			4.9	356	26
22/02/24 08:50	4.112	10.118	14.230	0.493			4.5	0	27
22/02/24 08:55	4.059	10.184	14.243	0.413			3.6	5	23
22/02/24 09:00	4.406	10.414	14.820	0.441			4.6	18	15
22/02/24 09:05	4.439	10.159	14.598	0.553			3.7	2	29
22/02/24 09:10	4.367	10.345	14.712	0.541			4.7	7	22
22/02/24 09:15	4.139	10.232	14.371	0.532			3.8	358	28
22/02/24 09:20	3.912	10.193	14.105	0.380			3.7	355	33
22/02/24 09:25	3.981	9.902	13.883	0.294			4.6	4	29
22/02/24 09:30	3.593	8.753	12.346	0.389			3.9	358	22
22/02/24 09:35	3.495	8.437	11.933	0.307			4.0	343	26
22/02/24 09:40	3.539	8.608	12.147	0.228			4.3	9	23
22/02/24 09:45	3.430	8.221	11.651	0.328			4.4	8	22
22/02/24 09:50	4.057	8.673	12.730	0.308			3.5	10	21
22/02/24 09:55	4.030	9.252	13.282	0.214			5.6	7	22
22/02/24 10:00	3.669	8.501	12.170	0.231			5.4	7	23
22/02/24 10:05	3.338	8.308	11.646	0.233			4.8	9	23
22/02/24 10:10	3.514	8.441	11.955	0.377			5.9	3	22
22/02/24 10:15	3.335	8.082	11.417	0.415			5.4	8	20
22/02/24 10:20	3.302	8.171	11.473	0.349			5.7	13	17
22/02/24 10:25	2.928	8.113	11.041	0.390			5.1	13	21
22/02/24 10:30	2.692	8.151	10.844	0.366			4.6	6	28
22/02/24 10:35	2.826	8.511	11.337	0.356			5.8	7	21
22/02/24 10:40	2.738	7.663	10.401	0.449			4.8	352	23
22/02/24 10:45	2.604	8.137	10.741	0.533			5.2	10	24
22/02/24 10:50	2.592	7.949	10.541	0.732			6.3	26	18
22/02/24 10:55	2.599	7.596	10.195	0.662			5.3	5	20
22/02/24 11:00	2.490	7.558	10.048	0.407			4.3	345	33
22/02/24 11:05	2.368	7.618	9.985	0.370			5.8	11	22
22/02/24 11:10	2.234	7.255	9.489	0.341			5.3	12	23
22/02/24 11:15	2.245	6.980	9.225	0.432			3.8	349	34
22/02/24 11:20	3.195	7.223	10.418	0.455			4.7	359	25
22/02/24 11:25	2.212	7.736	9.948	0.427			5.5	10	20
22/02/24 11:30	2.214	7.065	9.280	0.532			5.7	8	23
22/02/24 11:35	2.141	7.130	9.271	0.454			5.7	16	20
22/02/24 11:40	2.058	6.727	8.785	0.349			6.3	14	21
22/02/24 11:45	2.152	6.729	8.881	0.301			4.6	5	32
22/02/24 11:50	2.016	6.513	8.529	0.224			6.8	10	16
22/02/24 11:55	1.901	6.099	8.000	0.032			5.6	14	21
22/02/24 12:00	1.835	5.916	7.751	0.151			5.2	13	22
22/02/24 12:05	1.804	5.720	7.524	0.235			6.2	17	17
22/02/24 12:10	1.879	6.046	7.925	0.305			5.6	25	19
22/02/24 12:15	1.872	6.354	8.225	0.451			4.1	10	25
22/02/24 12:20	1.892	6.759	8.651	0.195			4.5	2	28
22/02/24 12:25	1.810	6.956	8.766	0.231			5.3	21	16
22/02/24 12:30	1.863	6.813	8.677	0.216			5.5	12	20
22/02/24 12:35	2.531	6.999	9.530	0.232			5.0	9	22
22/02/24 12:40	2.515	6.925	9.441	0.326			5.4	11	18
22/02/24 12:45	2.218	6.454	8.672	0.454			5.5	12	22
22/02/24 12:50	2.133	6.317	8.450	0.398			6.0	17	16
22/02/24 12:55	2.192	6.360	8.551	0.310			5.6	10	21
22/02/24 13:00	2.215	6.705	8.920	0.317			5.5	5	23
22/02/24 13:05	2.156	6.936	9.092	0.386			5.8	359	24
22/02/24 13:10	2.029	6.769	8.798	0.388			6.2	8	23
22/02/24 13:15	1.863	6.544	8.407	0.494			5.0	2	25
22/02/24 13:20	1.790	6.639	8.429	0.418			4.2	10	29
22/02/24 13:25	1.780	6.887	8.667	0.201			2.9	359	35
22/02/24 13:30	1.945	7.312	9.258	0.262			4.4	7	25
22/02/24 13:35	1.918	7.653	9.571	0.367			4.6	357	26
22/02/24 13:40	1.765	7.486	9.251	0.408			2.8	341	41
22/02/24 13:45	1.784	7.357	9.141	0.415			3.2	346	32
22/02/24 13:50	1.846	7.593	9.438	0.469			3.2	1	37
22/02/24 13:55	2.004	7.602	9.607	0.428			4.9	346	28
22/02/24 14:00	1.811	6.979	8.790	0.455			5.4	6	21
22/02/24 14:05	1.819	6.685	8.504	0.501			5.8	9	18
22/02/24 14:10	1.781	6.083	7.864	0.542			3.4	4	33
22/02/24 14:15	1.763	6.823	8.586	0.550			4.7	23	22
22/02/24 14:20	1.807	6.767	8.575	0.549			5.4	12	17
22/02/24 14:25	1.488	6.549	8.037	0.406			4.0	4	29
22/02/24 14:30	1.532	7.081	8.614	0.441			3.6	3	33
22/02/24 14:35	1.753	8.670	10.423	0.370			2.6	337	39
22/02/24 14:40	1.847	8.421	10.268	0.358			4.4	3	29
22/02/24 14:45	1.880	8.467	10.347	0.278			3.6	2	34
22/02/24 14:50	1.820	7.732	9.552	0.276			4.4	4	24
22/02/24 14:55	1.708	7.804	9.512	0.476			3.8	11	25
22/02/24 15:00	1.679	8.269	9.948	0.592			4.0	359	27
22/02/24 15:05	1.435	8.527	9.962	0.656			3.5	5	34
22/02/24 15:10	1.334	8.752	10.086	0.633			4.7	13	16
22/02/24 15:15	1.344	8.765	10.109	0.691			4.7	4	24
22/02/24 15:20	1.338	8.489	9.827	0.691			4.6	9	27
22/02/24 15:25	1.166	8.515	9.681	0.740			4.6	23	16
22/02/24 15:30	1.103	8.126	9.229	0.706			6.0	20	17
22/02/24 15:35	0.974	7.525	8.499	0.626			4.2	18	24
22/02/24 15:40	0.999	7.394	8.393	0.735			4.4	19	20
22/02/24 15:45	1.083	7.617	8.700	0.552			4.7	19	17
22/02/24 15:50	1.252	7.717	8.969	0.427			4.7	13	19
22/02/24 15:55	1.388	7.461	8.849	0.456			4.2	17	20
22/02/24 16:00	5.088	8.911	13.999	0.503			4.5	28	20

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/02/24 16:05	0.825	7.058	7.883	0.515			5.4	22	15
22/02/24 16:10	1.268	8.828	10.096	0.490			4.7	27	19
22/02/24 16:15	1.037	8.012	9.049	0.529			5.0	31	18
22/02/24 16:20	0.943	7.898	8.840	0.504			5.3	28	15
22/02/24 16:25	1.036	7.835	8.871	0.456			3.6	19	24
22/02/24 16:30	1.082	8.263	9.345	0.417			3.9	20	23
22/02/24 16:35	0.924	8.542	9.466	0.455			5.2	28	18
22/02/24 16:40	0.683	8.288	8.972	0.506			3.8	23	16
22/02/24 16:45	0.551	8.322	8.873	0.484			3.9	35	20
22/02/24 16:50	0.479	9.053	9.533	0.428			2.8	35	18
22/02/24 16:55	0.445	9.428	9.872	0.425			4.4	37	12
22/02/24 17:00	0.427	9.540	9.967	0.520			4.5	40	17
22/02/24 17:05	0.405	9.657	10.062	0.576			3.3	24	19
22/02/24 17:10	0.555	9.990	10.545	0.588			3.4	34	18
22/02/24 17:15	0.460	10.351	10.810	0.608			2.7	33	18
22/02/24 17:20	0.441	10.676	11.116	0.683			1.8	244	53
22/02/24 17:25	0.427	9.574	10.001	0.677			7.7	210	10
22/02/24 17:30	0.514	6.388	6.902	0.508			6.5	193	10
22/02/24 17:35	0.582	3.002	3.584	0.330			6.2	191	12
22/02/24 17:40	0.563	1.938	2.502	0.298			5.7	210	14
22/02/24 17:45	0.428	1.561	1.989	0.425			5.9	214	18
22/02/24 17:50	0.355	1.685	2.040	0.543			5.6	192	15
22/02/24 17:55	0.311	1.734	2.045	0.505			6.2	199	11
22/02/24 18:00	0.249	1.708	1.957	0.428			8.3	203	05
22/02/24 18:05	0.259	1.620	1.879	0.341			8.3	204	06
22/02/24 18:10	0.191	1.472	1.663	0.427			7.2	201	07
22/02/24 18:15	0.204	1.545	1.750	0.405			5.7	192	09
22/02/24 18:20	0.154	1.450	1.604	0.429			6.3	192	09
22/02/24 18:25	0.106	1.298	1.403	0.424			6.3	190	08
22/02/24 18:30	-0.039	1.208	1.169	0.441			6.6	193	08
22/02/24 18:35	-0.046	1.019	0.972	0.320			5.8	195	09
22/02/24 18:40	-0.081	0.878	0.796	0.266			5.3	191	13
22/02/24 18:45	-0.041	0.846	0.805	0.272			6.1	196	09
22/02/24 18:50	0.196	2.234	2.430	0.289			6.8	194	08
22/02/24 18:55	0.275	3.210	3.485	0.204			7.0	192	09
22/02/24 19:00	0.343	1.772	2.115	0.238			5.8	194	09
22/02/24 19:05	0.361	1.675	2.036	0.212			6.6	195	09
22/02/24 19:10	0.272	1.378	1.650	0.189			7.1	191	10
22/02/24 19:15	0.201	1.084	1.285	0.271			6.9	195	07
22/02/24 19:20	0.204	1.106	1.311	0.271			6.5	192	09
22/02/24 19:25	0.050	1.177	1.227	0.367			5.9	189	10
22/02/24 19:30	-0.066	1.081	1.015	0.290			5.8	189	10
22/02/24 19:35	-0.072	0.955	0.883	0.292			6.2	191	08
22/02/24 19:40	-0.040	0.917	0.877	0.314			6.0	193	08
22/02/24 19:45	0.008	0.867	0.875	0.402			5.6	190	10
22/02/24 19:50	-0.002	0.933	0.932	0.397			5.1	193	08
22/02/24 19:55	0.022	0.853	0.875	0.337			5.0	185	12
22/02/24 20:00	0.017	0.872	0.889	0.273			4.4	188	12
22/02/24 20:05	-0.040	0.924	0.883	0.298			5.0	188	11
22/02/24 20:10	0.080	0.897	0.977	0.204			5.4	189	10
22/02/24 20:15	0.157	1.033	1.190	0.248			4.5	185	13
22/02/24 20:20	0.186	1.225	1.412	0.231			4.3	186	12
22/02/24 20:25	0.192	1.191	1.383	0.300			5.2	186	12
22/02/24 20:30	0.115	1.112	1.227	0.437			5.0	192	08
22/02/24 20:35	0.142	0.978	1.119	0.399			4.8	190	10
22/02/24 20:40	0.488	1.513	2.001	0.374			4.5	188	13
22/02/24 20:45	0.942	3.154	4.096	0.364			4.9	189	10
22/02/24 20:50	1.498	6.946	8.444	0.354			4.1	187	12
22/02/24 20:55	1.307	3.119	4.426	0.329			5.5	190	09
22/02/24 21:00	1.106	3.640	4.746	0.403			5.4	188	10
22/02/24 21:05	0.834	2.486	3.320	0.408			4.5	188	11
22/02/24 21:10	0.724	1.541	2.265	0.352			5.1	192	08
22/02/24 21:15	0.619	1.656	2.275	0.319			4.9	191	10
22/02/24 21:20	0.548	1.828	2.376	0.229			4.2	185	11
22/02/24 21:25	0.473	1.642	2.114	0.186			3.0	173	21
22/02/24 21:30	0.391	1.316	1.707	0.256			4.5	189	11
22/02/24 21:35	0.175	1.244	1.419	0.354			3.4	187	15
22/02/24 21:40	0.224	1.198	1.422	0.255			3.3	184	18
22/02/24 21:45	0.182	1.115	1.297	0.230			3.6	180	16
22/02/24 21:50	0.151	1.043	1.194	0.335			4.1	185	14
22/02/24 21:55	0.162	1.096	1.258	0.240			3.5	182	16
22/02/24 22:00	0.293	0.983	1.276	0.249			3.7	186	14
22/02/24 22:05	0.256	0.950	1.206	0.386			3.7	182	16
22/02/24 22:10	0.284	0.749	1.033	0.427			4.1	187	10
22/02/24 22:15	0.240	0.711	0.951	0.333			3.3	190	12
22/02/24 22:20	0.228	0.630	0.858	0.329			3.9	194	09
22/02/24 22:25	0.157	0.558	0.716	0.324			3.7	183	14
22/02/24 22:30	0.175	0.514	0.689	0.325			2.6	181	17
22/02/24 22:35	0.115	0.499	0.614	0.416			2.7	187	18
22/02/24 22:40	0.124	0.526	0.651	0.386			3.8	187	13
22/02/24 22:45	0.197	0.654	0.852	0.358			3.7	193	11
22/02/24 22:50	0.140	0.794	0.935	0.337			3.9	188	12
22/02/24 22:55	-0.010	0.812	0.802	0.326			3.9	191	09
22/02/24 23:00	0.045	0.963	1.009	0.168			3.9	192	09
22/02/24 23:05	0.097	1.071	1.168	0.046			3.2	186	14
22/02/24 23:10	0.063	1.013	1.076	0.152			4.2	190	11
22/02/24 23:15	0.118	0.944	1.061	0.273			4.4	188	13
22/02/24 23:20	0.141	0.863	1.005	0.253			5.4	198	07
22/02/24 23:25	0.054	0.874	0.928	0.435			5.6	199	04
22/02/24 23:30	-0.134	0.969	0.835	0.363			4.5	191	10
22/02/24 23:35	-0.072	1.097	1.026	0.274			3.3	184	16
22/02/24 23:40	-0.063	1.235	1.171	0.365			3.0	188	13
22/02/24 23:45	-0.145	1.160	1.015	0.354			2.6	181	18
22/02/24 23:50	-0.137	0.979	0.842				2.1	177	28
22/02/24 23:55	-0.109	0.795	0.686				4.0	196	10
23/02/24 00:00	-0.074	0.752	0.679	0.385			4.0	194	09
23/02/24 00:05	-0.071	0.717	0.646	0.349			3.7	190	11
23/02/24 00:10	-0.035	0.652	0.617	0.294			3.3	187	14
23/02/24 00:15	-0.039	0.666	0.627	0.188			4.0	194	16
23/02/24 00:20	0.020	0.716	0.736	0.172			5.0	201	12
23/02/24 00:25	0.002	0.695	0.698	0.211			5.8	205	06
23/02/24 00:30	-0.020	0.651	0.631	0.096			5.2	214	04
23/02/24 00:35	0.109	0.835	0.944	0.207			4.9	225	06
23/02/24 00:40	0.156	0.841	0.997	0.563			4.0	218	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/02/24 00:45	0.211	0.849	1.060	0.587			4.1	223	10
23/02/24 00:50	0.047	0.764	0.811	0.636			6.2	222	07
23/02/24 00:55	-0.021	0.702	0.681	0.415			4.6	222	06
23/02/24 01:00	0.126	1.410	1.535	0.367			4.0	231	08
23/02/24 01:05							4.1	242	10
23/02/24 01:10							4.1	243	07
23/02/24 01:15							4.1	247	10
23/02/24 01:20							5.9	243	08
23/02/24 01:25							5.7	253	07
23/02/24 01:30							6.6	243	07
23/02/24 01:35							7.3	240	05
23/02/24 01:40							7.1	235	07
23/02/24 01:45							7.4	233	05
23/02/24 01:50							7.4	237	06
23/02/24 01:55							7.3	235	07
23/02/24 02:00							6.7	243	09
23/02/24 02:05	0.936	7.358	8.294	0.246			6.5	247	09
23/02/24 02:10	0.988	3.377	4.365	0.298			7.1	239	10
23/02/24 02:15	0.912	3.282	4.195	0.512			6.7	244	08
23/02/24 02:20	1.110	4.556	5.666	0.637			6.7	244	07
23/02/24 02:25	0.976	1.066	2.042	0.572			7.3	239	07
23/02/24 02:30	0.692	1.484	2.176	0.424			6.8	232	08
23/02/24 02:35	0.747	1.904	2.651	0.491			6.8	243	10
23/02/24 02:40	0.864	2.939	3.803	0.404			7.0	242	07
23/02/24 02:45	0.644	1.221	1.865	0.519			7.6	234	07
23/02/24 02:50	0.493	0.381	0.875	0.585			7.9	220	06
23/02/24 02:55	0.412	0.370	0.782	0.772			7.2	234	12
23/02/24 03:00	0.336	0.631	0.966	0.678			6.6	225	13
23/02/24 03:05	0.220	0.610	0.829	0.545			6.6	233	06
23/02/24 03:10	0.167	0.594	0.761	0.541			7.0	232	08
23/02/24 03:15	0.117	0.522	0.638	0.530			7.7	217	07
23/02/24 03:20	0.064	0.480	0.544	0.437			8.1	231	05
23/02/24 03:25	-0.071	0.391	0.321	0.371			8.3	228	05
23/02/24 03:30	0.001	0.778	0.779	0.409			8.0	221	06
23/02/24 03:35	-0.017	0.821	0.805	0.389			8.6	223	04
23/02/24 03:40	-0.040	0.855	0.815	0.363			8.8	221	06
23/02/24 03:45	0.106	0.608	0.714	0.285			8.3	226	05
23/02/24 03:50	0.110	0.435	0.545	0.337			8.3	226	05
23/02/24 03:55	0.126	0.414	0.540	0.275			7.6	221	04
23/02/24 04:00	0.377	3.908	4.285	0.342			6.1	239	12
23/02/24 04:05	0.509	5.262	5.771	0.458			5.8	238	09
23/02/24 04:10	0.612	4.566	5.177	0.559			5.8	242	06
23/02/24 04:15	0.523	2.238	2.761	0.549			5.8	238	08
23/02/24 04:20	0.325	1.551	1.876	0.608			5.6	241	08
23/02/24 04:25	0.202	1.704	1.906	0.673			5.9	238	06
23/02/24 04:30	0.266	1.896	2.162	0.619			6.0	241	10
23/02/24 04:35	0.387	2.314	2.701	0.495			6.1	243	07
23/02/24 04:40	0.831	3.819	4.651	0.370			5.4	247	10
23/02/24 04:45	0.833	4.871	5.703	0.376			6.1	243	08
23/02/24 04:50	0.876	7.011	7.887	0.423			5.3	246	08
23/02/24 04:55	1.192	9.529	10.721	0.547			5.4	242	11
23/02/24 05:00	1.176	5.792	6.969	0.562			6.7	240	09
23/02/24 05:05	1.033	3.506	4.538	0.674			6.8	245	07
23/02/24 05:10	8.327	12.481	20.808	0.715			6.7	244	06
23/02/24 05:15	12.227	12.266	24.493	0.801			6.7	241	08
23/02/24 05:20	5.656	9.013	14.668	1.120			6.4	246	08
23/02/24 05:25	1.695	4.468	6.163	1.115			6.2	240	07
23/02/24 05:30	1.111	3.938	5.049	1.029			6.0	239	06
23/02/24 05:35	0.843	3.972	4.815	0.971			5.3	243	07
23/02/24 05:40	0.658	3.909	4.567	0.830			6.7	238	07
23/02/24 05:45	0.487	3.292	3.779	0.871			5.8	244	06
23/02/24 05:50	1.534	9.469	11.003	1.025			5.4	245	08
23/02/24 05:55	3.689	19.235	22.924	1.031			5.1	241	09
23/02/24 06:00	7.659	20.486	28.145	0.940			4.2	253	09
23/02/24 06:05	5.754	14.201	19.955	0.867			4.4	247	09
23/02/24 06:10	3.369	9.678	13.047	0.864			5.1	245	09
23/02/24 06:15	2.020	4.925	6.945	1.025			5.4	242	08
23/02/24 06:20	1.883	8.997	10.879	1.136			4.7	244	11
23/02/24 06:25	1.910	7.171	9.081	1.079			5.9	240	11
23/02/24 06:30	1.993	11.199	13.192	0.964			4.7	252	07
23/02/24 06:35	2.289	10.984	13.274	1.052			4.8	248	08
23/02/24 06:40	2.771	12.768	15.539	1.143			5.3	253	09
23/02/24 06:45	3.250	13.677	16.926	1.078			5.5	244	09
23/02/24 06:50	3.339	9.868	13.207	1.132			5.9	241	11
23/02/24 06:55	3.285	7.596	10.881	1.117			6.5	244	09
23/02/24 07:00	3.403	8.279	11.682	1.065			5.9	248	08
23/02/24 07:05	3.544	8.859	12.403	0.971			5.7	247	07
23/02/24 07:10	3.821	9.334	13.154	0.854			5.6	248	08
23/02/24 07:15	3.719	8.560	12.278	0.939			5.6	246	08
23/02/24 07:20	3.249	7.280	10.529	0.845			5.7	242	06
23/02/24 07:25	2.959	6.322	9.281	0.917			5.8	248	11
23/02/24 07:30	3.197	8.062	11.260	1.014			4.8	243	08
23/02/24 07:35	3.331	5.661	8.993	1.072			5.4	237	08
23/02/24 07:40	2.835	2.229	5.064	1.030			5.4	236	07
23/02/24 07:45	2.232	1.378	3.610	1.018			5.3	233	07
23/02/24 07:50	1.807	1.406	3.213	1.007			5.1	226	07
23/02/24 07:55	1.534	1.557	3.090	0.680			4.9	218	12
23/02/24 08:00	1.321	1.735	3.055	0.896			6.4	220	09
23/02/24 08:05	1.243	1.498	2.741	0.775			6.8	230	07
23/02/24 08:10	1.143	1.548	2.692	0.859			8.0	236	09
23/02/24 08:15	1.038	1.583	2.621	0.866			7.9	237	06
23/02/24 08:20	0.793	1.677	2.470	0.850			6.8	239	05
23/02/24 08:25	1.003	2.425	3.428	0.851			6.7	240	10
23/02/24 08:30	1.056	2.798	3.854	0.820			7.4	240	09
23/02/24 08:35	1.252	3.638	4.889	0.848			6.7	234	09
23/02/24 08:40	1.254	2.971	4.225	0.936			7.7	234	08
23/02/24 08:45	1.186	2.282	3.468	0.849			7.6	243	07
23/02/24 08:50	1.231	2.024	3.255	0.754			8.6	235	07
23/02/24 08:55	0.907	0.839	1.746	0.719			8.7	239	06
23/02/24 09:00	0.667	0.655	1.322	0.660			8.9	238	06
23/02/24 09:05	0.881	1.534	2.415	0.574			7.4	242	06
23/02/24 09:10	1.560	3.861	5.421	0.694			6.9	245	08
23/02/24 09:15	1.610	4.274	5.884	0.694			7.3	232	08
23/02/24 09:20	1.243	1.663	2.906	0.666			6.9	229	06

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/02/24 09:25	0.995	0.765	1.760	0.680			6.5	226	08
23/02/24 09:30	0.980	0.909	1.888	0.613			5.8	236	10
23/02/24 09:35	1.034	1.310	2.345	0.676			6.3	241	12
23/02/24 09:40	0.957	1.555	2.512	0.667			7.2	234	08
23/02/24 09:45	0.730	1.377	2.107	0.580			8.1	237	06
23/02/24 09:50	0.742	1.221	1.963	0.546			8.2	234	06
23/02/24 09:55	0.729	1.223	1.952	0.536			8.1	235	06
23/02/24 10:00	0.633	1.171	1.804	0.566			8.8	230	05
23/02/24 10:05	0.623	1.052	1.676	0.590			8.5	227	04
23/02/24 10:10	0.577	1.002	1.579	0.629			8.7	230	06
23/02/24 10:15	0.622	1.113	1.735	0.577			8.1	222	07
23/02/24 10:20	0.574	0.930	1.504	0.656			8.6	223	07
23/02/24 10:25	0.586	0.785	1.371	0.676			8.7	218	07
23/02/24 10:30	0.757	0.706	1.463	0.689			8.8	219	06
23/02/24 10:35	0.854	2.904	3.758	0.591			7.5	215	11
23/02/24 10:40	1.513	2.352	3.865	0.455			9.0	221	10
23/02/24 10:45	1.204	0.246	1.450	0.400			7.7	220	06
23/02/24 10:50	0.955	0.499	1.454	0.397			8.1	226	07
23/02/24 10:55	0.668	0.605	1.273	0.303			7.7	227	08
23/02/24 11:00	0.589	0.644	1.233	0.256			8.8	225	07
23/02/24 11:05	1.771	1.126	2.898	0.359			9.3	225	08
23/02/24 11:10	0.995	1.064	2.058	0.352			9.1	228	05
23/02/24 11:15	0.294	0.861	1.155	0.394			8.5	229	07
23/02/24 11:20	0.320	0.856	1.176	0.309			7.9	235	07
23/02/24 11:25	12.229	0.610	12.839	0.367			8.5	217	06
23/02/24 11:30	7.486	1.402	8.889	0.441			8.7	221	06
23/02/24 11:35	1.355	0.884	2.239	0.477			8.5	221	07
23/02/24 11:40	5.890	7.802	13.693	0.486			8.6	218	07
23/02/24 11:45				0.453			8.5	225	07
23/02/24 11:50	0.650	2.893	3.543	0.364			7.6	220	06
23/02/24 11:55				0.316			7.6	219	05
23/02/24 12:00	0.629	1.946	2.575	0.206			7.2	218	07
23/02/24 12:05	6.070	4.896	10.965	0.272			7.1	219	07
23/02/24 12:10	11.021	7.119	18.139	0.471			7.1	219	06
23/02/24 12:15	35.740	15.321	51.061	0.543			5.6	215	07
23/02/24 12:20				0.758			7.6	222	05
23/02/24 12:25	11.780	7.921	19.701	0.604			6.4	219	11
23/02/24 12:30	9.085	6.020	15.104	0.642			6.4	214	07
23/02/24 12:35	20.691	10.867	31.558	0.686			6.2	215	07
23/02/24 12:40	17.397	10.683	28.080	0.799			6.7	215	06
23/02/24 12:45	9.961	3.656	13.617	0.853			6.2	216	09
23/02/24 12:50	44.459	11.465	55.923	0.916			6.1	211	07
23/02/24 12:55	12.532	5.471	18.003	0.837			6.8	215	04
23/02/24 13:00	21.551	6.304	27.854	0.830			6.0	213	07
23/02/24 13:05	50.420	19.487	69.907	0.803			4.6	204	11
23/02/24 13:10	48.879	16.626	65.505	0.872			4.3	197	10
23/02/24 13:15	82.658	13.662	96.320	1.198			4.3	201	10
23/02/24 13:20	58.555	21.824	80.380	1.491			3.9	195	11
23/02/24 13:25	87.924	23.437	111.361	1.568			3.9	198	13
23/02/24 13:30	89.080	27.648	116.728	1.689			3.5	198	12
23/02/24 13:35	53.909	11.160	65.069	2.006			3.9	193	11
23/02/24 13:40	69.004	20.675	89.678	2.548			3.0	201	11
23/02/24 13:45	65.134	17.137	82.271	2.395			4.0	206	11
23/02/24 13:50	39.608	3.713	43.321	1.979			3.8	201	12
23/02/24 13:55	36.429	12.696	49.125	1.655			4.6	207	11
23/02/24 14:00	71.265	14.278	85.543	1.413			4.9	199	12
23/02/24 14:05	88.955	25.527	114.482	2.296			5.3	196	11
23/02/24 14:10	81.005	24.211	105.216	3.213			6.0	194	11
23/02/24 14:15	75.085	16.109	91.194	4.866			5.5	197	09
23/02/24 14:20	73.789	20.161	93.951	5.144			5.2	198	11
23/02/24 14:25	66.376	17.405	83.781	5.294			4.5	194	14
23/02/24 14:30	34.098	12.740	46.838	5.088			4.4	196	15
23/02/24 14:35	59.062	19.545	78.607	4.449			4.3	196	11
23/02/24 14:40	62.967	17.641	80.609	4.618			4.3	196	11
23/02/24 14:45	75.832	16.343	92.175	4.616			4.2	196	13
23/02/24 14:50	84.616	21.644	106.260	4.444			4.6	197	11
23/02/24 14:55	75.083	15.014	90.097	4.966			5.2	194	12
23/02/24 15:00	92.633	15.724	108.357	5.353			5.7	195	12
23/02/24 15:05	96.474	18.899	115.374	6.165			5.4	193	11
23/02/24 15:10	109.004	26.880	135.884	7.086			5.4	195	13
23/02/24 15:15	85.473	23.065	108.538	7.931			5.2	194	09
23/02/24 15:20	81.477	19.926	101.403	7.484			5.1	196	10
23/02/24 15:25	76.134	14.158	90.293	7.204			5.4	195	10
23/02/24 15:30	116.831	21.087	137.918	7.161			4.8	201	10
23/02/24 15:35	101.850	33.309	135.159	7.109			5.1	198	12
23/02/24 15:40	58.023	15.471	73.495	7.140			5.1	195	10
23/02/24 15:45	79.976	18.896	98.871	6.228			4.4	196	11
23/02/24 15:50	71.369	23.058	94.427	5.311			4.6	196	12
23/02/24 15:55	94.436	23.886	118.323	5.168			4.6	198	13
23/02/24 16:00	90.266	22.309	112.575	5.322			4.1	196	13
23/02/24 16:05	90.829	23.063	113.892	5.786			5.2	197	11
23/02/24 16:10	65.796	18.052	83.848	6.547			5.0	195	11
23/02/24 16:15	64.971	23.035	88.006	6.775			4.8	197	12
23/02/24 16:20	84.887	21.508	106.396	6.189			4.3	198	13
23/02/24 16:25	86.793	15.671	102.464	5.560			4.8	195	11
23/02/24 16:30	85.582	19.784	105.365	5.239			4.5	198	13
23/02/24 16:35	87.433	19.932	107.365	5.255			4.6	201	12
23/02/24 16:40	86.403	20.143	106.546	5.043			4.7	197	10
23/02/24 16:45	100.062	15.851	115.913	5.575			4.7	200	11
23/02/24 16:50	127.707	27.334	155.041	5.358			4.6	197	12
23/02/24 16:55	96.176	25.331	121.507	5.329			4.7	199	11
23/02/24 17:00	98.382	25.374	123.756	5.850			5.3	197	09
23/02/24 17:05	107.163	28.221	135.384	6.589			4.7	196	11
23/02/24 17:10	112.652	25.475	138.127	6.362			5.3	195	11
23/02/24 17:15	60.769	18.153	78.922	8.240			6.0	196	09
23/02/24 17:20	50.591	21.143	71.733	6.914			5.2	197	09
23/02/24 17:25	88.607	18.058	106.664	6.736			5.4	199	08
23/02/24 17:30	95.343	8.577	103.920	6.364			5.7	194	11
23/02/24 17:35	122.534	23.307	145.841	7.593			6.0	199	09
23/02/24 17:40	133.754	18.031	151.785	7.142			5.9	198	08
23/02/24 17:45	120.049	23.561	143.610	6.047			5.8	199	10
23/02/24 17:50	136.869	21.846	158.715	5.374			6.3	199	09
23/02/24 17:55	147.859	14.903	162.763	4.521			6.3	201	08
23/02/24 18:00	99.996	25.676	125.672	4.153			5.9	200	08

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/02/24 18:05	57.505	26.072	83.577	3.767			6.3	201	10
23/02/24 18:10	45.588	10.940	56.528	3.200			5.7	199	09
23/02/24 18:15	55.214	16.666	71.880	3.036			5.7	200	11
23/02/24 18:20	47.158	12.408	59.566	2.923			5.6	197	10
23/02/24 18:25	49.059	23.963	73.022	2.740			5.4	200	09
23/02/24 18:30	51.640	19.201	70.841	2.825			5.7	198	10
23/02/24 18:35	53.007	17.056	70.062	2.789			5.7	200	08
23/02/24 18:40	61.253	11.164	72.418	2.825			5.5	201	08
23/02/24 18:45	63.469	21.074	84.544	2.779			5.8	198	10
23/02/24 18:50	41.739	18.049	59.789	2.851			5.9	198	11
23/02/24 18:55	37.490	10.561	48.051	2.664			6.7	205	10
23/02/24 19:00	45.444	12.509	57.953	2.389			5.9	198	09
23/02/24 19:05	21.422	13.766	35.188	2.151			6.5	203	09
23/02/24 19:10	16.860	11.298	28.157	1.865			5.9	203	11
23/02/24 19:15	42.589	14.053	56.642	1.669			5.8	200	10
23/02/24 19:20	13.288	7.235	20.523	1.777			6.1	203	09
23/02/24 19:25	14.561	9.263	23.824	1.776			5.5	200	10
23/02/24 19:30	7.339	4.396	11.734	1.843			6.3	208	09
23/02/24 19:35	6.755	5.980	12.735	1.648			6.4	210	11
23/02/24 19:40	3.606	4.866	8.472	1.589			6.3	205	09
23/02/24 19:45	9.624	3.782	13.406	1.558			6.9	206	10
23/02/24 19:50	8.505	10.722	19.227	1.468			6.0	203	10
23/02/24 19:55	0.913	2.116	3.029	1.382			7.9	214	08
23/02/24 20:00	0.927	4.555	5.483	1.297			6.8	207	08
23/02/24 20:05	3.777	4.327	8.104	1.299			7.3	211	07
23/02/24 20:10	2.074	4.230	6.304	1.244			7.2	209	10
23/02/24 20:15	13.067	14.079	27.146	1.278			5.9	201	11
23/02/24 20:20	22.226	14.524	36.751	1.282			4.5	199	11
23/02/24 20:25	23.314	14.335	37.649	1.336			5.6	200	09
23/02/24 20:30	49.475	19.665	69.140	1.402			6.1	200	11
23/02/24 20:35	24.522	9.518	34.040	1.441			6.2	203	09
23/02/24 20:40	34.147	11.958	46.104	1.453			5.7	198	08
23/02/24 20:45	51.563	5.203	56.766	1.478			6.1	199	08
23/02/24 20:50	41.038	12.525	53.563	1.554			6.4	201	09
23/02/24 20:55	58.203	20.960	79.163	1.407			6.4	200	11
23/02/24 21:00	84.261	17.508	101.769	1.573			6.2	199	09
23/02/24 21:05	41.507	8.346	49.853	1.689			7.4	204	09
23/02/24 21:10	14.262	2.909	17.171	1.556			5.6	202	09
23/02/24 21:15	10.069	10.124	20.193	1.543			4.9	201	09
23/02/24 21:20	7.846	5.736	13.583	1.424			4.8	207	12
23/02/24 21:25	0.635	1.114	1.749	1.121			5.6	215	08
23/02/24 21:30	0.144	1.314	1.458	1.043			6.5	220	07
23/02/24 21:35	-0.152	1.430	1.278	0.985			6.7	211	08
23/02/24 21:40	1.429	1.583	3.011	0.921			7.5	211	08
23/02/24 21:45	1.729	2.469	4.198	0.928			7.5	213	08
23/02/24 21:50	0.641	1.663	2.305	1.030			7.9	210	08
23/02/24 21:55	0.700	1.498	2.198	0.918			8.3	213	08
23/02/24 22:00	0.528	0.887	1.415	0.778			8.1	216	06
23/02/24 22:05	0.491	1.027	1.518	0.672			7.3	213	09
23/02/24 22:10	1.326	2.268	3.594	0.696			7.5	210	08
23/02/24 22:15	1.669	1.834	3.503	0.717			8.4	217	09
23/02/24 22:20	1.093	1.629	2.722	0.729			8.0	217	08
23/02/24 22:25	0.252	1.564	1.815	0.905			8.1	235	06
23/02/24 22:30	0.125	1.247	1.373	0.927			8.4	227	06
23/02/24 22:35	0.174	0.937	1.111	0.859			7.6	217	07
23/02/24 22:40	0.195	0.745	0.940	0.844			7.4	217	07
23/02/24 22:45	0.577	0.590	1.166	0.911			7.1	212	08
23/02/24 22:50	1.652	0.832	2.484	0.924			6.2	207	10
23/02/24 22:55	1.285	0.732	2.017	0.797			7.9	220	07
23/02/24 23:00	0.639	0.629	1.268	0.667			7.4	215	09
23/02/24 23:05	0.482	0.728	1.210	0.665			7.5	210	08
23/02/24 23:10	0.584	1.206	1.790	0.914			7.5	229	16
23/02/24 23:15	0.546	2.036	2.582	0.928			7.3	244	07
23/02/24 23:20	0.611	4.193	4.804	0.740			6.3	241	08
23/02/24 23:25	0.508	3.481	3.989	0.690			6.7	227	07
23/02/24 23:30	0.397	1.131	1.528	0.654			8.4	219	09
23/02/24 23:35	0.372	0.841	1.212	0.788			8.0	222	09
23/02/24 23:40	0.294	0.643	0.937	0.850			7.3	230	07
23/02/24 23:45	0.262	0.674	0.936	0.643			6.3	235	07
23/02/24 23:50	0.168	0.953	1.121				6.0	234	08
23/02/24 23:55	0.144	1.334	1.477				5.8	215	14
24/02/24 00:00	0.246	1.674	1.919	0.208			7.3	213	07
24/02/24 00:05	0.430	1.534	1.965	0.344			8.3	215	07
24/02/24 00:10	0.409	1.361	1.771	0.425			8.3	232	09
24/02/24 00:15	0.309	1.407	1.716	0.646			8.0	227	10
24/02/24 00:20	0.354	1.356	1.710	0.855			7.3	212	06
24/02/24 00:25	0.401	1.231	1.632	0.900			7.1	216	09
24/02/24 00:30	0.381	1.086	1.468	0.908			6.7	216	09
24/02/24 00:35	0.349	1.088	1.437	0.954			7.4	217	07
24/02/24 00:40	0.271	1.011	1.281	0.985			6.8	216	09
24/02/24 00:45	0.203	0.856	1.059	0.922			6.2	212	09
24/02/24 00:50	0.488	0.963	1.451	0.907			7.5	212	07
24/02/24 00:55	0.473	1.042	1.515	0.772			7.2	216	08
24/02/24 01:00	0.531	0.976	1.507	0.844			8.2	216	06
24/02/24 01:05							6.9	209	09
24/02/24 01:10							4.8	200	11
24/02/24 01:15							5.5	207	09
24/02/24 01:20							6.5	209	08
24/02/24 01:25							5.8	207	10
24/02/24 01:30							5.6	205	10
24/02/24 01:35							6.1	211	08
24/02/24 01:40							6.7	214	09
24/02/24 01:45							6.2	209	07
24/02/24 01:50							5.2	207	10
24/02/24 01:55							5.1	204	11
24/02/24 02:00							6.8	209	10
24/02/24 02:05	6.105	4.853	10.958	0.772			4.9	199	09
24/02/24 02:10	32.144	12.631	44.774	0.967			5.0	198	10
24/02/24 02:15	53.456	14.810	68.266	1.613			5.9	195	09
24/02/24 02:20	41.201	21.863	63.064	2.497			6.1	194	09
24/02/24 02:25	49.932	10.367	60.299	3.103			5.9	198	07
24/02/24 02:30	45.386	11.955	57.341	3.284			4.7	193	08
24/02/24 02:35	36.986	7.946	44.932	4.572			4.1	196	11
24/02/24 02:40	41.137	14.546	55.683	5.361			5.5	195	07

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/02/24 02:45	39.856	13.582	53.438	6.412			5.2	197	09
24/02/24 02:50	45.758	10.914	56.672	7.553			5.6	196	06
24/02/24 02:55	34.603	9.585	44.188	6.471			5.3	194	08
24/02/24 03:00	26.916	8.866	35.783	6.353			4.8	200	09
24/02/24 03:05	16.522	6.506	23.027	5.226			4.9	197	08
24/02/24 03:10	24.754	10.967	35.721	5.046			3.9	193	11
24/02/24 03:15	30.108	9.853	39.961	5.180			4.5	194	10
24/02/24 03:20	33.172	6.289	39.461	6.063			5.1	197	09
24/02/24 03:25	41.494	2.018	43.512	5.748			5.1	195	10
24/02/24 03:30	40.764	14.713	55.477	7.154			5.3	193	09
24/02/24 03:35	50.626	14.982	65.608	8.524			4.8	194	10
24/02/24 03:40	34.154	13.155	47.309	9.446			5.2	195	09
24/02/24 03:45	41.229	10.907	52.136	8.740			4.8	196	10
24/02/24 03:50	7.174	6.581	13.755	8.028			4.1	199	09
24/02/24 03:55	14.701	7.176	21.877	6.069			3.6	195	12
24/02/24 04:00	7.210	4.287	11.497	4.819			4.3	198	10
24/02/24 04:05	6.594	6.711	13.305	3.639			4.2	200	10
24/02/24 04:10	13.989	9.601	23.591	3.399			4.9	198	09
24/02/24 04:15	36.868	13.888	50.756	3.222			4.7	197	11
24/02/24 04:20	30.232	14.919	45.151	3.731			4.2	195	12
24/02/24 04:25	26.215	12.680	38.895	4.153			4.4	192	09
24/02/24 04:30	10.454	8.657	19.111	4.165			4.7	199	10
24/02/24 04:35	12.665	7.460	20.124	3.518			4.8	199	08
24/02/24 04:40	25.148	10.933	36.080	3.246			5.1	197	10
24/02/24 04:45	40.827	9.330	50.156	3.536			5.4	197	09
24/02/24 04:50	38.504	11.253	49.757	4.147			4.6	196	09
24/02/24 04:55	43.249	19.146	62.395	4.961			4.8	195	09
24/02/24 05:00	37.998	6.373	44.371	6.696			5.4	197	10
24/02/24 05:05	11.360	8.845	20.205	6.101			4.7	200	09
24/02/24 05:10	41.186	16.420	57.606	5.534			5.3	196	09
24/02/24 05:15	20.991	11.956	32.947	5.535			4.5	196	07
24/02/24 05:20	15.235	9.708	24.943	5.625			4.2	198	10
24/02/24 05:25	11.873	8.571	20.444	4.306			4.6	201	09
24/02/24 05:30	5.496	5.573	11.069	3.557			4.0	199	11
24/02/24 05:35	17.313	9.604	26.917	3.160			4.1	195	10
24/02/24 05:40	17.574	5.218	22.792	3.325			4.3	197	11
24/02/24 05:45	21.425	3.578	25.003	3.646			4.7	200	08
24/02/24 05:50	11.524	6.982	18.507	3.359			4.6	196	10
24/02/24 05:55	20.033	12.033	32.067	3.936			4.4	198	08
24/02/24 06:00	18.226	8.344	26.570	4.018			4.2	200	09
24/02/24 06:05	13.481	5.608	19.089	3.554			4.5	197	10
24/02/24 06:10	42.566	13.981	56.546	3.223			4.8	197	11
24/02/24 06:15	32.540	7.827	40.367	3.718			4.4	194	10
24/02/24 06:20	25.001	7.442	32.444	4.496			4.6	199	08
24/02/24 06:25	11.194	6.434	17.628	4.006			4.2	200	09
24/02/24 06:30	7.419	6.020	13.439	3.485			3.9	197	10
24/02/24 06:35	25.030	11.361	36.391	3.725			4.6	199	09
24/02/24 06:40	15.015	10.500	25.515	3.690			3.8	197	11
24/02/24 06:45	60.129	19.189	79.318	4.379			4.0	194	09
24/02/24 06:50	21.754	11.144	32.898	5.465			3.5	191	14
24/02/24 06:55	30.676	8.756	39.431	5.938			4.0	191	13
24/02/24 07:00	22.091	11.047	33.138	6.203			4.5	195	08
24/02/24 07:05	28.711	10.673	39.383	5.974			4.0	194	11
24/02/24 07:10	33.784	13.427	47.210	6.145			4.0	183	14
24/02/24 07:15	36.765	13.283	50.048	6.320			3.4	181	20
24/02/24 07:20	31.340	11.388	42.728	6.275			3.2	182	20
24/02/24 07:25	9.583	3.348	12.931	6.096			3.2	165	21
24/02/24 07:30	2.651	2.741	5.392	4.866			2.8	160	24
24/02/24 07:35				3.807			3.1	162	24
24/02/24 07:40	22.026	5.088	27.115	3.598			4.0	186	17
24/02/24 07:45	27.851	12.341	40.192	4.041			3.3	180	20
24/02/24 07:50	30.828	13.837	44.665	4.199			3.3	191	13
24/02/24 07:55	39.450	10.328	49.777	4.269			2.9	184	17
24/02/24 08:00	24.589	13.709	38.299	3.842			2.5	186	16
24/02/24 08:05	17.406	10.070	27.476	3.979			2.6	182	19
24/02/24 08:10	18.880	8.981	27.861	3.668			2.5	184	18
24/02/24 08:15	21.258	8.186	29.444	3.558			3.0	190	12
24/02/24 08:20	15.572	13.458	29.030	4.236			4.0	195	10
24/02/24 08:25	16.404	7.923	24.327	4.448			3.6	194	12
24/02/24 08:30	30.747	18.292	49.039	4.464			4.1	194	11
24/02/24 08:35	17.975	8.235	26.210	4.689			4.4	198	09
24/02/24 08:40	14.626	9.021	23.647	4.336			2.9	189	15
24/02/24 08:45	23.795	10.072	33.867	4.580			3.3	185	17
24/02/24 08:50	11.716	5.824	17.540	4.482			2.2	171	26
24/02/24 08:55	6.616	6.172	12.788	3.812			1.9	174	26
24/02/24 09:00	12.933	7.959	20.892	3.367			3.0	179	18
24/02/24 09:05	18.239	6.592	24.832	3.323			2.8	183	19
24/02/24 09:10	5.271	2.323	7.594	3.199			2.9	151	20
24/02/24 09:15	1.132	1.285	2.417	2.683			2.1	172	23
24/02/24 09:20	7.266	10.644	17.909	2.469			2.6	181	17
24/02/24 09:25	3.655	2.581	6.236	2.205			2.9	195	15
24/02/24 09:30	18.798	15.442	34.240	2.482			3.5	193	12
24/02/24 09:35	11.870	6.999	18.869	3.062			2.9	191	13
24/02/24 09:40	12.895	7.313	20.208	3.545			3.7	198	11
24/02/24 09:45	13.501	9.179	22.680	3.559			2.6	187	18
24/02/24 09:50	15.803	8.144	23.947	3.546			2.9	187	15
24/02/24 09:55	7.738	5.465	13.203	3.621			2.3	175	21
24/02/24 10:00	15.325	6.570	21.895	3.484			2.8	178	16
24/02/24 10:05	3.159	3.262	6.421	3.319			2.7	174	18
24/02/24 10:10	5.996	6.222	12.219	2.975			3.4	198	10
24/02/24 10:15	4.827	5.844	10.671	2.831			3.2	194	17
24/02/24 10:20	5.705	5.294	10.999	2.704			2.1	175	17
24/02/24 10:25	2.778	2.964	5.742	2.310			2.5	190	15
24/02/24 10:30	19.841	5.252	25.093	2.240			3.0	192	14
24/02/24 10:35	8.636	6.249	14.885	2.120			3.7	200	08
24/02/24 10:40	3.363	2.711	6.075	2.172			3.1	195	15
24/02/24 10:45	3.536	6.607	10.143	1.991			2.8	194	18
24/02/24 10:50	8.308	6.994	15.302	2.296			2.9	195	11
24/02/24 10:55	15.030	6.998	22.028	2.727			3.8	197	09
24/02/24 11:00	7.646	7.422	15.068	2.676			3.6	198	08
24/02/24 11:05	11.272	7.877	19.149	2.611			2.8	188	14
24/02/24 11:10	9.057	4.930	13.987	2.342			3.1	198	09
24/02/24 11:15	5.603	5.604	11.207	2.304			2.8	195	13
24/02/24 11:20	3.059	3.454	6.513	2.181			2.9	196	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/02/24 11:25	3.687	2.079	5.766	2.012			3.5	199	10
24/02/24 11:30	2.020	2.624	4.644	1.778			4.0	201	10
24/02/24 11:35	2.185	2.367	4.552	1.471			4.2	199	10
24/02/24 11:40	2.103	2.664	4.767	1.200			3.9	199	09
24/02/24 11:45	2.399	2.638	5.037	1.089			3.9	198	09
24/02/24 11:50	2.195	1.985	4.180	0.955			3.8	200	09
24/02/24 11:55	3.381	2.588	5.969	1.196			4.1	196	09
24/02/24 12:00	3.786	3.077	6.863	1.436			4.1	198	09
24/02/24 12:05	2.415	2.107	4.522	1.161			4.2	200	10
24/02/24 12:10	2.843	2.064	4.907	0.945			4.5	206	11
24/02/24 12:15	3.446	3.112	6.558	0.706			4.0	196	10
24/02/24 12:20	4.338	5.766	10.104	0.796			4.4	202	09
24/02/24 12:25	3.302	2.520	5.822	1.065			4.4	200	08
24/02/24 12:30	2.808	2.241	5.049	1.098			4.1	196	08
24/02/24 12:35	2.520	2.450	4.969	1.217			3.7	199	10
24/02/24 12:40	5.814	7.580	13.394	1.244			4.1	199	11
24/02/24 12:45	4.201	6.786	10.988	1.293			4.0	197	10
24/02/24 12:50	5.921	4.440	10.361	1.252			4.1	196	08
24/02/24 12:55	2.885	1.810	4.695	1.335			4.1	198	10
24/02/24 13:00	8.968	1.947	10.916	1.361			4.0	196	10
24/02/24 13:05	4.518	6.954	11.472	1.422			4.3	199	09
24/02/24 13:10	2.451	3.784	6.235	1.345			4.4	202	10
24/02/24 13:15	3.602	5.644	9.246	1.238			4.5	200	09
24/02/24 13:20	4.521	6.532	11.053	1.245			4.4	204	09
24/02/24 13:25	9.804	9.346	19.149	1.255			4.7	201	10
24/02/24 13:30	6.913	4.652	11.565	1.200			4.5	199	09
24/02/24 13:35	5.563	4.602	10.165	1.161			4.3	197	10
24/02/24 13:40	17.952	14.426	32.378	1.139			4.4	198	09
24/02/24 13:45	6.747	6.227	12.974	1.870			4.5	199	10
24/02/24 13:50	4.585	3.658	8.243	1.557			4.5	204	10
24/02/24 13:55	7.084	2.770	9.854	1.270			4.8	196	08
24/02/24 14:00	33.191	4.214	37.406	1.701			4.7	201	09
24/02/24 14:05	24.620	12.791	37.412	1.662			4.9	199	10
24/02/24 14:10	6.523	6.096	12.619	1.265			4.7	199	10
24/02/24 14:15	8.603	7.029	15.632	1.188			4.7	200	09
24/02/24 14:20	6.135	3.023	9.158	1.125			4.6	198	09
24/02/24 14:25	5.624	4.433	10.057	1.136			4.6	199	11
24/02/24 14:30	10.265	6.376	16.640	1.277			4.5	201	09
24/02/24 14:35	6.014	5.322	11.336	1.335			4.6	199	09
24/02/24 14:40	4.170	6.026	10.196	1.205			4.8	205	08
24/02/24 14:45	4.736	1.900	6.636	1.044			4.7	200	10
24/02/24 14:50	9.304	5.597	14.901	0.922			4.8	201	09
24/02/24 14:55	4.730	5.066	9.797	0.940			4.8	199	11
24/02/24 15:00	2.762	1.790	4.552	0.980			5.4	206	09
24/02/24 15:05	5.316	9.371	14.687	0.769			5.0	203	10
24/02/24 15:10	7.332	6.050	13.382	0.827			4.7	202	10
24/02/24 15:15	4.318	3.310	7.628	0.792			4.6	199	10
24/02/24 15:20	4.092	5.042	9.134	0.933			4.9	200	11
24/02/24 15:25	9.851	6.842	16.693	1.004			4.6	198	09
24/02/24 15:30	12.655	6.043	18.698	1.171			4.8	200	09
24/02/24 15:35	7.594	5.533	13.127	1.294			4.9	197	10
24/02/24 15:40	19.158	8.004	27.162	1.518			4.6	199	08
24/02/24 15:45	12.216	5.687	17.904	1.715			5.0	199	09
24/02/24 15:50	17.088	7.992	25.079	1.802			4.5	199	09
24/02/24 15:55	8.490	7.395	15.886	1.648			4.8	197	08
24/02/24 16:00	14.848	5.439	20.287	1.831			4.9	196	09
24/02/24 16:05	13.123	5.064	18.186	2.347			4.6	197	10
24/02/24 16:10	17.400	10.126	27.526	2.565			4.3	197	09
24/02/24 16:15	13.949	9.020	22.969	2.687			4.7	198	08
24/02/24 16:20	15.027	4.669	19.696	2.441			4.8	198	09
24/02/24 16:25	11.182	6.220	17.403	2.443			4.6	199	09
24/02/24 16:30	5.119	4.498	9.617	2.289			6.0	196	08
24/02/24 16:35	35.471	10.086	45.557	2.136			6.6	196	05
24/02/24 16:40	142.574	9.219	151.793	6.409			5.4	194	07
24/02/24 16:45	104.986	11.411	116.397	13.455			6.1	195	06
24/02/24 16:50	6.626	5.930	12.556	5.528			6.8	196	07
24/02/24 16:55	38.168	13.607	51.775	5.873			6.4	193	06
24/02/24 17:00	28.261	12.294	40.555	6.903			6.5	198	07
24/02/24 17:05	1.759	1.318	3.077	4.357			6.9	198	06
24/02/24 17:10	1.184	1.153	2.337	2.735			6.5	199	07
24/02/24 17:15	2.634	1.373	4.007	2.278			7.5	198	06
24/02/24 17:20	0.776	0.966	1.741	1.919			6.4	199	07
24/02/24 17:25	1.374	1.263	2.637	1.599			5.6	195	07
24/02/24 17:30	1.396	1.325	2.721	1.362			6.4	198	07
24/02/24 17:35	1.311	1.372	2.683	1.167			5.8	196	07
24/02/24 17:40	1.124	1.402	2.526	1.019			6.7	198	08
24/02/24 17:45	0.950	1.490	2.440	1.195			6.0	198	08
24/02/24 17:50	0.766	1.428	2.194	1.122			6.6	196	08
24/02/24 17:55	0.728	1.428	2.156	0.994			5.6	198	08
24/02/24 18:00	0.811	1.364	2.175	0.955			5.7	197	08
24/02/24 18:05	0.645	1.290	1.935	0.969			5.0	197	09
24/02/24 18:10	0.457	1.220	1.678	0.830			6.3	199	07
24/02/24 18:15	0.423	1.213	1.636	0.804			6.1	195	07
24/02/24 18:20	0.400	1.237	1.637	0.627			6.5	199	07
24/02/24 18:25	0.379	1.309	1.689	0.581			6.8	200	06
24/02/24 18:30	0.826	1.967	2.793	0.533			6.7	200	06
24/02/24 18:35	0.914	2.678	3.592	0.593			4.3	190	13
24/02/24 18:40	0.714	1.862	2.576	0.564			3.9	185	14
24/02/24 18:45	0.682	1.148	1.830	0.555			4.0	183	14
24/02/24 18:50	0.524	0.801	1.325	0.614			3.7	185	15
24/02/24 18:55	0.374	0.587	0.961	0.660			3.6	177	20
24/02/24 19:00	0.333	0.484	0.818	0.666			2.7	169	24
24/02/24 19:05	0.153	0.501	0.653	0.589			2.6	159	24
24/02/24 19:10	0.020	0.523	0.543	0.519			2.7	168	24
24/02/24 19:15	0.106	0.500	0.606	0.585			2.5	175	27
24/02/24 19:20	0.167	0.517	0.683	0.507			2.8	163	29
24/02/24 19:25	0.154	0.521	0.675	0.405			2.8	157	28
24/02/24 19:30	0.055	0.524	0.579	0.436			2.5	159	28
24/02/24 19:35	0.052	0.556	0.608	0.542			3.0	164	25
24/02/24 19:40	0.077	0.587	0.664	0.556			2.9	175	24
24/02/24 19:45	0.075	0.627	0.702	0.627			3.2	154	25
24/02/24 19:50	0.092	0.642	0.734	0.599			3.3	156	23
24/02/24 19:55	0.155	0.668	0.823	0.577			3.0	154	22
24/02/24 20:00	0.082	0.679	0.761	0.529			2.7	159	25

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/02/24 20:05	-0.041	0.701	0.660	0.455			2.8	157	25
24/02/24 20:10	-0.038	0.707	0.669	0.465			2.5	172	26
24/02/24 20:15	-0.044	0.785	0.740	0.392			2.7	152	23
24/02/24 20:20	-0.104	0.937	0.833	0.444			3.5	138	18
24/02/24 20:25	-0.085	1.064	0.979	0.476			2.5	132	19
24/02/24 20:30	-0.076	1.215	1.139	0.520			3.2	117	13
24/02/24 20:35	-0.051	1.477	1.426	0.467			3.5	115	10
24/02/24 20:40	-0.082	1.664	1.582	0.490			3.7	115	08
24/02/24 20:45	-0.206	1.851	1.645	0.453			2.7	111	13
24/02/24 20:50	-0.192	1.975	1.784	0.380			2.9	116	14
24/02/24 20:55	0.331	2.170	2.500	0.400			3.0	120	15
24/02/24 21:00	1.223	2.323	3.546	0.369			2.9	116	13
24/02/24 21:05	1.499	2.209	3.708	0.254			2.7	115	15
24/02/24 21:10	0.900	2.189	3.089	0.171			3.3	116	13
24/02/24 21:15	0.553	1.782	2.334	0.143			3.0	117	15
24/02/24 21:20	0.243	1.709	1.952	0.137			3.4	113	13
24/02/24 21:25	0.140	1.453	1.592	0.219			2.3	112	15
24/02/24 21:30	0.122	1.530	1.652	0.314			3.0	110	10
24/02/24 21:35	0.212	1.552	1.764	0.376			2.4	114	13
24/02/24 21:40	0.274	1.644	1.919	0.449			2.9	128	17
24/02/24 21:45	0.170	1.623	1.793	0.466			2.9	126	15
24/02/24 21:50	0.240	1.616	1.855	0.432			3.1	116	15
24/02/24 21:55	0.185	1.641	1.826	0.465			2.5	118	16
24/02/24 22:00	0.156	1.618	1.774	0.395			2.6	123	20
24/02/24 22:05	0.125	1.576	1.701	0.422			2.2	118	20
24/02/24 22:10	0.166	1.489	1.654	0.548			2.5	125	18
24/02/24 22:15	0.213	1.447	1.660	0.417			2.9	128	15
24/02/24 22:20	0.123	1.469	1.592	0.456			2.4	129	18
24/02/24 22:25	0.096	1.501	1.597	0.416			1.9	121	20
24/02/24 22:30	0.098	1.681	1.779	0.379			2.3	128	18
24/02/24 22:35	0.021	2.113	2.134	0.424			1.9	119	19
24/02/24 22:40	-0.025	2.764	2.738	0.321			2.1	125	19
24/02/24 22:45	-0.015	3.403	3.388	0.292			2.5	118	10
24/02/24 22:50	0.042	4.220	4.262	0.346			2.0	120	17
24/02/24 22:55	0.108	4.662	4.769	0.340			1.7	104	16
24/02/24 23:00	0.253	4.966	5.219	0.287			2.0	116	12
24/02/24 23:05	0.123	5.659	5.782	0.241			2.3	117	10
24/02/24 23:10	-0.016	6.435	6.418	0.227			1.5	119	16
24/02/24 23:15	-0.038	7.263	7.225	0.202			1.7	134	20
24/02/24 23:20	0.028	7.025	7.053	0.202			1.7	131	22
24/02/24 23:25	0.098	6.059	6.157	0.260			2.3	128	15
24/02/24 23:30	0.114	4.897	5.011	0.386			2.7	129	17
24/02/24 23:35	0.035	4.116	4.151	0.443			2.2	120	14
24/02/24 23:40	0.079	3.739	3.818	0.351			2.1	119	22
24/02/24 23:45	0.041	3.583	3.624	0.299			1.6	151	26
24/02/24 23:50	0.018	3.648	3.666				1.6	115	19
24/02/24 23:55	0.120	3.858	3.979				2.3	129	18
25/02/24 00:00	0.156	3.717	3.874	0.386			1.7	134	18
25/02/24 00:05	0.151	3.818	3.969	0.250			1.8	101	17
25/02/24 00:10	0.131	4.383	4.515	0.295			2.2	95	11
25/02/24 00:15	6.922	4.106	11.028	0.215			1.7	103	11
25/02/24 00:20	1.010	5.061	6.071	0.236			1.6	84	20
25/02/24 00:25	9.134	14.519	23.652	0.136			1.4	77	13
25/02/24 00:30	0.242	7.361	7.603	0.288			1.1	75	12
25/02/24 00:35	0.756	7.165	7.920	0.260			0.7	73	23
25/02/24 00:40	0.783	7.256	8.039	0.264			1.0	92	10
25/02/24 00:45	0.540	7.212	7.752	0.188			0.9	102	15
25/02/24 00:50	0.368	7.341	7.709	0.078			0.8	113	17
25/02/24 00:55	0.246	7.302	7.548	0.046			1.0	144	29
25/02/24 01:00	0.252	7.229	7.481	-0.025			0.8	153	23
25/02/24 01:05							0.6	110	29
25/02/24 01:10							0.7	48	14
25/02/24 01:15							1.1	62	06
25/02/24 01:20							1.1	54	09
25/02/24 01:25							1.2	38	04
25/02/24 01:30							1.1	39	08
25/02/24 01:35							0.9	25	09
25/02/24 01:40							0.8	27	06
25/02/24 01:45							0.9	17	08
25/02/24 01:50							0.9	1	18
25/02/24 01:55							1.2	3	13
25/02/24 02:00							1.3	5	11
25/02/24 02:05	1.863	17.728	19.592	-0.139			1.0	7	17
25/02/24 02:10	3.446	19.538	22.984	-0.102			0.9	359	22
25/02/24 02:15	6.240	18.893	25.133	0.021			0.5	348	30
25/02/24 02:20	9.958	16.537	26.495	0.134			0.8	314	22
25/02/24 02:25	15.407	13.073	28.480	0.220			1.5	322	15
25/02/24 02:30	17.580	14.388	31.967	0.456			1.2	326	23
25/02/24 02:35	18.050	15.471	33.521	0.481			1.3	320	14
25/02/24 02:40	17.843	15.608	33.451	0.269			1.7	312	13
25/02/24 02:45	9.027	18.351	27.377	0.275			1.2	325	21
25/02/24 02:50	13.909	13.161	27.069	-0.026			1.0	15	19
25/02/24 02:55	20.431	14.276	34.707	-0.136			1.4	2	14
25/02/24 03:00	21.397	14.848	36.245	-0.048			0.8	341	26
25/02/24 03:05	20.724	14.246	34.970	0.155			1.3	354	24
25/02/24 03:10	18.973	14.286	33.259	0.312			1.2	323	29
25/02/24 03:15	19.818	14.670	34.488	0.509			1.5	322	21
25/02/24 03:20	17.708	14.727	32.435	0.569			1.4	329	18
25/02/24 03:25	13.027	14.994	28.021	0.455			1.4	312	21
25/02/24 03:30	13.319	15.076	28.395	0.635			2.2	310	11
25/02/24 03:35	16.719	14.365	31.084	0.786			1.5	309	13
25/02/24 03:40	20.739	14.805	35.544	0.749			1.3	317	16
25/02/24 03:45	21.384	14.488	35.872	0.732			1.0	325	18
25/02/24 03:50	22.566	14.066	36.632	0.792			1.1	319	19
25/02/24 03:55	21.189	14.186	35.375	0.719			1.5	312	13
25/02/24 04:00	10.144	14.860	25.004	0.702			1.7	315	11
25/02/24 04:05	3.529	12.007	15.536	0.661			1.6	323	14
25/02/24 04:10	2.406	11.056	13.463	0.580			1.5	325	15
25/02/24 04:15	2.106	10.925	13.030	0.478			1.2	346	19
25/02/24 04:20	2.705	10.998	13.703	0.334			1.2	349	19
25/02/24 04:25	3.392	11.481	14.873	0.312			1.4	1	13
25/02/24 04:30	10.434	13.003	23.436	0.532			1.3	358	14
25/02/24 04:35	25.010	14.191	39.201	0.660			1.5	2	13
25/02/24 04:40	34.268	15.114	49.382	0.788			1.6	0	16

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/02/24 04:45	30.501	16.551	47.052	0.846			1.4	344	19
25/02/24 04:50	32.247	15.390	47.637	0.840			1.8	341	16
25/02/24 04:55	35.447	14.078	49.526	0.792			1.6	345	19
25/02/24 05:00	28.136	15.694	43.830	0.907			1.5	346	19
25/02/24 05:05	24.372	13.907	38.278	0.953			1.9	333	16
25/02/24 05:10	25.600	13.835	39.435	0.895			1.7	317	15
25/02/24 05:15	28.128	13.825	41.954	0.943			1.6	343	20
25/02/24 05:20	22.400	14.731	37.131	0.929			1.9	3	14
25/02/24 05:25	25.298	12.993	38.291	0.936			2.3	6	13
25/02/24 05:30	24.395	12.371	36.765	0.976			2.5	22	14
25/02/24 05:35	9.608	12.830	22.438	1.002			2.3	22	12
25/02/24 05:40	6.509	12.879	19.388	0.893			1.8	31	15
25/02/24 05:45	5.463	12.792	18.255	0.867			1.5	28	16
25/02/24 05:50	5.498	12.626	18.124	0.924			1.4	25	15
25/02/24 05:55	9.315	23.321	32.636	0.967			1.1	12	33
25/02/24 06:00	2.798	11.771	14.569	0.981			1.0	279	22
25/02/24 06:05	2.989	11.760	14.749	0.785			2.0	268	17
25/02/24 06:10	12.856	10.240	23.097	0.676			1.9	299	17
25/02/24 06:15	30.698	15.551	46.249	0.707			1.7	282	16
25/02/24 06:20	32.043	14.423	46.467	0.822			2.0	284	19
25/02/24 06:25	33.791	12.750	46.541	0.803			2.3	303	14
25/02/24 06:30	31.906	13.229	45.135	0.803			2.1	311	17
25/02/24 06:35	34.359	14.858	49.217	0.945			1.8	11	20
25/02/24 06:40	42.059	15.635	57.694	1.118			1.8	26	15
25/02/24 06:45	35.600	13.905	49.506	1.261			2.0	34	14
25/02/24 06:50	40.682	10.382	51.063	1.312			2.0	51	14
25/02/24 06:55	23.241	13.905	37.146	1.367			1.0	43	22
25/02/24 07:00	74.505	11.976	86.481	1.336			1.0	34	24
25/02/24 07:05	22.639	13.306	35.945	1.461			1.3	12	28
25/02/24 07:10	4.978	8.941	13.919	1.381			1.3	1	35
25/02/24 07:15	3.384	8.876	12.260	1.184			1.7	328	40
25/02/24 07:20	2.578	8.717	11.295	1.094			1.7	341	38
25/02/24 07:25	2.467	8.295	10.762	1.272			2.0	319	29
25/02/24 07:30	2.509	7.898	10.407	1.184			2.0	322	25
25/02/24 07:35	2.520	7.733	10.253	1.275			2.2	319	22
25/02/24 07:40	2.695	7.865	10.560	1.277			2.0	315	19
25/02/24 07:45	3.154	8.097	11.251	1.186			1.4	308	21
25/02/24 07:50	3.780	8.306	12.086	1.158			1.5	325	31
25/02/24 07:55	4.304	8.378	12.683	1.237			1.8	325	26
25/02/24 08:00	4.767	8.297	13.064	1.156			1.0	321	42
25/02/24 08:05	5.367	8.109	13.476	1.051			1.3	335	36
25/02/24 08:10	5.272	8.172	13.444	0.947			1.5	326	31
25/02/24 08:15	5.108	8.152	13.260	0.847			2.1	333	24
25/02/24 08:20	4.985	8.121	13.106	1.167			1.1	355	34
25/02/24 08:25	5.066	8.214	13.280	0.987			1.6	345	31
25/02/24 08:30	6.091	13.295	19.386	0.937			1.9	355	25
25/02/24 08:35	7.744	9.706	17.450	0.904			1.9	6	22
25/02/24 08:40	8.130	9.643	17.773	0.906			1.9	358	35
25/02/24 08:45	6.034	8.144	14.178	0.808			1.8	334	40
25/02/24 08:50	4.968	8.024	12.992	0.874			2.5	341	33
25/02/24 08:55	6.147	13.493	19.640	1.028			2.6	333	32
25/02/24 09:00	3.970	5.950	9.920	1.080			2.5	323	23
25/02/24 09:05	2.154	5.086	7.240	0.967			2.1	332	30
25/02/24 09:10	3.294	8.879	12.173	1.020			3.6	6	21
25/02/24 09:15	4.342	7.408	11.750	0.821			3.6	8	22
25/02/24 09:20	2.887	5.177	8.064	0.915			3.8	8	19
25/02/24 09:25	2.804	5.304	8.107	0.663			3.6	6	18
25/02/24 09:30	4.394	8.439	12.833	0.460			2.4	0	34
25/02/24 09:35	4.201	6.177	10.378	0.428			2.2	356	29
25/02/24 09:40	2.831	5.439	8.270	0.327			1.6	351	40
25/02/24 09:45	3.082	5.597	8.679	0.190			2.3	341	29
25/02/24 09:50	2.841	5.572	8.414	0.185			2.1	333	31
25/02/24 09:55	2.308	4.673	6.980	0.005			2.6	341	27
25/02/24 10:00	2.087	4.202	6.289	0.089			2.1	360	28
25/02/24 10:05	2.319	4.541	6.860	0.337			2.2	356	36
25/02/24 10:10	2.454	4.782	7.236	0.363			2.6	4	26
25/02/24 10:15	2.403	4.687	7.090	0.529			1.7	350	38
25/02/24 10:20	2.334	4.905	7.239	0.437			2.2	345	30
25/02/24 10:25	2.411	5.041	7.452	0.377			2.5	11	29
25/02/24 10:30	3.089	5.221	8.310	0.274			2.1	8	37
25/02/24 10:35	2.594	4.920	7.514	0.161			1.8	344	35
25/02/24 10:40	2.587	4.782	7.370	0.302			2.5	5	36
25/02/24 10:45	2.684	5.098	7.782	0.338			2.1	345	35
25/02/24 10:50	2.572	5.513	8.085	0.308			2.3	321	32
25/02/24 10:55	1.813	3.462	5.276	0.204			0.7	13	47
25/02/24 11:00	1.464	3.665	5.129	0.130			1.5	318	32
25/02/24 11:05	1.499	4.248	5.747	0.336			2.4	293	18
25/02/24 11:10	1.395	3.989	5.384	0.396			1.9	334	33
25/02/24 11:15	1.988	4.532	6.520	0.240			2.3	356	28
25/02/24 11:20	1.689	3.894	5.583	0.074			3.1	19	17
25/02/24 11:25	1.822	4.512	6.334	0.129			2.2	327	34
25/02/24 11:30	1.455	4.058	5.512	0.258			2.8	313	21
25/02/24 11:35	1.225	3.896	5.121	0.326			2.2	2	29
25/02/24 11:40	1.403	4.301	5.704	0.193			2.3	18	27
25/02/24 11:45	1.367	4.625	5.992	0.169			2.2	334	33
25/02/24 11:50	6.310	3.235	9.545	0.253			1.6	325	37
25/02/24 11:55	1.560	3.184	4.745	0.248			2.6	337	29
25/02/24 12:00	1.339	3.672	5.011	0.375			3.0	343	36
25/02/24 12:05	1.216	3.431	4.646	0.398			2.2	350	37
25/02/24 12:10	1.027	3.186	4.213	0.283			2.5	352	29
25/02/24 12:15	1.292	3.700	4.992	0.237			3.4	10	17
25/02/24 12:20	1.595	7.723	9.319	-0.013			2.6	17	26
25/02/24 12:25	3.205	5.285	8.490	0.097			2.7	22	27
25/02/24 12:30	4.111	5.920	10.031	0.077			2.5	0	32
25/02/24 12:35	3.226	9.509	12.735	0.060			2.9	15	29
25/02/24 12:40	3.087	6.139	9.226	0.219			2.4	346	29
25/02/24 12:45	1.871	3.978	5.849	0.204			3.0	353	25
25/02/24 12:50	1.565	3.211	4.776	0.338			3.7	311	21
25/02/24 12:55	1.140	2.844	3.984	0.195			5.2	277	13
25/02/24 13:00	0.952	2.533	3.486	0.074			2.4	281	13
25/02/24 13:05	0.898	2.758	3.656	0.085			2.2	354	36
25/02/24 13:10	1.641	3.850	5.491	0.052			2.2	30	38
25/02/24 13:15	1.502	2.833	4.335	-0.072			2.5	334	23
25/02/24 13:20	1.324	3.230	4.554	-0.013			1.6	34	36

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/02/24 13:25	1.088	4.170	5.257	0.136			0.3	90	91
25/02/24 13:30	0.673	3.923	4.595	0.197			2.0	39	25
25/02/24 13:35	0.723	4.608	5.332	0.117			0.9	247	71
25/02/24 13:40	5.539	27.567	33.105	0.330			2.5	188	14
25/02/24 13:45	5.312	11.959	17.271	0.414			1.8	150	22
25/02/24 13:50	2.451	5.331	7.782	0.342			0.7	189	50
25/02/24 13:55	4.121	11.417	15.538	0.406			4.1	202	10
25/02/24 14:00	7.204	25.808	33.011	0.628			2.7	189	11
25/02/24 14:05	10.297	21.505	31.801	0.949			3.1	198	09
25/02/24 14:10	9.793	25.537	35.330	1.149			3.8	197	09
25/02/24 14:15	9.557	23.455	33.011	1.177			3.5	194	09
25/02/24 14:20	6.840	12.321	19.161	1.316			3.6	193	10
25/02/24 14:25	4.543	8.427	12.970	1.363			2.0	186	15
25/02/24 14:30	2.863	5.561	8.424	1.156			1.4	181	21
25/02/24 14:35	1.975	3.913	5.888	0.953			2.0	170	17
25/02/24 14:40	1.696	7.084	8.780	0.866			1.5	160	22
25/02/24 14:45	1.588	6.855	8.443	0.657			1.3	150	28
25/02/24 14:50	1.294	5.579	6.873	0.814			1.8	140	19
25/02/24 14:55	1.420	7.576	8.996	0.653			1.2	134	28
25/02/24 15:00	1.615	15.403	17.018	0.664			2.0	139	17
25/02/24 15:05	2.533	25.235	27.768	0.725			1.7	136	16
25/02/24 15:10	2.325	4.891	7.216	0.738			1.3	148	29
25/02/24 15:15	1.702	4.086	5.788	0.509			1.2	187	17
25/02/24 15:20	1.556	4.792	6.348	0.441			1.5	182	16
25/02/24 15:25	1.451	5.945	7.395	0.312			1.1	164	24
25/02/24 15:30	1.556	10.624	12.180	0.338			0.7	150	34
25/02/24 15:35	1.663	13.744	15.407	0.427			1.6	120	15
25/02/24 15:40	1.637	7.215	8.851	0.338			0.7	140	40
25/02/24 15:45	1.375	5.456	6.831	0.213			0.4	148	40
25/02/24 15:50	1.271	6.085	7.356	0.359			0.5	151	46
25/02/24 15:55	1.461	8.424	9.884	0.374			1.0	151	26
25/02/24 16:00	5.356	46.248	51.604	0.451			0.5	145	36
25/02/24 16:05	3.453	15.993	19.446	0.354			0.9	164	21
25/02/24 16:10	3.265	29.371	32.636	0.378			1.0	173	30
25/02/24 16:15	7.100	28.943	36.044	0.348			2.3	203	20
25/02/24 16:20	109.695	45.555	155.250	0.716			3.8	194	14
25/02/24 16:25	23.477	15.343	38.820	0.849			5.0	197	09
25/02/24 16:30	247.326	56.667	303.993	1.750			5.1	190	09
25/02/24 16:35	83.290	52.567	135.858	2.267			3.7	190	09
25/02/24 16:40	6.491	18.097	24.588	1.553			4.5	197	09
25/02/24 16:45	0.542	4.861	5.402	0.938			4.0	190	10
25/02/24 16:50	0.201	3.571	3.773	0.717			3.5	188	12
25/02/24 16:55	0.356	3.526	3.882	0.454			3.3	191	13
25/02/24 17:00	0.342	2.969	3.311	0.429			3.5	191	12
25/02/24 17:05	0.309	2.667	2.976	0.341			3.6	189	11
25/02/24 17:10	0.273	2.577	2.851	0.481			3.3	186	15
25/02/24 17:15	0.230	2.724	2.954	0.496			2.6	180	17
25/02/24 17:20	0.293	2.999	3.292	0.541			2.2	180	19
25/02/24 17:25	0.291	3.808	4.099	0.610			1.8	175	17
25/02/24 17:30	0.344	4.872	5.216	0.563			1.4	188	16
25/02/24 17:35	0.922	22.508	23.430	0.489			1.6	197	11
25/02/24 17:40	1.101	15.428	16.530	0.571			0.3	177	54
25/02/24 17:45	1.358	29.915	31.273	0.504			0.5	150	39
25/02/24 17:50	13.950	44.052	58.002	0.575			1.1	104	12
25/02/24 17:55	18.931	22.322	41.253	0.589			0.8	119	20
25/02/24 18:00	1.211	12.124	13.335	0.612			0.9	130	17
25/02/24 18:05	0.011	8.521	8.532	0.557			0.9	164	32
25/02/24 18:10	0.247	8.241	8.487	0.372			1.5	186	21
25/02/24 18:15	0.395	9.863	10.258	0.277			5.3	203	07
25/02/24 18:20	0.198	3.701	3.899	0.302			4.8	194	08
25/02/24 18:25	-0.002	1.870	1.868	0.329			5.4	191	09
25/02/24 18:30	0.356	7.523	7.879	0.406			5.9	192	09
25/02/24 18:35	0.357	1.541	1.898	0.412			6.7	197	07
25/02/24 18:40	0.340	1.346	1.687	0.290			6.1	194	09
25/02/24 18:45	0.311	1.323	1.634	0.352			7.9	198	07
25/02/24 18:50	0.389	1.314	1.703	0.332			8.0	197	07
25/02/24 18:55	0.387	1.225	1.612	0.287			7.2	192	08
25/02/24 19:00	0.243	1.173	1.416	0.175			7.0	193	07
25/02/24 19:05	0.227	1.127	1.354	0.119			7.1	194	09
25/02/24 19:10	0.179	1.121	1.300	-0.002			7.0	197	08
25/02/24 19:15	0.233	0.964	1.197	-0.027			6.7	195	09
25/02/24 19:20	0.240	0.870	1.110	0.051			6.6	189	11
25/02/24 19:25	0.218	0.834	1.052	0.247			6.3	193	09
25/02/24 19:30	0.254	0.739	0.993	0.024			7.1	194	08
25/02/24 19:35	0.283	0.742	1.026	-0.120			6.1	192	11
25/02/24 19:40	0.203	1.034	1.236	-0.126			5.8	188	12
25/02/24 19:45	0.228	1.292	1.520	-0.143			5.9	190	11
25/02/24 19:50	0.267	1.261	1.529	-0.094			5.4	190	11
25/02/24 19:55	0.350	1.260	1.610	0.010			5.2	189	13
25/02/24 20:00	0.345	1.282	1.627	0.041			4.8	183	11
25/02/24 20:05	0.359	1.367	1.726	0.088			4.4	187	13
25/02/24 20:10	0.310	1.508	1.818	0.254			4.5	190	12
25/02/24 20:15	0.234	1.340	1.575	0.202			5.6	195	09
25/02/24 20:20	0.183	1.119	1.302	0.109			6.1	194	07
25/02/24 20:25	0.255	1.033	1.289	0.160			6.6	198	08
25/02/24 20:30	0.379	1.277	1.657	0.237			5.9	196	08
25/02/24 20:35	0.332	1.365	1.696	0.122			5.7	190	10
25/02/24 20:40	0.258	1.166	1.424	0.054			6.3	195	08
25/02/24 20:45	0.595	1.741	2.336	0.061			6.9	199	07
25/02/24 20:50	0.780	1.520	2.299	0.065			5.8	191	10
25/02/24 20:55	0.493	0.348	0.841	-0.001			5.3	187	11
25/02/24 21:00	0.282	0.358	0.640	-0.013			5.4	189	10
25/02/24 21:05	0.270	0.457	0.727	-0.099			5.4	193	08
25/02/24 21:10	0.229	0.525	0.754	-0.046			4.7	192	11
25/02/24 21:15	0.072	0.589	0.661	-0.053			4.7	192	10
25/02/24 21:20	-0.083	0.527	0.444	-0.070			5.2	195	10
25/02/24 21:25	-0.134	0.566	0.431	-0.078			4.7	192	10
25/02/24 21:30	-0.142	0.610	0.469	-0.163			4.9	191	09
25/02/24 21:35	-0.088	0.594	0.506	-0.174			4.6	192	10
25/02/24 21:40	0.075	0.561	0.636	-0.029			4.5	196	08
25/02/24 21:45	0.097	0.701	0.799	-0.043			5.3	199	08
25/02/24 21:50	0.049	0.767	0.816	0.013			5.6	202	05
25/02/24 21:55	0.034	0.709	0.743	0.159			5.3	200	07
25/02/24 22:00	0.018	0.613	0.631	0.229			5.4	203	07

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/02/24 22:05	0.047	0.504	0.551	0.177			5.1	200	11
25/02/24 22:10	0.018	0.511	0.528	0.258			5.4	200	06
25/02/24 22:15	0.053	0.496	0.549	0.273			5.3	202	07
25/02/24 22:20	0.032	0.486	0.517	0.227			5.1	199	05
25/02/24 22:25	-0.012	0.622	0.610	0.124			4.8	196	08
25/02/24 22:30	-0.176	0.856	0.680	-0.017			5.0	204	08
25/02/24 22:35	-0.125	1.008	0.883	-0.026			4.9	202	09
25/02/24 22:40	1.058	4.454	5.512	0.031			4.9	202	06
25/02/24 22:45	0.572	2.715	3.287	-0.056			5.0	200	06
25/02/24 22:50	0.419	2.657	3.076	0.037			4.7	199	07
25/02/24 22:55	0.381	2.979	3.360	0.057			5.0	205	05
25/02/24 23:00	0.335	3.090	3.425	0.106			5.8	204	04
25/02/24 23:05	0.397	3.069	3.466	0.151			5.2	204	06
25/02/24 23:10	0.361	2.781	3.142	0.164			4.7	200	07
25/02/24 23:15	0.322	2.339	2.661	0.178			4.9	203	08
25/02/24 23:20	0.245	1.844	2.088	0.190			5.3	204	06
25/02/24 23:25	0.178	1.461	1.639	0.146			4.5	205	10
25/02/24 23:30	0.126	1.186	1.312	0.207			3.8	197	09
25/02/24 23:35	0.045	1.032	1.077	0.161			4.6	200	09
25/02/24 23:40	0.022	0.899	0.921	0.162			5.5	203	06
25/02/24 23:45	0.044	0.736	0.780	0.372			4.4	199	06
25/02/24 23:50	-0.027	0.655	0.628				4.5	201	06
25/02/24 23:55	-0.138	0.634	0.496				4.0	193	11
26/02/24 00:00	-0.117	0.562	0.445	0.460			3.3	195	11
26/02/24 00:05	-0.070	0.534	0.464	0.404			4.3	200	09
26/02/24 00:10	-0.057	0.547	0.490	0.302			5.1	205	04
26/02/24 00:15	-0.022	0.547	0.525	0.444			5.0	202	05
26/02/24 00:20	0.055	0.594	0.649	0.389			4.9	203	06
26/02/24 00:25	0.052	0.556	0.608	0.399			4.9	204	07
26/02/24 00:30	0.072	0.491	0.563	0.508			4.6	206	07
26/02/24 00:35	0.097	0.563	0.661	0.493			4.7	207	08
26/02/24 00:40	0.129	0.785	0.913	0.536			3.8	203	10
26/02/24 00:45	0.128	0.792	0.920	0.570			4.9	203	06
26/02/24 00:50	0.199	0.755	0.954	0.513			4.2	201	08
26/02/24 00:55	0.134	0.778	0.912	0.415			4.7	202	07
26/02/24 01:00	0.100	0.636	0.736	0.410			3.8	193	09
26/02/24 01:05							3.1	191	10
26/02/24 01:10							4.3	198	09
26/02/24 01:15							4.7	200	08
26/02/24 01:20							5.4	202	07
26/02/24 01:25							5.3	201	04
26/02/24 01:30							4.7	202	06
26/02/24 01:35							4.6	208	08
26/02/24 01:40							4.5	209	07
26/02/24 01:45							4.3	195	07
26/02/24 01:50							3.4	189	10
26/02/24 01:55							2.7	189	13
26/02/24 02:00							2.4	184	15
26/02/24 02:05	0.149	0.480	0.628	0.418			3.4	190	13
26/02/24 02:10	0.178	0.465	0.644	0.465			3.5	186	11
26/02/24 02:15	0.224	0.441	0.665	0.359			2.7	180	14
26/02/24 02:20	0.274	0.432	0.706	0.324			2.8	183	15
26/02/24 02:25	0.212	0.445	0.657	0.341			3.8	189	10
26/02/24 02:30	0.117	0.369	0.486	0.336			4.0	198	09
26/02/24 02:35	0.034	0.377	0.411	0.164			2.6	189	15
26/02/24 02:40	-0.015	0.482	0.467	0.207			3.3	190	09
26/02/24 02:45	-0.039	0.512	0.473	0.216			3.2	190	08
26/02/24 02:50	-0.082	0.480	0.398	0.152			2.7	194	10
26/02/24 02:55	-0.154	0.412	0.258	0.147			3.0	191	09
26/02/24 03:00	-0.118	0.413	0.295	0.338			3.1	193	12
26/02/24 03:05	-0.030	0.465	0.435	0.206			3.8	200	09
26/02/24 03:10	0.036	0.749	0.785	0.325			3.8	209	10
26/02/24 03:15	0.017	0.733	0.750	0.320			4.5	210	08
26/02/24 03:20	0.096	0.905	1.002	0.219			4.3	237	11
26/02/24 03:25	1.022	4.473	5.496	0.210			4.0	254	08
26/02/24 03:30	1.689	8.800	10.489	0.215			4.3	252	08
26/02/24 03:35	1.608	5.570	7.178	0.287			4.3	251	08
26/02/24 03:40	1.211	3.569	4.779	0.300			3.7	244	07
26/02/24 03:45	0.747	2.747	3.494	0.236			3.8	244	08
26/02/24 03:50	0.585	2.410	2.995	0.222			4.2	242	07
26/02/24 03:55	0.368	2.235	2.603	0.275			4.1	244	07
26/02/24 04:00	0.369	2.193	2.562	0.334			4.0	241	08
26/02/24 04:05	0.299	2.109	2.408	0.347			4.1	243	06
26/02/24 04:10	0.228	2.071	2.299	0.356			3.7	245	08
26/02/24 04:15	0.238	2.151	2.388	0.283			3.7	248	07
26/02/24 04:20	0.839	3.616	4.455	0.387			4.1	241	07
26/02/24 04:25	0.865	3.073	3.938	0.445			5.0	233	07
26/02/24 04:30	0.665	1.690	2.355	0.412			5.7	235	05
26/02/24 04:35	0.402	1.295	1.697	0.450			4.8	234	07
26/02/24 04:40	0.217	1.402	1.618	0.468			4.2	227	06
26/02/24 04:45	0.130	1.572	1.701	0.456			5.3	216	23
26/02/24 04:50	0.124	1.562	1.686	0.421			6.1	198	07
26/02/24 04:55	0.046	1.503	1.549	0.492			6.0	200	07
26/02/24 05:00	0.015	1.589	1.604	0.446			6.1	196	07
26/02/24 05:05	0.111	1.430	1.541	0.386			5.6	193	08
26/02/24 05:10	0.166	1.294	1.460	0.500			5.3	195	06
26/02/24 05:15	0.164	1.167	1.330	0.460			4.4	193	09
26/02/24 05:20	0.207	1.222	1.429	0.434			5.0	198	07
26/02/24 05:25	0.241	1.393	1.634	0.410			4.7	196	08
26/02/24 05:30	0.295	1.351	1.646	0.289			5.0	201	07
26/02/24 05:35	0.204	1.170	1.374	0.246			4.6	201	06
26/02/24 05:40	24.464	15.163	39.626	0.327			4.6	193	10
26/02/24 05:45	100.844	20.668	121.512	0.396			4.4	208	09
26/02/24 05:50	61.569	1.791	63.361	0.661			5.5	213	08
26/02/24 05:55	18.858	8.369	27.228	0.619			4.6	215	10
26/02/24 06:00	43.248	14.959	58.207	0.739			3.8	198	15
26/02/24 06:05	93.897	30.039	123.936	0.812			5.1	193	09
26/02/24 06:10	11.404	8.671	20.075	0.989			5.3	191	10
26/02/24 06:15	6.040	4.200	10.239	1.131			5.4	188	10
26/02/24 06:20	61.768	8.803	70.571	1.137			4.1	196	10
26/02/24 06:25	171.310	14.273	185.584	1.405			3.7	196	10
26/02/24 06:30	78.349	12.207	90.556	1.880			4.5	195	09
26/02/24 06:35	64.628	25.182	89.810	2.082			4.1	190	10
26/02/24 06:40	14.044	9.901	23.946	2.101			4.6	190	12

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/02/24 06:45	16.714	6.931	23.645	1.882			4.2	193	14
26/02/24 06:50	16.838	6.790	23.629	1.692			4.6	187	12
26/02/24 06:55	14.299	7.046	21.345	1.714			4.7	190	12
26/02/24 07:00	9.152	5.258	14.411	1.592			4.3	190	12
26/02/24 07:05	21.996	0.125	22.121	1.495			4.4	193	10
26/02/24 07:10	24.968	6.584	31.552	1.461			4.4	192	11
26/02/24 07:15	10.698	5.090	15.788	1.432			4.1	189	13
26/02/24 07:20	34.315	9.587	43.903	1.418			4.5	193	10
26/02/24 07:25	10.475	5.377	15.852	1.312			4.3	193	10
26/02/24 07:30	54.691	10.461	65.152	1.250			4.6	193	09
26/02/24 07:35	47.339	11.796	59.135	1.383			4.2	193	10
26/02/24 07:40	2.405	2.775	5.179	1.495			4.4	183	14
26/02/24 07:45	1.255	1.630	2.885	1.165			3.6	181	15
26/02/24 07:50	1.158	1.729	2.887	0.928			4.6	188	12
26/02/24 07:55	2.091	2.367	4.458	0.966			4.1	185	12
26/02/24 08:00	3.531	3.723	7.254	1.158			3.2	178	19
26/02/24 08:05				1.060			3.2	171	19
26/02/24 08:10	1.903	2.493	4.396	1.107			2.7	166	23
26/02/24 08:15	2.450	2.060	4.510	1.119			3.1	177	23
26/02/24 08:20	3.557	2.326	5.884	0.954			4.1	177	18
26/02/24 08:25	7.276	9.619	16.895	1.015			3.0	169	23
26/02/24 08:30	5.132	3.143	8.276	1.088			2.8	167	25
26/02/24 08:35	3.538	1.188	4.726	0.934			3.3	163	25
26/02/24 08:40	0.408	0.931	1.339	0.847			3.3	157	25
26/02/24 08:45	1.505	0.678	2.183	1.001			3.4	158	23
26/02/24 08:50	2.421	0.121	2.542	0.928			2.8	174	23
26/02/24 08:55	1.769	2.017	3.786	0.959			3.3	181	21
26/02/24 09:00	1.742	1.423	3.165	0.949			2.9	156	28
26/02/24 09:05	37.437	6.447	43.883	1.093			3.3	169	24
26/02/24 09:10	75.876	18.407	94.284	1.157			3.6	182	18
26/02/24 09:15	65.755	21.705	87.460	1.165			3.5	182	14
26/02/24 09:20	31.692	12.814	44.506	1.217			3.2	184	19
26/02/24 09:25	19.521	9.122	28.643	1.000			3.0	179	18
26/02/24 09:30	15.117	7.590	22.708	0.906			3.0	178	20
26/02/24 09:35	5.217	2.533	7.749	0.762			2.8	167	23
26/02/24 09:40	1.578	2.181	3.760	0.704			2.1	167	27
26/02/24 09:45	1.124	3.530	4.654	0.533			2.9	166	19
26/02/24 09:50	3.885	4.326	8.210	0.412			2.6	180	21
26/02/24 09:55	7.717	3.173	10.890	0.591			3.1	176	19
26/02/24 10:00	3.636	4.746	8.381	0.725			2.7	168	25
26/02/24 10:05	2.919	3.514	6.433	0.638			2.6	168	21
26/02/24 10:10	3.922	3.027	6.949	0.651			2.6	166	24
26/02/24 10:15	3.493	5.295	8.788	0.650			3.1	173	20
26/02/24 10:20	26.627	14.083	40.711	0.535			3.5	189	15
26/02/24 10:25	41.285	19.012	60.297	0.789			3.6	190	12
26/02/24 10:30	23.145	10.509	33.655	0.813			2.5	184	18
26/02/24 10:35	20.800	11.260	32.060	0.829			2.9	191	14
26/02/24 10:40	26.847	14.902	41.749	0.811			3.3	198	13
26/02/24 10:45	59.240	24.340	83.580	1.004			4.3	195	11
26/02/24 10:50	32.152	10.989	43.141	1.073			3.8	194	11
26/02/24 10:55	48.439	14.511	62.950	1.225			4.7	196	10
26/02/24 11:00	39.800	16.918	56.718	1.360			4.0	191	13
26/02/24 11:05	30.940	15.072	46.013	1.315			3.6	195	16
26/02/24 11:10	43.479	12.942	56.421	1.383			3.9	197	10
26/02/24 11:15	34.975	10.910	45.885	1.383			3.8	194	11
26/02/24 11:20	37.624	15.672	53.296	1.411			3.7	197	10
26/02/24 11:25	41.211	6.000	47.211	1.484			3.8	195	12
26/02/24 11:30	46.482	21.844	68.326	1.621			4.3	196	13
26/02/24 11:35	43.688	19.698	63.386	1.714			3.6	195	09
26/02/24 11:40	54.469	19.187	73.656	1.808			3.8	196	11
26/02/24 11:45	39.319	10.809	50.127	1.850			3.8	198	15
26/02/24 11:50	69.452	15.312	84.763	1.864			4.0	197	11
26/02/24 11:55	44.877	17.966	62.842	2.156			4.3	199	11
26/02/24 12:00	30.807	13.704	44.511	2.234			3.7	195	11
26/02/24 12:05	62.368	22.502	84.870	2.039			3.9	199	09
26/02/24 12:10	117.634	15.620	133.253	2.382			3.7	198	12
26/02/24 12:15	66.352	22.777	89.129	3.154			4.5	197	09
26/02/24 12:20	43.542	15.700	59.242	2.937			4.4	198	10
26/02/24 12:25	43.681	30.168	73.849	2.872			4.0	200	12
26/02/24 12:30	44.680	12.063	56.742	2.290			4.0	194	10
26/02/24 12:35	106.410	31.099	137.509	2.709			4.0	194	10
26/02/24 12:40	60.618	16.432	77.050	2.604			4.6	195	10
26/02/24 12:45	80.474	30.930	111.404	4.302			4.8	196	11
26/02/24 12:50	61.756	17.387	79.143	3.684			4.7	199	12
26/02/24 12:55	109.696	15.975	125.671	3.912			4.5	198	11
26/02/24 13:00	81.804	22.867	104.672	5.627			4.9	205	09
26/02/24 13:05				4.832			4.4	198	13
26/02/24 13:10	109.753	35.030	144.783	5.704			4.4	204	12
26/02/24 13:15	99.925	31.129	131.054	6.571			4.3	195	14
26/02/24 13:20	71.094	22.604	93.698	6.045			4.6	202	12
26/02/24 13:25	73.890	14.388	88.278	5.467			5.0	204	11
26/02/24 13:30	70.973	24.276	95.248	5.168			4.5	201	13
26/02/24 13:35	50.029	10.861	60.889	4.785			4.8	190	12
26/02/24 13:40	56.962	18.012	74.974	4.454			4.8	198	10
26/02/24 13:45	91.649	29.623	121.272	4.757			4.8	201	11
26/02/24 13:50				5.761			4.4	195	12
26/02/24 13:55	74.897	20.398	95.295	6.416			4.5	192	11
26/02/24 14:00	118.484	13.623	132.107	6.956			4.9	195	10
26/02/24 14:05	151.938	18.761	170.699	10.528			4.7	194	13
26/02/24 14:10	131.205	15.023	146.228	8.901			4.9	200	13
26/02/24 14:15	119.628	31.320	150.948	8.625			4.7	202	12
26/02/24 14:20	111.523	14.282	125.805	8.012			5.6	204	12
26/02/24 14:25	122.882	15.167	138.049	8.507			5.0	199	12
26/02/24 14:30	136.237	11.222	147.458	10.656			5.2	203	12
26/02/24 14:35	122.644	23.677	146.321	9.952			4.8	205	13
26/02/24 14:40	96.450	14.599	111.049	8.482			4.9	201	11
26/02/24 14:45	117.392	33.987	151.379	10.361			5.3	194	12
26/02/24 14:50	197.544	24.490	222.035	12.649			5.1	198	11
26/02/24 14:55	177.035	23.665	200.700	13.142			4.9	198	11
26/02/24 15:00	172.161	38.241	210.402	13.498			4.5	200	11
26/02/24 15:05	194.045	16.980	211.025	13.083			4.6	196	09
26/02/24 15:10	187.146	17.500	204.646	16.405			4.7	196	09
26/02/24 15:15	170.390	28.787	199.177	16.345			5.3	194	10
26/02/24 15:20	73.886	13.007	86.893	12.662			5.2	194	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/02/24 15:25				11.896			4.9	199	10
26/02/24 15:30	162.838	22.254	185.093	13.783			4.5	198	12
26/02/24 15:35	146.691	20.646	167.338	16.128			4.9	194	11
26/02/24 15:40	174.455	20.658	195.113	16.097			4.8	194	11
26/02/24 15:45	106.032	30.819	136.851	14.899			4.8	198	09
26/02/24 15:50	102.114	13.234	115.348	14.109			5.2	196	09
26/02/24 15:55	77.334	20.203	97.537	9.029			5.4	192	09
26/02/24 16:00	111.670	12.695	124.365	6.955			5.9	193	08
26/02/24 16:05	49.277	7.471	56.748	4.922			4.9	191	11
26/02/24 16:10	52.709	4.832	57.541	3.847			6.5	194	05
26/02/24 16:15	58.275	8.552	66.827	3.425			6.1	193	07
26/02/24 16:20	84.447	20.877	105.324	3.268			5.8	194	07
26/02/24 16:25	63.879	14.867	78.746	2.985			6.3	194	06
26/02/24 16:30	70.983	5.208	76.190	2.666			5.1	191	10
26/02/24 16:35	77.069	24.062	101.131	2.508			6.2	194	05
26/02/24 16:40	28.745	13.570	42.315	2.609			6.1	194	06
26/02/24 16:45	58.577	15.259	73.836	2.638			5.5	192	09
26/02/24 16:50	21.243	5.195	26.438	2.507			6.0	194	09
26/02/24 16:55	84.058	14.597	98.655	2.207			5.2	192	09
26/02/24 17:00	73.369	24.131	97.500	1.960			4.9	192	08
26/02/24 17:05	82.283	21.141	103.424	1.898			5.0	191	08
26/02/24 17:10	13.670	5.060	18.730	1.754			5.4	193	07
26/02/24 17:15	2.726	3.592	6.318	1.409			5.9	194	06
26/02/24 17:20	10.572	15.182	25.754	1.297			4.7	192	10
26/02/24 17:25	23.310	13.995	37.305	1.230			3.4	188	12
26/02/24 17:30	9.726	4.869	14.594	1.065			3.1	174	23
26/02/24 17:35	34.385	8.281	42.666	1.029			3.6	184	19
26/02/24 17:40	46.722	13.911	60.633	1.124			3.8	184	13
26/02/24 17:45	42.013	12.421	54.434	1.061			4.0	189	11
26/02/24 17:50	22.733	12.854	35.587	0.998			3.8	186	15
26/02/24 17:55	32.853	13.336	46.189	0.966			3.9	186	14
26/02/24 18:00	44.701	17.793	62.494	0.853			4.3	187	14
26/02/24 18:05	15.852	11.218	27.070	0.882			3.3	180	16
26/02/24 18:10	38.757	13.739	52.496	0.789			3.9	182	16
26/02/24 18:15	15.725	10.069	25.794	0.872			2.8	179	20
26/02/24 18:20	5.895	4.987	10.882	0.797			3.2	177	19
26/02/24 18:25	84.893	16.930	101.823	0.790			4.0	188	14
26/02/24 18:30	132.174	22.424	154.598	1.117			4.0	184	17
26/02/24 18:35	2.853	2.644	5.497	1.115			3.5	166	21
26/02/24 18:40	0.243	1.117	1.360	0.978			3.5	157	23
26/02/24 18:45	0.222	0.914	1.136	0.862			2.8	162	25
26/02/24 18:50	0.128	0.919	1.047	0.546			2.8	167	26
26/02/24 18:55	0.201	0.973	1.174	0.452			3.3	174	23
26/02/24 19:00	0.146	1.031	1.177	0.382			3.7	155	23
26/02/24 19:05	0.038	1.115	1.154	0.393			3.1	162	26
26/02/24 19:10	0.047	1.071	1.117	0.518			2.6	170	26
26/02/24 19:15	-0.001	0.913	0.912	0.551			3.4	161	26
26/02/24 19:20	0.026	0.859	0.885	0.439			4.1	168	21
26/02/24 19:25	0.034	0.914	0.948	0.395			4.8	139	15
26/02/24 19:30	0.037	0.962	0.999	0.319			3.6	129	17
26/02/24 19:35	0.016	1.069	1.084	0.310			4.3	133	13
26/02/24 19:40	0.058	1.060	1.118	0.383			3.1	127	19
26/02/24 19:45	0.135	1.018	1.153	0.312			3.5	130	19
26/02/24 19:50	0.193	1.015	1.208	0.251			4.2	136	17
26/02/24 19:55	0.347	0.986	1.333	0.253			4.6	137	18
26/02/24 20:00	0.371	0.979	1.350	0.256			3.5	129	16
26/02/24 20:05	0.212	0.999	1.211	0.378			4.3	135	12
26/02/24 20:10	0.099	1.093	1.191	0.180			4.6	138	14
26/02/24 20:15	0.219	1.128	1.347	0.174			4.3	131	10
26/02/24 20:20	0.203	1.128	1.331	0.359			3.5	124	18
26/02/24 20:25	0.093	1.141	1.234	0.378			2.9	129	18
26/02/24 20:30	0.056	1.175	1.231	0.346			3.1	127	21
26/02/24 20:35	0.062	1.143	1.205	0.316			3.7	131	15
26/02/24 20:40	0.037	1.037	1.075	0.249			5.1	137	11
26/02/24 20:45	-0.016	0.969	0.953	0.152			4.5	133	12
26/02/24 20:50	-0.078	0.888	0.810	0.125			3.0	124	19
26/02/24 20:55	-0.096	0.790	0.694	0.094			4.4	130	14
26/02/24 21:00	-0.117	0.794	0.677	0.078			4.2	133	15
26/02/24 21:05	-0.080	0.784	0.704	0.044			3.6	134	17
26/02/24 21:10	0.039	0.843	0.883	0.081			4.2	134	15
26/02/24 21:15	-0.027	0.847	0.821	0.033			3.2	132	17
26/02/24 21:20	0.110	0.856	0.967	-0.032			2.2	131	20
26/02/24 21:25	0.111	0.933	1.043	-0.068			3.3	132	15
26/02/24 21:30	0.120	0.975	1.095	-0.014			3.4	136	18
26/02/24 21:35	0.447	0.966	1.412	-0.007			3.3	128	18
26/02/24 21:40	0.528	0.920	1.448	0.125			2.9	129	21
26/02/24 21:45	0.469	0.926	1.395	0.043			3.8	138	19
26/02/24 21:50	0.363	0.830	1.193	-0.008			3.7	142	19
26/02/24 21:55	0.152	0.854	1.006	0.051			4.3	139	13
26/02/24 22:00	0.053	0.867	0.919	0.116			3.9	133	15
26/02/24 22:05	0.023	0.861	0.884	0.148			2.9	132	26
26/02/24 22:10	0.071	0.975	1.046	0.179			2.9	136	20
26/02/24 22:15	0.077	1.013	1.090	0.129			4.2	139	14
26/02/24 22:20	0.057	0.928	0.985	0.142			4.1	145	18
26/02/24 22:25	-0.010	0.929	0.918	0.179			3.5	131	12
26/02/24 22:30	0.009	0.926	0.935	0.276			4.0	135	14
26/02/24 22:35	-0.078	0.916	0.838	0.264			3.7	134	15
26/02/24 22:40	-0.098	0.911	0.813	0.215			4.7	139	10
26/02/24 22:45	-0.059	0.843	0.784	0.138			3.0	139	17
26/02/24 22:50	-0.118	0.797	0.679	0.104			4.5	140	09
26/02/24 22:55	-0.109	0.765	0.656	0.255			3.9	149	17
26/02/24 23:00	-0.113	0.799	0.686	0.204			3.5	147	20
26/02/24 23:05	-0.050	0.836	0.786	0.165			3.6	146	21
26/02/24 23:10	-0.036	0.817	0.780	0.168			3.4	140	19
26/02/24 23:15	-0.024	0.813	0.788	0.240			3.9	138	15
26/02/24 23:20	0.068	0.789	0.858	0.488			3.7	145	18
26/02/24 23:25	0.102	0.754	0.856	0.412			3.5	147	21
26/02/24 23:30	0.035	0.718	0.754	0.257			3.0	144	25
26/02/24 23:35	0.048	0.718	0.766	0.182			4.2	140	14
26/02/24 23:40	0.002	0.727	0.729	0.156			3.2	142	18
26/02/24 23:45	-0.072	0.786	0.714	0.201			3.3	147	18
26/02/24 23:50	-0.107	0.929	0.822				3.2	147	20
26/02/24 23:55	-0.112	1.135	1.023				2.9	145	23
27/02/24 00:00	-0.146	1.278	1.132	0.605			3.1	140	19

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/02/24 00:05	-0.078	1.394	1.316	0.535			3.5	141	17
27/02/24 00:10	-0.073	1.379	1.305	0.359			2.8	141	20
27/02/24 00:15	-0.192	1.371	1.179	0.163			2.5	129	19
27/02/24 00:20	-0.116	1.322	1.207	0.018			3.0	141	17
27/02/24 00:25	-0.059	1.422	1.363	0.076			2.8	139	16
27/02/24 00:30	0.077	1.473	1.551	0.143			2.4	147	22
27/02/24 00:35	0.058	1.439	1.497	0.258			2.5	152	23
27/02/24 00:40	-0.002	1.555	1.553	0.291			2.7	136	17
27/02/24 00:45	0.077	1.546	1.623	0.242			3.4	140	14
27/02/24 00:50	0.127	1.488	1.615	0.234			3.5	140	16
27/02/24 00:55	0.162	1.694	1.855	0.197			2.9	132	19
27/02/24 01:00	0.178	1.858	2.036	0.370			2.9	141	17
27/02/24 01:05							2.7	137	20
27/02/24 01:10							3.4	144	14
27/02/24 01:15							2.8	147	18
27/02/24 01:20							2.6	147	21
27/02/24 01:25							2.7	142	20
27/02/24 01:30							2.6	141	21
27/02/24 01:35							3.2	141	13
27/02/24 01:40							2.8	140	20
27/02/24 01:45							2.3	151	21
27/02/24 01:50							2.8	147	17
27/02/24 01:55							3.1	147	17
27/02/24 02:00							3.3	146	16
27/02/24 02:05	0.059	2.448	2.507	0.496			2.7	148	21
27/02/24 02:10	0.056	2.403	2.459	0.556			2.3	156	22
27/02/24 02:15	-0.008	2.305	2.297	0.446			2.4	149	25
27/02/24 02:20	-0.020	2.301	2.281	0.528			2.7	152	24
27/02/24 02:25	-0.003	2.240	2.237	0.420			2.0	156	27
27/02/24 02:30	-0.030	2.072	2.042	0.552			2.2	153	25
27/02/24 02:35	-0.083	1.975	1.892	0.562			2.3	153	29
27/02/24 02:40	-0.137	1.867	1.731	0.497			2.8	148	20
27/02/24 02:45	-0.173	1.786	1.613	0.433			3.0	147	23
27/02/24 02:50	-0.241	1.726	1.485	0.449			3.2	141	21
27/02/24 02:55	-0.160	1.649	1.490	0.506			3.2	144	16
27/02/24 03:00	-0.079	1.614	1.535	0.552			3.8	136	10
27/02/24 03:05	-0.057	1.569	1.512	0.389			3.3	133	14
27/02/24 03:10	0.024	1.471	1.494	0.252			2.7	132	18
27/02/24 03:15	0.136	1.414	1.549	0.308			2.6	136	16
27/02/24 03:20	0.165	1.432	1.597	0.313			2.3	119	15
27/02/24 03:25	0.162	1.446	1.608	0.314			2.4	125	16
27/02/24 03:30	0.089	1.489	1.578	0.387			2.2	124	18
27/02/24 03:35	0.066	1.613	1.679	0.350			3.0	108	09
27/02/24 03:40	0.080	1.705	1.786	0.447			1.9	118	19
27/02/24 03:45	0.021	1.876	1.898	0.436			1.6	127	22
27/02/24 03:50	0.204	2.086	2.290	0.339			2.1	132	14
27/02/24 03:55	0.080	2.299	2.379	0.292			1.8	132	19
27/02/24 04:00	0.024	2.442	2.466	0.427			1.9	134	17
27/02/24 04:05	0.079	2.563	2.642	0.424			1.4	126	21
27/02/24 04:10	0.132	2.711	2.843	0.388			1.4	122	20
27/02/24 04:15	0.194	2.703	2.896	0.458			2.1	133	15
27/02/24 04:20	0.184	2.617	2.801	0.471			1.5	124	19
27/02/24 04:25	0.235	2.686	2.921	0.471			1.0	131	27
27/02/24 04:30	0.473	3.234	3.707	0.470			1.8	136	16
27/02/24 04:35	0.504	3.171	3.675	0.556			1.6	128	31
27/02/24 04:40	0.503	3.602	4.105	0.685			2.4	118	17
27/02/24 04:45	0.441	3.801	4.242	0.825			1.9	121	20
27/02/24 04:50	0.375	3.378	3.754	0.903			2.5	128	15
27/02/24 04:55	0.226	3.230	3.456	0.805			2.1	124	17
27/02/24 05:00	0.192	3.203	3.394	0.783			2.7	115	10
27/02/24 05:05	0.135	3.271	3.406	0.659			2.4	115	15
27/02/24 05:10	0.110	3.197	3.307	0.482			2.3	121	15
27/02/24 05:15	0.151	3.399	3.550	0.520			2.0	95	13
27/02/24 05:20	0.078	4.264	4.342	0.629			2.0	91	10
27/02/24 05:25	-0.004	5.005	5.001	0.676			1.7	74	15
27/02/24 05:30	0.159	5.540	5.699	0.770			1.7	69	16
27/02/24 05:35	0.232	6.263	6.495	0.776			1.5	77	20
27/02/24 05:40	0.447	6.916	7.363	0.701			1.7	70	12
27/02/24 05:45	0.536	7.060	7.595	0.828			1.3	63	16
27/02/24 05:50	0.620	7.973	8.593	0.728			1.1	42	14
27/02/24 05:55	0.788	8.961	9.748	0.770			1.2	37	08
27/02/24 06:00	39.222	14.304	53.526	0.831			0.7	28	23
27/02/24 06:05	48.724	21.106	69.831	1.033			1.2	320	22
27/02/24 06:10	71.164	21.437	92.601	1.202			1.3	323	16
27/02/24 06:15	73.147	19.302	92.449	1.194			0.7	333	20
27/02/24 06:20	68.063	23.338	91.401	1.433			1.0	342	12
27/02/24 06:25	58.461	21.972	80.433	1.349			1.0	356	19
27/02/24 06:30	52.768	16.772	69.540	1.232			1.2	6	19
27/02/24 06:35	50.994	18.056	69.050	1.270			1.0	343	28
27/02/24 06:40	47.713	20.172	67.885	1.098			0.8	327	21
27/02/24 06:45	45.635	19.940	65.575	1.156			0.9	353	25
27/02/24 06:50	44.949	18.877	63.826	1.319			1.3	323	17
27/02/24 06:55	46.172	18.747	64.918	1.316			1.4	328	27
27/02/24 07:00	48.767	18.349	67.117	1.426			1.7	308	12
27/02/24 07:05	53.483	17.947	71.430	1.580			1.6	303	23
27/02/24 07:10	68.356	19.035	87.391	1.656			1.2	360	25
27/02/24 07:15	81.176	18.154	99.330	1.771			1.1	326	35
27/02/24 07:20	63.494	20.093	83.587	1.774			1.5	339	14
27/02/24 07:25	62.125	19.438	81.563	1.789			0.9	308	33
27/02/24 07:30	44.833	23.860	68.693	1.826			1.4	320	17
27/02/24 07:35	47.497	17.711	65.208	1.723			0.9	297	30
27/02/24 07:40	39.436	15.179	54.615	1.558			1.4	312	21
27/02/24 07:45	17.016	12.791	29.808	1.483			1.4	313	34
27/02/24 07:50	8.648	7.412	16.060	1.390			1.5	286	28
27/02/24 07:55	9.188	9.641	18.829	1.186			1.3	314	37
27/02/24 08:00	10.118	11.037	21.155	1.183			1.3	299	30
27/02/24 08:05	10.596	10.962	21.558	1.169			1.2	307	37
27/02/24 08:10	11.672	11.979	23.652	1.150			2.0	23	17
27/02/24 08:15	12.899	10.948	23.847	1.255			1.6	354	26
27/02/24 08:20	12.798	10.784	23.583	1.247			1.9	11	27
27/02/24 08:25	13.092	10.741	23.833	1.197			1.2	325	31
27/02/24 08:30	13.747	11.045	24.792	1.133			2.0	303	23
27/02/24 08:35	13.843	10.870	24.713	1.089			0.9	295	54
27/02/24 08:40	13.510	10.584	24.094	1.172			1.6	290	24

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/02/24 08:45	13.455	10.426	23.881	1.105			1.4	22	41
27/02/24 08:50	13.439	10.345	23.785	1.262			1.3	328	34
27/02/24 08:55	12.346	9.710	22.056	1.342			1.5	350	32
27/02/24 09:00	11.324	9.125	20.448	1.203			1.1	320	32
27/02/24 09:05	10.658	8.890	19.548	1.069			0.9	309	35
27/02/24 09:10	10.750	9.100	19.850	1.275			1.3	276	36
27/02/24 09:15	10.812	9.129	19.941	1.325			1.7	38	26
27/02/24 09:20	11.369	9.311	20.680	1.341			0.7	4	54
27/02/24 09:25	11.198	9.454	20.652	1.492			1.3	287	26
27/02/24 09:30	10.937	9.456	20.393	1.407			1.2	325	40
27/02/24 09:35	10.815	9.543	20.358	1.428			1.3	264	44
27/02/24 09:40	10.670	9.602	20.272	1.311			1.4	258	25
27/02/24 09:45	10.667	9.729	20.395	1.224			1.1	207	26
27/02/24 09:50	11.110	9.851	20.961	1.134			0.5	87	81
27/02/24 09:55	12.422	10.557	22.979	1.251			0.5	12	80
27/02/24 10:00	13.731	13.330	27.061	1.352			1.2	34	28
27/02/24 10:05	14.663	13.980	28.643	1.372			1.5	37	18
27/02/24 10:10	15.323	13.859	29.182	1.454			0.9	27	48
27/02/24 10:15	16.095	13.675	29.770	1.480			0.7	338	57
27/02/24 10:20	16.356	13.650	30.006	1.485			0.5	346	77
27/02/24 10:25	15.719	13.679	29.398	1.554			0.8	146	70
27/02/24 10:30	15.448	13.532	28.980	1.503			1.5	152	20
27/02/24 10:35	15.446	13.379	28.824	1.331			1.8	197	15
27/02/24 10:40	15.806	13.349	29.155	1.260			1.2	164	24
27/02/24 10:45	15.579	13.247	28.825	1.313			1.9	206	11
27/02/24 10:50	15.692	13.468	29.160	1.367			2.6	210	07
27/02/24 10:55	16.356	13.649	30.004	1.367			2.7	207	05
27/02/24 11:00	17.375	13.892	31.268	1.333			2.3	193	19
27/02/24 11:05	17.348	13.970	31.318	1.294			1.9	162	21
27/02/24 11:10	17.081	14.065	31.147	1.184			1.3	157	26
27/02/24 11:15	16.427	14.024	30.451	1.166			1.6	146	20
27/02/24 11:20	15.652	13.827	29.479	1.181			1.5	156	22
27/02/24 11:25	14.684	13.723	28.408	1.234			1.4	156	30
27/02/24 11:30	13.986	13.652	27.639	1.161			1.4	159	28
27/02/24 11:35	13.034	13.354	26.388	1.121			1.6	159	27
27/02/24 11:40	24.703	3.827	28.530	1.087			1.7	161	30
27/02/24 11:45	41.841	38.175	80.016	1.090			1.6	158	30
27/02/24 11:50	9.251	11.809	21.060	1.035			2.4	149	21
27/02/24 11:55	9.489	11.633	21.122	0.931			1.6	167	26
27/02/24 12:00	12.237	13.773	26.010	1.069			1.8	159	28
27/02/24 12:05	9.792	12.257	22.049	1.085			2.0	158	27
27/02/24 12:10	9.535	12.675	22.210	0.942			2.1	170	24
27/02/24 12:15	9.767	12.873	22.641	0.829			1.9	176	21
27/02/24 12:20	11.608	14.167	25.775	0.915			2.3	178	18
27/02/24 12:25	10.986	13.445	24.431	1.112			2.4	168	24
27/02/24 12:30	10.113	12.992	23.105	0.905			2.6	187	16
27/02/24 12:35	10.157	13.122	23.279	0.924			2.7	192	13
27/02/24 12:40	10.314	13.272	23.586	0.971			2.8	186	16
27/02/24 12:45	10.387	13.498	23.884	0.941			2.8	188	16
27/02/24 12:50	10.658	13.398	24.056	0.914			2.8	187	18
27/02/24 12:55	11.218	13.711	24.930	0.964			2.7	186	16
27/02/24 13:00	10.799	14.076	24.875	1.081			2.9	188	14
27/02/24 13:05	10.737	14.245	24.982	0.987			2.6	185	17
27/02/24 13:10	10.568	14.390	24.958	0.813			3.0	187	16
27/02/24 13:15	10.160	14.419	24.579	0.782			3.2	187	14
27/02/24 13:20	9.799	14.373	24.172	0.737			3.1	189	17
27/02/24 13:25	9.311	14.351	23.663	0.836			2.7	187	16
27/02/24 13:30	9.019	14.339	23.358	0.846			2.8	181	18
27/02/24 13:35	8.776	14.341	23.117	0.825			2.5	187	15
27/02/24 13:40	8.338	14.276	22.614	0.843			2.8	192	16
27/02/24 13:45	8.158	14.165	22.322	0.825			2.4	177	15
27/02/24 13:50	8.029	14.071	22.100	0.823			2.5	178	21
27/02/24 13:55	7.474	14.422	21.895	0.757			2.4	186	19
27/02/24 14:00	6.106	14.259	20.364	0.812			2.3	185	20
27/02/24 14:05	5.725	13.532	19.258	0.772			2.1	176	22
27/02/24 14:10	5.539	12.513	18.052	0.740			2.2	186	20
27/02/24 14:15	5.607	12.354	17.961	0.638			2.2	181	19
27/02/24 14:20	5.953	12.160	18.112	0.693			2.3	191	17
27/02/24 14:25	5.214	11.423	16.637	0.618			2.5	187	17
27/02/24 14:30	5.074	11.578	16.652	0.632			2.3	185	17
27/02/24 14:35	4.792	11.430	16.223	0.596			2.2	191	16
27/02/24 14:40	4.611	10.940	15.550	0.590			2.7	200	14
27/02/24 14:45	3.909	11.214	15.123	0.620			2.9	201	11
27/02/24 14:50	3.396	10.741	14.137	0.662			2.5	195	15
27/02/24 14:55	3.352	10.580	13.932	0.646			2.8	204	10
27/02/24 15:00	3.292	10.391	13.683	0.570			3.0	201	11
27/02/24 15:05	3.023	9.993	13.016	0.564			2.7	204	13
27/02/24 15:10	2.796	9.739	12.534	0.560			2.8	206	09
27/02/24 15:15	2.473	9.465	11.937	0.541			3.0	204	11
27/02/24 15:20	2.145	9.245	11.390	0.470			3.2	198	11
27/02/24 15:25	2.154	9.179	11.333	0.520			3.3	198	10
27/02/24 15:30	2.264	9.130	11.394	0.556			3.0	201	10
27/02/24 15:35	2.250	9.172	11.422	0.637			2.5	199	16
27/02/24 15:40	2.899	12.254	15.153	0.663			2.9	198	12
27/02/24 15:45	3.774	21.012	24.786	0.670			2.4	205	18
27/02/24 15:50	4.794	21.752	26.546	0.661			3.1	213	06
27/02/24 15:55	5.431	20.734	26.165	0.731			2.1	198	15
27/02/24 16:00	5.671	20.820	26.491	0.772			1.6	186	23
27/02/24 16:05	5.844	20.712	26.555	0.794			1.4	196	21
27/02/24 16:10	6.194	21.447	27.640	0.793			1.5	191	20
27/02/24 16:15	6.751	22.888	29.639	0.768			1.7	188	21
27/02/24 16:20	6.906	24.087	30.992	0.800			2.2	204	12
27/02/24 16:25	6.950	26.189	33.139	0.825			2.0	194	11
27/02/24 16:30	6.810	15.918	22.729	0.863			2.1	210	11
27/02/24 16:35	5.665	9.161	14.826	0.914			2.4	207	11
27/02/24 16:40	4.219	8.654	12.873	0.895			2.3	202	13
27/02/24 16:45	2.907	10.253	13.160	0.826			2.7	216	11
27/02/24 16:50	2.546	10.851	13.397	0.789			2.6	213	07
27/02/24 16:55	1.751	8.138	9.888	0.788			2.7	211	09
27/02/24 17:00	1.205	6.574	7.779	0.791			3.1	215	04
27/02/24 17:05	0.967	6.240	7.206	0.810			2.8	211	08
27/02/24 17:10	0.813	6.578	7.391	0.697			2.9	213	08
27/02/24 17:15	0.840	7.773	8.613	0.623			2.2	208	14
27/02/24 17:20	1.255	10.785	12.040	0.591			1.6	182	17

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/02/24 17:25	1.356	13.100	14.456	0.630			1.2	182	23
27/02/24 17:30	1.367	13.610	14.976	0.551			2.4	208	06
27/02/24 17:35	1.183	10.548	11.732	0.524			2.7	208	04
27/02/24 17:40	1.200	10.333	11.533	0.439			3.1	209	04
27/02/24 17:45	1.112	5.107	6.219	0.433			3.5	207	03
27/02/24 17:50	0.848	3.330	4.178	0.380			3.3	207	04
27/02/24 17:55	0.667	3.270	3.937	0.421			3.0	210	04
27/02/24 18:00	0.548	3.433	3.980	0.473			3.9	201	05
27/02/24 18:05	0.534	4.019	4.553	0.451			3.1	207	05
27/02/24 18:10	0.586	4.208	4.795	0.501			2.7	212	06
27/02/24 18:15	0.489	3.992	4.481	0.503			3.1	203	05
27/02/24 18:20	0.382	3.768	4.151	0.581			2.5	221	07
27/02/24 18:25	0.338	3.649	3.987	0.580			3.3	223	04
27/02/24 18:30	0.218	3.589	3.807	0.548			2.6	231	09
27/02/24 18:35	0.128	3.401	3.529	0.470			2.9	218	08
27/02/24 18:40	0.201	3.254	3.455	0.487			2.9	239	18
27/02/24 18:45	0.256	3.066	3.323	0.381			3.2	238	16
27/02/24 18:50	0.250	3.089	3.339	0.401			2.6	241	15
27/02/24 18:55	0.254	4.185	4.439	0.409			2.6	243	10
27/02/24 19:00	0.333	8.915	9.248	0.395			2.4	246	09
27/02/24 19:05	0.283	11.514	11.797	0.349			2.1	256	17
27/02/24 19:10	0.245	13.845	14.090	0.348			1.8	249	18
27/02/24 19:15	0.372	20.058	20.431	0.471			1.7	260	15
27/02/24 19:20	0.460	20.187	20.648	0.512			1.4	270	17
27/02/24 19:25	0.449	22.802	23.251	0.527			1.1	293	32
27/02/24 19:30	0.573	28.127	28.700	0.625			1.2	289	18
27/02/24 19:35	0.617	26.308	26.925	0.746			1.0	303	18
27/02/24 19:40	0.590	26.415	27.005	0.931			0.9	285	14
27/02/24 19:45	0.685	25.563	26.248	0.853			0.8	294	16
27/02/24 19:50	0.745	23.433	24.177	0.804			0.8	299	19
27/02/24 19:55	0.671	22.710	23.381	0.914			1.1	288	15
27/02/24 20:00	0.713	22.797	23.511	0.841			1.1	303	10
27/02/24 20:05	0.726	22.776	23.502	1.014			1.0	297	13
27/02/24 20:10	0.540	22.802	23.342	1.023			0.9	303	11
27/02/24 20:15	0.378	22.290	22.668	1.024			0.6	319	16
27/02/24 20:20	0.395	21.431	21.826	1.090			0.8	311	27
27/02/24 20:25	0.324	20.938	21.261	1.077			1.3	295	14
27/02/24 20:30	0.335	20.618	20.953	1.073			1.7	290	14
27/02/24 20:35	0.458	20.729	21.187	1.046			1.6	283	13
27/02/24 20:40	0.525	22.401	22.926	1.080			2.1	294	09
27/02/24 20:45	0.487	23.628	24.115	0.990			1.7	286	16
27/02/24 20:50	0.440	25.339	25.779	0.869			2.1	294	14
27/02/24 20:55	0.454	26.982	27.436	0.989			2.3	299	10
27/02/24 21:00	0.457	26.246	26.703	1.054			1.8	299	14
27/02/24 21:05	0.395	24.991	25.386	1.041			1.5	292	14
27/02/24 21:10	0.379	23.868	24.248	1.052			1.6	287	14
27/02/24 21:15	0.398	23.574	23.972	1.006			1.6	282	14
27/02/24 21:20	0.397	23.541	23.938	0.946			1.5	295	11
27/02/24 21:25	0.679	25.328	26.007	0.841			1.7	306	13
27/02/24 21:30	0.810	28.242	29.052	0.850			1.7	311	10
27/02/24 21:35	0.866	32.996	33.862	0.806			0.9	330	10
27/02/24 21:40	1.387	38.425	39.812	0.859			1.0	325	16
27/02/24 21:45	2.070	41.144	43.214	0.863			1.7	311	10
27/02/24 21:50	2.245	40.412	42.657	0.838			1.8	306	09
27/02/24 21:55	1.986	39.803	41.789	0.909			1.7	312	10
27/02/24 22:00	1.707	38.828	40.535	0.912			1.2	321	14
27/02/24 22:05	1.524	37.934	39.459	0.773			0.7	329	19
27/02/24 22:10	1.460	37.251	38.710	0.788			0.9	320	14
27/02/24 22:15	1.331	36.687	38.018	0.839			0.9	320	12
27/02/24 22:20	1.139	36.309	37.448	0.857			1.2	310	12
27/02/24 22:25	0.900	35.927	36.827	0.931			1.3	303	09
27/02/24 22:30	0.722	35.176	35.898	0.968			0.9	309	17
27/02/24 22:35	0.676	35.023	35.699	1.041			1.0	8	14
27/02/24 22:40	0.765	35.360	36.125	1.128			1.1	355	10
27/02/24 22:45	1.348	35.945	37.293	1.079			0.9	12	11
27/02/24 22:50	3.119	36.868	39.986	1.120			0.8	42	11
27/02/24 22:55	5.834	38.916	44.750	1.171			1.0	18	07
27/02/24 23:00	8.039	39.590	47.629	1.188			0.6	3	19
27/02/24 23:05	11.953	38.984	50.937	1.238			1.1	1	06
27/02/24 23:10	9.021	41.063	50.084	1.283			1.3	359	08
27/02/24 23:15	10.180	41.661	51.841	1.232			1.7	13	04
27/02/24 23:20	12.628	41.330	53.958	1.290			1.6	9	05
27/02/24 23:25	20.812	41.314	62.126	1.365			1.8	4	04
27/02/24 23:30	28.582	41.898	70.480	1.470			1.7	3	16
27/02/24 23:35	29.559	41.885	71.444	1.598			1.5	359	10
27/02/24 23:40	28.417	41.253	69.669	1.677			1.3	9	15
27/02/24 23:45	31.459	38.058	69.516	1.621			1.2	31	03
27/02/24 23:50	33.780	37.512	71.292	1.621			1.2	35	05
27/02/24 23:55	32.615	39.616	72.231	1.515			0.9	17	12
28/02/24 00:00	21.318	45.060	66.377	1.515			0.8	346	17
28/02/24 00:05	8.547	41.297	49.844	1.428			0.7	339	19
28/02/24 00:10	10.638	40.267	50.905	1.505			0.8	359	11
28/02/24 00:15	10.124	37.737	47.861	1.448			1.2	6	12
28/02/24 00:20	10.414	37.601	48.016	1.375			0.9	23	14
28/02/24 00:25	10.102	38.346	48.448	1.301			0.8	53	09
28/02/24 00:30	10.707	38.365	49.071	1.300			0.9	46	14
28/02/24 00:35	12.275	38.537	50.812	1.305			1.0	49	06
28/02/24 00:40	21.834	35.825	57.658	1.228			0.9	53	04
28/02/24 00:45	27.134	38.635	65.769	1.174			0.7	71	15
28/02/24 00:50	27.682	38.588	66.270	1.174			0.6	121	08
28/02/24 00:55	27.063	37.957	65.021	1.171			0.9	136	08
28/02/24 01:00	24.867	38.641	63.508	1.114			0.4	118	28
28/02/24 01:05							0.3	63	16
28/02/24 01:10							0.3	43	07
28/02/24 01:15							1.1	34	08
28/02/24 01:20							1.5	43	06
28/02/24 01:25							1.5	47	06
28/02/24 01:30							1.7	54	06
28/02/24 01:35							1.7	59	09
28/02/24 01:40							1.5	56	08
28/02/24 01:45							1.3	54	09
28/02/24 01:50							1.2	59	07
28/02/24 01:55							1.1	72	09
28/02/24 02:00							0.8	78	14

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/02/24 02:05	2.945	32.661	35.606	1.018			1.0	58	11
28/02/24 02:10	2.128	31.818	33.946	1.067			1.3	53	08
28/02/24 02:15	1.807	29.937	31.744	1.036			0.7	34	30
28/02/24 02:20	1.579	28.891	30.469	0.969			0.4	293	46
28/02/24 02:25	1.324	28.264	29.588	0.973			0.2	25	47
28/02/24 02:30	1.170	28.060	29.229	0.953			0.5	40	11
28/02/24 02:35	1.141	27.994	29.135	0.934			0.9	57	14
28/02/24 02:40	1.153	27.498	28.651	0.882			1.1	63	07
28/02/24 02:45	1.171	26.698	27.869	0.790			1.1	62	07
28/02/24 02:50	1.007	25.838	26.845	0.785			0.9	63	08
28/02/24 02:55	0.914	25.009	25.923	0.795			0.9	60	09
28/02/24 03:00	0.865	23.884	24.749	0.848			1.0	57	08
28/02/24 03:05	0.749	22.556	23.305	0.790			0.6	62	13
28/02/24 03:10	0.729	21.128	21.857	0.784			0.8	69	11
28/02/24 03:15	0.628	19.154	19.782	0.761			1.2	61	08
28/02/24 03:20	0.539	15.901	16.441	0.800			1.6	51	07
28/02/24 03:25	0.553	14.005	14.558	0.838			1.5	49	07
28/02/24 03:30	0.481	13.582	14.062	0.807			1.4	57	06
28/02/24 03:35	0.510	12.875	13.384	0.769			0.8	82	12
28/02/24 03:40	0.409	12.657	13.066	0.720			0.9	94	08
28/02/24 03:45	0.373	12.349	12.722	0.808			0.9	86	10
28/02/24 03:50	0.343	12.135	12.478	0.789			1.0	66	09
28/02/24 03:55	1.133	11.881	13.014	0.733			1.0	56	08
28/02/24 04:00	0.671	11.884	12.555	0.715			1.4	58	08
28/02/24 04:05	0.313	12.126	12.439	0.787			1.3	56	10
28/02/24 04:10	0.533	12.594	13.127	0.781			1.4	49	07
28/02/24 04:15	0.535	13.784	14.318	0.784			1.5	46	06
28/02/24 04:20	0.924	15.888	16.812	0.748			1.4	45	06
28/02/24 04:25	1.036	15.896	16.933	0.647			1.4	48	06
28/02/24 04:30	1.044	15.134	16.178	0.724			1.4	47	05
28/02/24 04:35	1.240	15.387	16.627	0.714			1.4	40	10
28/02/24 04:40	1.780	15.857	17.637	0.678			1.6	41	09
28/02/24 04:45	1.686	15.819	17.505	0.645			1.0	13	21
28/02/24 04:50	1.459	16.050	17.510	0.665			0.8	5	22
28/02/24 04:55	1.339	16.905	18.244	0.658			0.8	23	14
28/02/24 05:00	1.771	19.046	20.818	0.557			0.8	43	12
28/02/24 05:05	2.243	23.029	25.272	0.557			0.9	38	09
28/02/24 05:10	3.244	24.902	28.146	0.580			0.8	48	13
28/02/24 05:15	4.970	26.717	31.687	0.565			1.1	54	06
28/02/24 05:20	10.905	25.678	36.583	0.665			1.2	53	06
28/02/24 05:25	11.492	23.879	35.371	0.691			1.6	53	06
28/02/24 05:30	8.165	23.347	31.512	0.724			1.4	65	09
28/02/24 05:35	7.580	23.277	30.858	0.746			1.4	65	07
28/02/24 05:40	7.907	23.146	31.053	0.668			1.7	68	07
28/02/24 05:45	8.137	23.426	31.563	0.641			1.5	66	08
28/02/24 05:50	8.677	23.668	32.345	0.562			0.8	39	26
28/02/24 05:55	9.805	23.954	33.759	0.549			1.2	63	15
28/02/24 06:00	12.376	25.455	37.831	0.643			1.2	66	12
28/02/24 06:05	12.496	25.575	38.071	0.640			1.4	60	09
28/02/24 06:10	11.350	25.351	36.701	0.715			1.4	63	08
28/02/24 06:15	11.133	24.585	35.718	0.678			1.2	74	12
28/02/24 06:20	11.337	24.349	35.686	0.618			1.0	62	13
28/02/24 06:25	32.182	16.941	49.123	0.581			1.0	61	09
28/02/24 06:30	30.147	27.162	57.309	0.641			0.9	62	30
28/02/24 06:35	42.422	24.475	66.897	0.744			0.2	24	62
28/02/24 06:40	78.801	29.380	108.180	0.818			0.5	0	29
28/02/24 06:45	72.886	29.879	102.764	0.990			1.3	64	11
28/02/24 06:50	50.504	31.063	81.567	1.071			1.2	59	20
28/02/24 06:55	42.409	26.603	69.012	1.000			1.4	61	12
28/02/24 07:00	41.674	26.825	68.499	1.020			1.1	58	26
28/02/24 07:05	30.497	29.094	59.591	0.947			1.7	58	16
28/02/24 07:10	30.780	26.460	57.240	0.927			0.8	54	36
28/02/24 07:15	26.971	24.909	51.880	0.934			0.9	53	46
28/02/24 07:20	16.854	21.950	38.803	0.948			1.6	77	25
28/02/24 07:25	14.323	21.832	36.155	0.897			1.6	46	24
28/02/24 07:30	14.527	22.084	36.611	0.961			1.4	57	31
28/02/24 07:35	14.788	22.035	36.824	1.008			1.0	43	38
28/02/24 07:40	14.608	21.598	36.206	1.022			1.9	37	35
28/02/24 07:45	15.822	21.977	37.799	0.929			2.7	19	19
28/02/24 07:50	16.160	22.681	38.841	0.905			3.0	31	17
28/02/24 07:55	17.152	21.916	39.068	0.883			2.7	29	16
28/02/24 08:00	17.231	21.889	39.120	0.893			3.0	23	19
28/02/24 08:05	17.946	22.686	40.632	0.894			2.9	15	22
28/02/24 08:10	15.622	20.579	36.200	0.917			4.0	27	12
28/02/24 08:15	17.571	20.909	38.480	0.857			3.9	28	17
28/02/24 08:20	14.503	21.313	35.816	0.832			3.8	25	17
28/02/24 08:25	14.915	24.791	39.707	0.894			3.7	24	17
28/02/24 08:30	19.603	29.681	49.284	0.892			3.7	16	13
28/02/24 08:35	29.196	26.983	56.179	0.924			2.7	22	20
28/02/24 08:40	28.510	29.750	58.260	0.914			3.1	26	19
28/02/24 08:45	28.673	31.652	60.326	0.897			3.3	25	14
28/02/24 08:50	23.615	30.493	54.108	0.782			3.2	31	15
28/02/24 08:55	18.672	29.416	48.088	0.821			2.7	26	19
28/02/24 09:00	12.620	23.261	35.881	0.805			2.8	12	24
28/02/24 09:05	9.997	22.611	32.607	0.658			3.1	17	21
28/02/24 09:10	9.728	18.441	28.169	0.615			3.6	12	23
28/02/24 09:15	8.402	14.883	23.285	0.625			4.6	10	22
28/02/24 09:20	6.322	13.873	20.195	0.633			3.0	9	18
28/02/24 09:25	5.858	16.699	22.557	0.694			3.8	10	18
28/02/24 09:30	5.750	15.638	21.388	0.622			3.1	11	21
28/02/24 09:35	5.485	15.664	21.149	0.592			3.2	1	27
28/02/24 09:40	5.288	13.533	18.820	0.578			3.7	1	22
28/02/24 09:45	4.747	12.900	17.647	0.564			3.5	5	20
28/02/24 09:50	4.359	14.968	19.327	0.509			3.3	15	18
28/02/24 09:55	4.230	16.966	21.196	0.478			3.0	14	18
28/02/24 10:00	4.085	17.478	21.562	0.395			3.0	7	21
28/02/24 10:05	3.915	17.496	21.411	0.356			1.9	3	29
28/02/24 10:10	3.861	18.529	22.390	0.473			1.1	339	43
28/02/24 10:15	5.030	27.716	32.746	0.491			1.6	321	31
28/02/24 10:20	6.281	30.852	37.132	0.582			1.2	323	46
28/02/24 10:25	6.733	24.870	31.603	0.662			2.1	4	27
28/02/24 10:30	6.434	21.735	28.169	0.724			2.3	5	28
28/02/24 10:35	6.732	21.899	28.630	0.822			2.0	17	20
28/02/24 10:40	7.023	20.440	27.462	0.776			2.4	10	25

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/02/24 10:45	6.646	17.458	24.104	0.626			3.6	3	19
28/02/24 10:50	5.852	10.138	15.990	0.559			3.7	7	21
28/02/24 10:55	4.682	6.132	10.814	0.666			3.3	7	22
28/02/24 11:00	3.803	7.717	11.521	0.700			3.5	7	23
28/02/24 11:05	2.783	8.825	11.607	0.691			3.6	11	22
28/02/24 11:10	2.251	9.852	12.103	0.683			3.3	5	17
28/02/24 11:15	2.175	10.567	12.741	0.682			3.0	8	23
28/02/24 11:20	2.121	11.326	13.447	0.683			4.0	13	15
28/02/24 11:25	2.162	12.463	14.625	0.592			2.8	8	18
28/02/24 11:30	2.197	14.274	16.471	0.619			3.1	11	18
28/02/24 11:35	2.150	15.493	17.644	0.624			3.4	9	16
28/02/24 11:40	2.039	16.024	18.062	0.640			2.0	12	22
28/02/24 11:45	2.000	17.489	19.489	0.693			2.3	19	19
28/02/24 11:50	1.805	17.628	19.433	0.606			1.9	21	20
28/02/24 11:55	1.761	17.691	19.452	0.504			2.8	14	16
28/02/24 12:00	1.734	17.665	19.398	0.502			2.2	11	21
28/02/24 12:05	1.703	17.671	19.374	0.483			1.3	1	41
28/02/24 12:10	1.523	17.731	19.255	0.600			1.6	291	18
28/02/24 12:15	1.893	24.772	26.665	0.693			1.1	350	39
28/02/24 12:20	2.266	29.059	31.324	0.752			1.9	19	28
28/02/24 12:25	2.457	27.992	30.449	0.658			1.3	8	23
28/02/24 12:30	2.531	25.666	28.197	0.643			1.0	12	41
28/02/24 12:35	2.613	23.926	26.539	0.611			1.9	10	22
28/02/24 12:40	4.272	22.413	26.685	0.611			1.6	337	30
28/02/24 12:45	3.795	24.164	27.958	0.651			1.2	5	29
28/02/24 12:50	5.277	37.350	42.627	0.613			1.4	26	24
28/02/24 12:55	6.741	40.393	47.134	0.631			1.6	351	32
28/02/24 13:00	6.378	37.973	44.351	0.602			1.6	321	24
28/02/24 13:05	5.837	33.592	39.429	0.460			1.5	317	27
28/02/24 13:10	5.124	29.520	34.644	0.497			2.2	21	24
28/02/24 13:15	4.771	30.024	34.795	0.535			2.3	25	17
28/02/24 13:20	5.150	32.715	37.864	0.698			2.2	29	14
28/02/24 13:25	5.023	28.502	33.524	0.788			4.0	35	12
28/02/24 13:30	4.482	20.243	24.725	0.757			5.0	33	13
28/02/24 13:35	3.972	19.214	23.186	0.707			4.4	37	14
28/02/24 13:40	3.787	20.453	24.239	0.644			5.1	29	15
28/02/24 13:45	3.515	18.526	22.041	0.613			4.1	24	19
28/02/24 13:50	3.162	16.915	20.077	0.525			4.3	33	20
28/02/24 13:55	2.942	15.760	18.702	0.501			4.5	28	15
28/02/24 14:00	2.625	15.191	17.815	0.500			3.5	39	23
28/02/24 14:05	2.445	15.111	17.556	0.598			3.4	36	18
28/02/24 14:10	2.481	15.367	17.848	0.593			4.2	35	20
28/02/24 14:15	2.578	15.483	18.061	0.586			3.6	36	17
28/02/24 14:20	2.630	15.652	18.282	0.476			3.6	38	15
28/02/24 14:25	2.670	15.486	18.156	0.450			3.1	45	15
28/02/24 14:30	2.639	14.965	17.605	0.554			3.2	39	16
28/02/24 14:35	2.633	14.479	17.112	0.545			4.0	35	17
28/02/24 14:40	2.837	14.208	17.045	0.518			2.7	34	19
28/02/24 14:45	2.795	14.173	16.969	0.440			2.8	17	23
28/02/24 14:50	2.669	13.797	16.467	0.315			2.9	26	13
28/02/24 14:55	2.623	13.638	16.262	0.333			2.4	37	19
28/02/24 15:00	2.843	13.403	16.246	0.351			3.8	25	15
28/02/24 15:05	2.792	13.030	15.823	0.427			3.2	26	19
28/02/24 15:10	2.759	12.389	15.149	0.551			4.7	30	21
28/02/24 15:15	2.472	11.415	13.887	0.612			3.5	31	21
28/02/24 15:20	2.197	10.817	13.014	0.640			4.1	23	15
28/02/24 15:25	1.958	10.419	12.378	0.653			3.8	19	22
28/02/24 15:30	1.892	10.143	12.034	0.680			3.8	22	20
28/02/24 15:35	1.776	9.349	11.125	0.629			5.4	19	19
28/02/24 15:40	1.553	8.096	9.650	0.536			5.2	17	18
28/02/24 15:45	1.524	7.396	8.920	0.569			4.1	17	24
28/02/24 15:50	1.343	7.081	8.424	0.607			4.8	27	17
28/02/24 15:55	1.246	6.823	8.068	0.602			5.1	19	18
28/02/24 16:00	1.200	6.629	7.828	0.614			4.6	13	23
28/02/24 16:05	1.158	6.507	7.665	0.602			5.5	9	25
28/02/24 16:10	1.119	6.049	7.168	0.532			5.9	9	18
28/02/24 16:15	1.121	5.638	6.759	0.555			5.8	9	16
28/02/24 16:20	0.973	5.294	6.267	0.538			4.8	13	22
28/02/24 16:25	1.002	5.536	6.538	0.524			3.7	19	16
28/02/24 16:30	1.088	5.977	7.065	0.561			5.1	24	19
28/02/24 16:35	0.910	5.727	6.636	0.497			6.7	32	13
28/02/24 16:40	0.879	5.480	6.359	0.374			4.7	25	18
28/02/24 16:45	0.838	5.434	6.272	0.288			4.7	25	14
28/02/24 16:50	0.830	5.736	6.566	0.252			3.9	30	18
28/02/24 16:55	0.736	6.218	6.954	0.298			4.3	16	20
28/02/24 17:00	0.614	6.146	6.760	0.280			5.4	21	19
28/02/24 17:05	0.512	5.968	6.480	0.276			4.8	24	19
28/02/24 17:10	0.615	5.920	6.535	0.339			6.1	20	16
28/02/24 17:15	0.730	5.795	6.525	0.388			5.3	24	18
28/02/24 17:20	0.618	5.613	6.231	0.510			5.3	18	20
28/02/24 17:25	0.654	5.774	6.428	0.610			4.2	21	27
28/02/24 17:30	0.787	5.717	6.504	0.674			6.2	5	23
28/02/24 17:35	0.719	5.564	6.283	0.660			4.5	355	24
28/02/24 17:40	0.654	5.635	6.289	0.567			4.7	10	25
28/02/24 17:45	0.606	5.688	6.294	0.526			4.9	6	23
28/02/24 17:50	0.618	5.549	6.167	0.437			4.1	355	32
28/02/24 17:55	0.592	5.843	6.435	0.390			4.4	12	20
28/02/24 18:00	0.694	5.601	6.294	0.370			4.6	6	28
28/02/24 18:05	0.772	5.411	6.182	0.412			4.7	358	21
28/02/24 18:10	0.723	5.788	6.510	0.459			3.8	2	30
28/02/24 18:15	0.568	6.234	6.803	0.426			4.0	359	23
28/02/24 18:20	0.506	6.842	7.348	0.501			4.3	7	21
28/02/24 18:25	0.731	7.665	8.395	0.491			3.8	8	29
28/02/24 18:30	0.823	8.289	9.112	0.461			3.3	0	34
28/02/24 18:35	0.752	8.907	9.658	0.303			2.8	1	32
28/02/24 18:40	0.680	9.856	10.536	0.233			3.2	1	27
28/02/24 18:45	0.584	10.606	11.190	0.271			2.6	354	28
28/02/24 18:50	0.409	11.055	11.464	0.237			3.6	338	27
28/02/24 18:55	0.466	11.736	12.202	0.164			3.2	1	28
28/02/24 19:00	0.454	12.297	12.751	0.106			2.2	351	42
28/02/24 19:05	0.303	12.078	12.381	0.088			3.4	2	27
28/02/24 19:10	0.347	11.759	12.105	0.097			4.4	0	23
28/02/24 19:15	0.294	11.396	11.689	0.074			4.6	2	21
28/02/24 19:20	0.148	11.082	11.230	0.021			3.8	359	32

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/02/24 19:25	0.168	10.811	10.979	-0.029			4.3	345	35
28/02/24 19:30	0.168	11.119	11.288	0.022			3.7	358	33
28/02/24 19:35	0.046	11.388	11.435	-0.002			2.8	353	37
28/02/24 19:40	0.120	11.517	11.636	0.050			3.3	350	32
28/02/24 19:45	0.124	11.529	11.652	0.065			2.9	356	32
28/02/24 19:50	0.086	11.319	11.405	0.130			3.3	349	28
28/02/24 19:55	0.200	12.178	12.378	0.163			2.8	314	25
28/02/24 20:00	0.259	15.759	16.018	0.237			3.0	324	30
28/02/24 20:05	0.314	21.054	21.367	0.275			3.5	327	28
28/02/24 20:10	0.343	20.741	21.084	0.396			3.2	325	29
28/02/24 20:15	0.295	19.377	19.671	0.419			2.2	313	33
28/02/24 20:20	0.248	18.872	19.121	0.425			3.2	280	20
28/02/24 20:25	0.204	17.572	17.776	0.433			6.9	242	17
28/02/24 20:30	0.313	11.547	11.860	0.354			9.7	225	03
28/02/24 20:35	0.255	1.971	2.226	0.321			8.7	237	06
28/02/24 20:40	0.138	1.561	1.699	0.306			6.3	244	06
28/02/24 20:45	0.100	1.641	1.740	0.277			6.2	232	09
28/02/24 20:50	0.041	1.590	1.631	0.210			5.1	220	06
28/02/24 20:55	0.027	1.405	1.432	0.116			4.9	215	06
28/02/24 21:00	0.016	1.407	1.423	0.073			4.3	222	07
28/02/24 21:05	-0.036	1.383	1.347	0.015			3.5	210	08
28/02/24 21:10	-0.011	1.378	1.367	0.016			2.2	186	14
28/02/24 21:15	0.066	1.443	1.509	0.111			2.9	174	12
28/02/24 21:20	0.081	1.548	1.629	0.049			2.3	188	16
28/02/24 21:25	0.083	1.520	1.603	-0.108			3.1	200	10
28/02/24 21:30	0.031	1.422	1.453	-0.112			3.1	211	09
28/02/24 21:35	0.105	1.312	1.417	-0.090			3.2	204	08
28/02/24 21:40	0.160	1.199	1.359	-0.085			2.0	186	18
28/02/24 21:45	0.043	1.169	1.212	0.011			2.5	185	14
28/02/24 21:50	0.103	1.091	1.194	0.084			3.2	193	10
28/02/24 21:55	0.130	1.168	1.299	0.108			4.3	200	04
28/02/24 22:00	0.087	1.602	1.689	0.136			3.3	197	08
28/02/24 22:05	0.077	1.603	1.680	0.170			2.4	189	13
28/02/24 22:10	0.070	1.551	1.621	0.103			3.0	192	10
28/02/24 22:15	0.107	1.702	1.808	0.107			3.6	195	10
28/02/24 22:20	0.096	2.221	2.317	0.063			3.9	195	09
28/02/24 22:25	0.024	2.646	2.671	0.070			4.6	202	05
28/02/24 22:30	-0.118	2.501	2.384	0.048			3.3	198	08
28/02/24 22:35	-0.118	2.492	2.373	0.002			2.5	193	12
28/02/24 22:40	-0.055	2.662	2.607	-0.156			2.7	194	09
28/02/24 22:45	0.760	4.841	5.601	-0.202			1.9	182	13
28/02/24 22:50	0.701	5.090	5.790	-0.191			2.0	190	14
28/02/24 22:55	0.268	2.284	2.552	-0.119			1.2	158	24
28/02/24 23:00	0.126	1.295	1.421	-0.070			1.1	176	27
28/02/24 23:05	0.145	1.017	1.162	0.041			1.3	160	26
28/02/24 23:10	0.218	0.883	1.101	0.023			0.7	170	36
28/02/24 23:15	0.286	0.789	1.074	0.020			1.0	163	33
28/02/24 23:20	0.179	0.674	0.853	0.017			0.9	163	31
28/02/24 23:25	0.074	0.657	0.731	-0.003			1.4	146	15
28/02/24 23:30	0.000	0.651	0.651	0.102			1.3	145	20
28/02/24 23:35	0.091	0.564	0.654	0.122			1.5	146	18
28/02/24 23:40	0.200	0.501	0.701	0.019			2.0	139	09
28/02/24 23:45	0.337	0.413	0.750	-0.051			1.0	125	19
28/02/24 23:50	0.291	0.428	0.719				1.1	133	23
28/02/24 23:55	0.174	0.442	0.616				1.5	132	17
29/02/24 00:00	0.152	0.567	0.718				1.1	118	19
29/02/24 00:05	0.129	0.670	0.799				0.9	145	29
29/02/24 00:10	0.074	0.711	0.785				1.0	129	19
29/02/24 00:15	-0.028	0.829	0.801				1.2	116	12
29/02/24 00:20	-0.096	0.937	0.841				0.8	121	22
29/02/24 00:25	-0.083	1.002	0.919				1.2	108	11
29/02/24 00:30	-0.056	1.023	0.967				1.2	106	07
29/02/24 00:35	-0.064	1.096	1.032				1.2	110	05
29/02/24 00:40	-0.089	1.161	1.073				1.1	96	08
29/02/24 00:45	0.002	1.213	1.215				2.0	93	05
29/02/24 00:50	-0.003	1.366	1.363				1.5	96	08
29/02/24 00:55	0.009	1.559	1.567				1.0	110	10
29/02/24 01:00	0.075	1.814	1.889	0.015			1.0	98	09
29/02/24 01:05							0.6	64	20
29/02/24 01:10							0.3	35	47
29/02/24 01:15							0.3	294	66
29/02/24 01:20							0.8	224	27
29/02/24 01:25							0.7	174	28
29/02/24 01:30							0.8	169	22
29/02/24 01:35							0.8	170	23
29/02/24 01:40							1.4	216	19
29/02/24 01:45							1.2	227	08
29/02/24 01:50							1.3	208	12
29/02/24 01:55							1.4	184	10
29/02/24 02:00							1.1	176	16
29/02/24 02:05	0.087	3.078	3.166	0.001			1.4	213	23
29/02/24 02:10	0.121	3.600	3.721	0.059			3.3	233	08
29/02/24 02:15	0.060	3.031	3.090	0.102			4.4	238	06
29/02/24 02:20	0.051	2.872	2.923	0.091			4.4	239	07
29/02/24 02:25	1.425	17.098	18.523	0.097			3.5	238	08
29/02/24 02:30	2.798	16.182	18.980	0.157			3.4	234	07
29/02/24 02:35	0.959	1.860	2.819	0.158			3.6	232	03
29/02/24 02:40	0.713	0.384	1.097	0.244			3.8	229	04
29/02/24 02:45	0.567	0.537	1.104	0.291			3.8	214	04
29/02/24 02:50	0.456	0.657	1.114	0.137			4.5	220	05
29/02/24 02:55	0.221	0.715	0.935	0.109			5.5	226	04
29/02/24 03:00	0.102	0.658	0.760	0.168			5.5	230	04
29/02/24 03:05	0.132	0.627	0.759	0.117			5.2	229	03
29/02/24 03:10	0.074	0.672	0.746	0.086			5.5	228	03
29/02/24 03:15	-0.033	0.778	0.745	0.096			5.3	225	03
29/02/24 03:20	-0.095	0.870	0.775	0.134			5.2	223	04
29/02/24 03:25	0.000	0.965	0.965	0.119			5.2	221	03
29/02/24 03:30	0.031	0.911	0.942	0.213			5.9	224	04
29/02/24 03:35	0.064	0.825	0.889	0.076			6.1	228	03
29/02/24 03:40	0.089	0.822	0.911	0.007			5.8	228	03
29/02/24 03:45	0.117	0.826	0.943	-0.057			5.4	231	04
29/02/24 03:50	0.156	0.803	0.959	0.054			5.2	235	04
29/02/24 03:55	0.206	0.804	1.010	0.126			4.5	242	05
29/02/24 04:00	0.177	1.016	1.194	0.162			4.3	243	05

Station Pier Ambient Air Quality Monitoring
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5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/02/24 04:05	0.158	1.297	1.455	0.117			4.6	237	07
29/02/24 04:10	0.288	2.512	2.801	0.032			4.3	239	06
29/02/24 04:15	0.491	5.770	6.261	0.079			4.1	242	05
29/02/24 04:20	0.695	8.037	8.732	0.118			3.9	241	08
29/02/24 04:25	1.024	8.610	9.635	0.102			3.9	243	07
29/02/24 04:30	1.298	11.235	12.533	0.023			4.0	245	06
29/02/24 04:35	3.236	21.830	25.066	0.059			3.9	250	05
29/02/24 04:40	10.481	22.506	32.987	0.071			3.9	258	08
29/02/24 04:45	7.866	19.679	27.545	0.185			4.2	260	07
29/02/24 04:50	7.610	16.746	24.356	0.324			4.2	250	07
29/02/24 04:55	6.374	15.724	22.098	0.425			4.7	248	08
29/02/24 05:00	4.551	10.385	14.936	0.571			6.2	249	05
29/02/24 05:05	3.412	9.585	12.996	0.652			6.7	251	08
29/02/24 05:10	2.961	9.973	12.934	0.628			5.9	257	06
29/02/24 05:15	2.538	9.530	12.068	0.696			5.5	259	06
29/02/24 05:20	2.254	8.596	10.850	0.708			5.3	259	09
29/02/24 05:25	1.857	8.805	10.662	0.669			4.4	263	09
29/02/24 05:30	1.807	10.268	12.075	0.563			4.7	262	09
29/02/24 05:35	1.696	9.800	11.497	0.479			5.0	260	07
29/02/24 05:40	1.663	10.971	12.634	0.405			5.1	256	09
29/02/24 05:45	1.788	12.606	14.394	0.399			4.2	263	12
29/02/24 05:50	2.223	15.560	17.783	0.429			3.8	267	10
29/02/24 05:55	2.465	12.401	14.866	0.451			4.4	259	11
29/02/24 06:00	3.095	15.645	18.741	0.542			3.6	255	12
29/02/24 06:05	3.733	13.530	17.263	0.574			3.8	246	09
29/02/24 06:10	3.526	13.495	17.020	0.559			4.0	259	09
29/02/24 06:15	3.508	14.653	18.161	0.535			4.4	255	07
29/02/24 06:20	3.684	14.148	17.833	0.529			4.9	262	06
29/02/24 06:25	3.610	12.218	15.827	0.648			4.3	245	08
29/02/24 06:30	3.594	11.372	14.966	0.654			3.7	244	12
29/02/24 06:35	3.268	10.861	14.129	0.644			3.8	247	10
29/02/24 06:40	2.687	8.164	10.851	0.653			3.8	235	10
29/02/24 06:45	2.203	6.401	8.604	0.605			3.6	238	07
29/02/24 06:50	1.723	4.453	6.176	0.480			3.4	246	08
29/02/24 06:55	1.484	5.045	6.529	0.575			3.1	243	06
29/02/24 07:00	1.206	4.889	6.095	0.760			2.8	240	10
29/02/24 07:05	0.964	4.488	5.452	0.649			2.2	240	15
29/02/24 07:10	0.795	3.989	4.784	0.633			3.6	215	09
29/02/24 07:15	0.694	3.507	4.201	0.566			3.4	246	17
29/02/24 07:20	0.845	4.371	5.216	0.533			3.0	245	10
29/02/24 07:25	0.712	3.591	4.304	0.467			5.2	225	08
29/02/24 07:30	0.555	2.960	3.515	0.533			5.5	223	10
29/02/24 07:35	0.498	3.064	3.562	0.660			5.0	245	07
29/02/24 07:40	0.502	3.659	4.161	0.627			4.8	262	10
29/02/24 07:45	0.563	4.313	4.875	0.473			5.0	256	15
29/02/24 07:50	0.913	5.442	6.355	0.436			3.2	259	11
29/02/24 07:55	1.193	6.386	7.579	0.497			3.9	249	17
29/02/24 08:00	1.095	5.470	6.565	0.494			4.1	261	10
29/02/24 08:05	0.935	4.905	5.840	0.423			5.2	244	10
29/02/24 08:10	0.900	3.650	4.550	0.432			5.9	262	07
29/02/24 08:15	0.909	3.346	4.254	0.399			5.2	243	10
29/02/24 08:20	1.123	4.399	5.522	0.414			3.9	243	09
29/02/24 08:25	1.298	6.969	8.268	0.424			4.5	261	10
29/02/24 08:30	1.597	7.990	9.587	0.384			4.8	258	07
29/02/24 08:35	1.989	8.412	10.401	0.353			5.6	261	08
29/02/24 08:40	2.348	9.228	11.576	0.409			5.4	257	06
29/02/24 08:45	2.330	6.753	9.083	0.415			5.5	263	06
29/02/24 08:50	2.387	6.962	9.349	0.363			5.2	264	09
29/02/24 08:55	2.336	7.307	9.642	0.374			4.2	253	08
29/02/24 09:00	2.271	5.900	8.171	0.398			3.3	259	12
29/02/24 09:05	2.205	6.852	9.057	0.300			4.0	237	07
29/02/24 09:10	1.857	2.505	4.362	0.338			5.7	233	05
29/02/24 09:15	1.550	1.356	2.906	0.414			5.2	230	06
29/02/24 09:20	1.410	2.766	4.176	0.384			4.8	232	07
29/02/24 09:25	1.178	1.968	3.146	0.407			4.3	239	09
29/02/24 09:30	0.740	1.416	2.156	0.400			3.8	244	10
29/02/24 09:35	0.583	2.123	2.707	0.411			4.6	241	11
29/02/24 09:40	0.762	4.489	5.251	0.403			4.3	246	11
29/02/24 09:45	1.083	6.721	7.804	0.387			4.2	249	09
29/02/24 09:50	1.253	5.666	6.920	0.403			4.1	244	12
29/02/24 09:55	1.317	5.733	7.049	0.392			2.9	250	09
29/02/24 10:00	2.256	8.703	10.959	0.373			3.0	248	12
29/02/24 10:05	2.253	3.198	5.451	0.350			3.5	245	12
29/02/24 10:10	1.914	3.515	5.429	0.382			2.8	259	08
29/02/24 10:15	1.722	4.630	6.353	0.393			3.3	255	10
29/02/24 10:20	1.847	6.907	8.754	0.387			4.9	263	05
29/02/24 10:25	2.020	7.299	9.319	0.418			4.2	257	09
29/02/24 10:30	2.169	7.388	9.558	0.471			3.2	269	10
29/02/24 10:35	2.128	6.339	8.466	0.413			3.5	256	08
29/02/24 10:40	2.183	5.853	8.035	0.358			3.5	249	08
29/02/24 10:45	2.233	5.246	7.479	0.375			2.9	243	10
29/02/24 10:50	2.376	4.692	7.068	0.387			3.5	239	08
29/02/24 10:55	2.423	4.003	6.426	0.403			3.1	235	07
29/02/24 11:00	2.560	5.033	7.594	0.545			2.0	240	12
29/02/24 11:05	3.296	6.954	10.250	0.582			2.2	244	18
29/02/24 11:10	3.445	6.444	9.890	0.617			1.5	225	13
29/02/24 11:15	2.972	3.430	6.403	0.768			1.3	200	22
29/02/24 11:20	2.467	1.632	4.099	0.714			1.3	194	29
29/02/24 11:25	1.914	1.303	3.217	0.650			1.3	153	31
29/02/24 11:30	1.404	1.147	2.551	0.733			1.9	136	19
29/02/24 11:35	1.015	1.189	2.204	0.706			1.9	119	14
29/02/24 11:40	0.825	1.131	1.956	0.780			2.6	114	09
29/02/24 11:45	0.621	1.175	1.797	0.724			2.6	118	10
29/02/24 11:50	0.444	1.233	1.677	0.646			1.5	123	19
29/02/24 11:55	0.405	1.189	1.594	0.647			2.1	138	20
29/02/24 12:00	0.330	1.130	1.459	0.595			1.8	140	23
29/02/24 12:05	0.294	1.083	1.377	0.509			1.6	148	24
29/02/24 12:10	0.697	1.654	2.351	0.539			1.4	166	26
29/02/24 12:15	0.652	1.320	1.972	0.611			1.7	149	27
29/02/24 12:20	0.535	1.182	1.717	0.509			1.6	151	22
29/02/24 12:25	0.400	1.042	1.442	0.532			1.9	149	26
29/02/24 12:30	0.265	1.039	1.303	0.506			2.4	145	18
29/02/24 12:35	0.208	1.080	1.288	0.492			2.0	140	19
29/02/24 12:40	0.186	1.097	1.283	0.396			2.1	144	20

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/02/24 12:45	0.181	1.118	1.299	0.306			2.1	141	15
29/02/24 12:50	0.101	1.211	1.312	0.220			1.7	127	19
29/02/24 12:55	0.136	1.320	1.456	0.260			1.5	122	21
29/02/24 13:00	0.122	1.362	1.483	0.274			2.4	144	15
29/02/24 13:05	0.231	1.388	1.619	0.251			2.1	144	15
29/02/24 13:10	0.223	1.428	1.651	0.272			1.4	166	30
29/02/24 13:15	0.191	1.354	1.545	0.217			1.3	161	35
29/02/24 13:20	0.244	1.295	1.539	0.220			1.5	170	25
29/02/24 13:25	0.399	1.374	1.773	0.346			2.1	169	18
29/02/24 13:30	0.680	1.465	2.145	0.491			2.0	173	21
29/02/24 13:35	0.761	1.401	2.162	0.614			1.8	191	16
29/02/24 13:40	0.623	1.392	2.015	0.601			2.4	167	19
29/02/24 13:45	0.502	1.403	1.905	0.563			2.6	163	17
29/02/24 13:50	0.403	1.389	1.792	0.481			3.0	173	19
29/02/24 13:55	0.415	1.300	1.715	0.458			3.0	180	15
29/02/24 14:00	0.397	1.306	1.703	0.447			3.4	182	14
29/02/24 14:05	0.339	1.289	1.629	0.398			3.2	179	17
29/02/24 14:10	0.395	1.509	1.904	0.397			3.6	175	19
29/02/24 14:15	0.389	1.501	1.890	0.287			3.1	174	19
29/02/24 14:20	0.507	1.543	2.050	0.127			3.2	169	21
29/02/24 14:25	0.560	1.647	2.207	0.242			3.3	171	22
29/02/24 14:30	0.477	1.500	1.977	0.291			4.0	186	12
29/02/24 14:35	0.401	1.414	1.815	0.350			3.8	177	16
29/02/24 14:40	0.353	1.325	1.678	0.283			3.4	182	14
29/02/24 14:45	0.311	1.316	1.627	0.111			2.4	162	26
29/02/24 14:50	0.290	1.326	1.616	0.103			3.4	169	19
29/02/24 14:55	0.149	1.251	1.399	0.137			2.9	174	22
29/02/24 15:00	0.167	1.178	1.345	0.265			2.1	167	31
29/02/24 15:05	0.216	1.210	1.426	0.367			3.1	177	18
29/02/24 15:10	0.220	1.334	1.554	0.342			2.8	175	21
29/02/24 15:15	0.306	1.230	1.536	0.244			1.8	173	27
29/02/24 15:20	0.436	1.354	1.790	0.230			2.5	169	22
29/02/24 15:25	0.601	1.799	2.399	0.288			2.1	145	22
29/02/24 15:30	0.583	2.023	2.606	0.281			2.6	176	21
29/02/24 15:35	0.494	2.008	2.502	0.247			2.5	177	23
29/02/24 15:40	0.425	1.880	2.305	0.313			3.2	184	15
29/02/24 15:45	0.359	1.724	2.083	0.268			2.7	183	17
29/02/24 15:50	0.283	1.554	1.837	0.292			3.4	185	14
29/02/24 15:55	0.278	1.339	1.618	0.377			3.6	188	13
29/02/24 16:00	0.261	1.296	1.557	0.365			3.5	185	14
29/02/24 16:05	0.258	1.340	1.598	0.299			3.6	188	12
29/02/24 16:10	0.263	1.348	1.611	0.252			2.6	184	15
29/02/24 16:15	0.155	1.274	1.428	0.289			2.6	185	14
29/02/24 16:20	-0.022	1.235	1.213	0.232			2.8	185	16
29/02/24 16:25	-0.036	1.124	1.088	0.246			2.8	187	18
29/02/24 16:30	0.004	1.043	1.047	0.262			2.4	181	20
29/02/24 16:35	0.057	0.923	0.980	0.264			2.9	189	14
29/02/24 16:40	0.119	0.825	0.944	0.280			2.9	189	14
29/02/24 16:45	0.348	0.778	1.127	0.251			2.8	176	18
29/02/24 16:50	0.319	0.726	1.045	0.227			2.7	185	14
29/02/24 16:55	0.219	0.771	0.989	0.185			3.5	186	13
29/02/24 17:00	0.452	1.191	1.643	0.225			3.5	188	13
29/02/24 17:05	0.576	1.328	1.904	0.201			3.3	187	15
29/02/24 17:10	0.497	1.162	1.659	0.198			3.1	176	18
29/02/24 17:15	0.396	1.228	1.624	0.210			2.5	180	18
29/02/24 17:20	0.402	1.068	1.469	0.148			2.7	181	16
29/02/24 17:25	0.354	0.863	1.217	0.056			2.8	178	17
29/02/24 17:30	0.301	0.723	1.024	0.053			3.0	187	16
29/02/24 17:35	0.246	0.686	0.932	0.058			3.8	194	11
29/02/24 17:40	0.188	0.796	0.985	0.021			4.4	194	09
29/02/24 17:45	0.267	1.259	1.526	-0.019			4.2	190	12
29/02/24 17:50	0.176	1.306	1.482	-0.020			3.9	192	10
29/02/24 17:55	0.227	1.507	1.733	-0.022			3.9	192	10
29/02/24 18:00	0.283	2.130	2.412	-0.078			4.0	188	11
29/02/24 18:05	0.346	2.047	2.394	-0.066			3.6	187	14
29/02/24 18:10	0.270	1.827	2.096	0.121			4.1	190	11
29/02/24 18:15	0.271	1.624	1.894	0.122			4.0	191	10
29/02/24 18:20	0.376	1.464	1.839	0.057			4.2	187	13
29/02/24 18:25	0.279	1.300	1.578	0.135			3.9	187	11
29/02/24 18:30	0.298	1.189	1.488	0.187			3.8	183	11
29/02/24 18:35	0.222	1.167	1.389	0.144			4.2	186	11
29/02/24 18:40	0.102	1.625	1.727	0.169			4.2	184	12
29/02/24 18:45	0.056	1.871	1.927	0.192			4.3	187	11
29/02/24 18:50	0.034	2.264	2.297	0.104			4.3	186	12
29/02/24 18:55	0.029	2.363	2.393	0.053			4.4	187	11
29/02/24 19:00	0.021	2.124	2.145	0.083			4.5	185	13
29/02/24 19:05	-0.039	1.947	1.908	0.124			3.6	178	18
29/02/24 19:10	-0.041	1.622	1.580	0.146			3.9	185	12
29/02/24 19:15	0.078	1.505	1.582	0.035			3.5	182	15
29/02/24 19:20	0.238	1.403	1.641	0.021			2.5	172	24
29/02/24 19:25	0.219	1.350	1.569	0.022			2.7	166	30
29/02/24 19:30	0.132	1.392	1.524	0.002			2.2	167	32
29/02/24 19:35	0.059	1.389	1.449	-0.064			2.3	157	28
29/02/24 19:40	0.021	1.365	1.386	0.031			3.0	154	25
29/02/24 19:45	-0.025	1.420	1.395	0.031			3.2	147	20
29/02/24 19:50	0.003	1.506	1.508	0.082			3.4	151	21
29/02/24 19:55	-0.049	1.571	1.521	0.070			3.8	140	16
29/02/24 20:00	-0.088	1.663	1.576	0.079			3.9	143	15
29/02/24 20:05	-0.095	1.748	1.653	0.095			2.8	147	21
29/02/24 20:10	-0.126	1.893	1.767	0.182			3.4	136	12
29/02/24 20:15	-0.063	2.146	2.083	0.206			2.5	124	16
29/02/24 20:20	0.119	2.356	2.475	0.289			2.7	115	12
29/02/24 20:25	0.179	2.507	2.686	0.263			2.7	116	10
29/02/24 20:30	0.149	2.659	2.808	0.245			1.9	116	18
29/02/24 20:35	0.134	2.850	2.984	0.287			2.3	118	17
29/02/24 20:40	0.130	3.003	3.132	0.217			2.7	115	10
29/02/24 20:45	0.153	2.979	3.132	0.189			2.5	117	16
29/02/24 20:50	0.171	2.962	3.132	0.169			3.1	129	12
29/02/24 20:55	0.068	2.994	3.061	0.149			3.2	127	15
29/02/24 21:00	-0.037	3.045	3.008	0.129			3.7	129	14
29/02/24 21:05	-0.047	3.047	3.000	0.091			2.4	120	19
29/02/24 21:10	-0.028	3.046	3.018	0.073			2.9	125	17
29/02/24 21:15	-0.021	2.940	2.918	0.075			2.8	128	18
29/02/24 21:20	-0.096	2.890	2.794	0.075			3.1	133	15

Station Pier Ambient Air Quality Monitoring

February 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/02/24 21:25	-0.081	2.766	2.685	0.076			4.0	134	11
29/02/24 21:30	-0.032	2.534	2.502	0.030			3.4	135	14
29/02/24 21:35	0.100	2.265	2.365	0.022			2.4	124	16
29/02/24 21:40	0.084	2.194	2.278	-0.037			2.3	119	18
29/02/24 21:45	0.012	2.114	2.126	-0.051			2.6	128	19
29/02/24 21:50	0.001	2.114	2.116	0.008			2.2	119	18
29/02/24 21:55	-0.018	2.163	2.144	0.031			1.9	121	18
29/02/24 22:00	0.032	2.212	2.244	0.050			2.7	130	16
29/02/24 22:05	0.050	2.188	2.238	0.029			2.2	127	18
29/02/24 22:10	-0.014	2.350	2.336	0.142			2.5	128	18
29/02/24 22:15	-0.068	2.541	2.474	0.135			2.1	116	17
29/02/24 22:20	-0.031	2.650	2.619	0.108			1.7	120	20
29/02/24 22:25	-0.074	2.804	2.731	0.063			1.8	122	20
29/02/24 22:30	-0.083	3.021	2.938	0.087			1.6	120	18
29/02/24 22:35	-0.062	3.092	3.030	0.136			1.6	117	23
29/02/24 22:40	-0.018	3.095	3.077	-0.002			2.3	127	21
29/02/24 22:45	-0.027	3.072	3.045	-0.076			1.9	127	16
29/02/24 22:50	0.050	3.030	3.079	-0.084			2.1	130	17
29/02/24 22:55	0.218	2.772	2.990	-0.078			2.5	131	12
29/02/24 23:00	0.153	2.600	2.754	-0.102			2.2	134	17
29/02/24 23:05	0.040	2.554	2.594	-0.062			2.4	133	16
29/02/24 23:10	0.039	2.784	2.823	-0.029			1.7	121	21
29/02/24 23:15	0.057	3.369	3.427	-0.040			1.9	122	15
29/02/24 23:20	0.045	4.247	4.291	-0.080			1.6	120	17
29/02/24 23:25	0.061	5.087	5.148	-0.041			1.5	119	17
29/02/24 23:30	0.113	5.741	5.855	-0.005			2.1	111	10
29/02/24 23:35	0.122	7.021	7.143	-0.028			2.0	119	15
29/02/24 23:40	0.113	8.372	8.485	0.061			2.2	107	10
29/02/24 23:45	0.222	9.961	10.183	0.063			1.9	102	08
29/02/24 23:50	0.286	10.385	10.671				1.6	102	13
29/02/24 23:55	0.296	10.595	10.891				1.3	92	22
01/03/24 00:00	0.393	10.890	11.283	0.055			1.9	104	12

Station Pier Ambient Air Quality Monitoring
February 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 (°)
01/02/24 01:00	6	15.0	0.0	1.5	1.5	0.2			3.6	196	10
01/02/24 02:00	10	15.0							5.0	217	7
01/02/24 03:00	6	15.0	4.3	6.0	10.3	0.3			3.4	244	8
01/02/24 04:00	6	63.0	11.5	9.0	20.6	0.8			4.0	260	8
01/02/24 05:00	8	20.0	10.7	9.1	19.8	1.4			4.6	248	7
01/02/24 06:00	10	15.0	25.0	11.5	36.5	1.4			4.3	251	8
01/02/24 07:00	9	12.0	18.6	10.5	29.1	2.1			4.5	260	8
01/02/24 08:00	9	25.0	16.0	9.4	25.4	1.7			4.2	260	10
01/02/24 09:00	12	25.0	8.1	4.3	12.4	1.3			4.2	255	11
01/02/24 10:00	9	28.0	8.9	5.9	14.8	1.0			3.5	246	10
01/02/24 11:00	8	18.0	4.5	2.1	6.6	0.6			4.4	225	7
01/02/24 12:00	7	19.0	1.0	1.3	2.3	0.4			4.6	219	9
01/02/24 13:00	8	24.0	2.1	2.1	4.2	0.5			3.6	201	12
01/02/24 14:00	8	20.0	2.8	3.6	6.5	0.7			4.0	196	12
01/02/24 15:00	12	20.0	8.6	3.7	12.3	0.5			4.9	199	12
01/02/24 16:00	9	28.0	1.4	1.0	2.4	0.3			3.2	181	20
01/02/24 17:00	7	29.0	0.4	0.9	1.3	0.3			2.3	170	25
01/02/24 18:00	9	25.0	0.7	1.0	1.7	0.2			2.8	165	20
01/02/24 19:00	9	57.0	1.0	1.9	2.9	0.1			3.3	174	19
01/02/24 20:00	12	33.0	0.3	1.2	1.6	0.2			7.1	228	9
01/02/24 21:00	9	28.0	0.4	1.7	2.1	0.4			8.6	235	6
01/02/24 22:00	8	21.0	1.2	2.8	3.9	0.4			7.1	239	7
01/02/24 23:00	5	21.0	2.0	3.3	5.4	0.5			7.0	242	8
02/02/24 00:00	6		5.3	7.6	13.0	0.8			5.6	252	9
02/02/24 01:00	4		5.0	6.5	11.4	1.0			5.5	258	7
02/02/24 02:00	3								5.5	263	8
02/02/24 03:00	7		7.0	8.6	15.6	1.1			5.5	256	9
02/02/24 04:00	6		6.8	7.8	14.5	1.4			6.7	253	7
02/02/24 05:00	7		8.9	10.9	19.8	1.7			5.7	252	8
02/02/24 06:00	6		10.2	10.0	20.2	2.1			5.7	246	8
02/02/24 07:00	7		10.6	9.1	19.7	2.5			5.8	244	8
02/02/24 08:00	7		5.1	3.7	8.9	2.4			6.7	241	7
02/02/24 09:00	6		1.1	1.8	2.9	1.2			7.3	227	7
02/02/24 10:00	7		0.7	1.1	1.8	0.7			6.6	219	7
02/02/24 11:00	9		1.3	1.3	2.6	0.5			5.0	216	7
02/02/24 12:00	10		9.0	3.9	12.9	0.4			4.6	210	7
02/02/24 13:00	13		28.7	11.5	40.1	0.7			3.6	186	15
02/02/24 14:00	14		19.5	7.4	26.9	0.5			3.2	180	17
02/02/24 15:00	13		17.6	7.8	25.4	0.4			3.3	180	18
02/02/24 16:00	13		27.0	9.9	37.0	0.6			3.7	185	16
02/02/24 17:00	12		38.7	12.6	51.3	0.8			4.1	187	14
02/02/24 18:00	19		40.2	13.1	53.3	0.7			4.0	185	15
02/02/24 19:00	17		29.2	5.6	34.8	0.8			4.3	188	13
02/02/24 20:00	13		0.6	5.0	5.5	0.5			4.8	194	9
02/02/24 21:00	16		0.1	3.5	3.6	0.4			3.8	192	10

Station Pier Ambient Air Quality Monitoring
February 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 (°)
02/02/24 22:00	10		0.1	2.0	2.2	0.3			3.0	185	14
02/02/24 23:00	8		0.3	3.8	4.1	0.4			2.2	87	9
03/02/24 00:00	10		0.2	4.1	4.3	0.3			1.8	86	11
03/02/24 01:00	9		0.0	3.9	3.9	0.1			1.7	81	13
03/02/24 02:00	12								1.5	55	10
03/02/24 03:00	16		16.4	13.9	30.3	0.3			0.9	6	21
03/02/24 04:00	14		55.5	15.7	71.2	1.4			1.1	328	23
03/02/24 05:00	17		28.2	15.3	43.5	2.0			1.5	356	18
03/02/24 06:00	12		4.8	13.2	18.0	1.0			1.4	3	21
03/02/24 07:00	14		10.1	11.7	21.9	1.0			1.2	27	20
03/02/24 08:00	15		11.4	8.8	20.2	0.9			2.4	9	17
03/02/24 09:00	14		11.0	8.9	19.9	0.7			1.8	15	24
03/02/24 10:00	11		10.8	11.0	21.8	0.4			0.7	50	43
03/02/24 11:00	9		11.1	12.4	23.5	0.7			1.4	154	24
03/02/24 12:00	9		8.6	11.9	20.5	0.6			2.0	160	18
03/02/24 13:00	10		6.5	10.7	17.2	1.3			2.5	173	19
03/02/24 14:00	11		10.1	17.0	27.1	1.6			1.8	158	24
03/02/24 15:00	8		5.4	11.9	17.2	1.0			1.6	164	26
03/02/24 16:00	20		48.9	35.8	84.7	0.8			2.5	171	15
03/02/24 17:00	13		25.9	24.7	50.6	1.7			3.9	189	13
03/02/24 18:00	17		48.8	22.5	71.2	6.1			3.3	191	17
03/02/24 19:00	13		5.0	5.9	10.9	1.8			4.2	204	10
03/02/24 20:00	8		2.8	5.4	8.2	1.0			5.0	211	8
03/02/24 21:00	12		4.5	5.5	10.0	0.6			4.5	207	9
03/02/24 22:00	11		2.9	3.7	6.6	0.8			3.1	191	12
03/02/24 23:00	12		0.4	4.0	4.3	0.6			1.4	119	17
04/02/24 00:00	11		0.5	7.1	7.6	0.3			2.0	99	7
04/02/24 01:00	11		0.4	6.9	7.3	0.2			1.9	92	9
04/02/24 02:00	10								1.5	86	10
04/02/24 03:00	6		0.2	10.1	10.3	0.3			1.5	87	10
04/02/24 04:00	10		0.2	10.0	10.2	0.3			1.0	61	12
04/02/24 05:00	7		1.8	12.7	14.4	0.3			0.6	319	16
04/02/24 06:00	9		22.5	13.6	36.1	0.7			1.1	341	21
04/02/24 07:00	10		9.5	11.9	21.4	0.8			0.9	331	30
04/02/24 08:00	15		10.6	11.4	22.0	0.9			0.4	35	25
04/02/24 09:00	13		6.8	8.2	15.0	0.7			1.2	134	17
04/02/24 10:00	11		3.4	7.3	10.6	0.5			1.5	156	21
04/02/24 11:00	11		1.5	5.6	7.1	0.4			2.6	194	13
04/02/24 12:00	13		1.8	6.1	7.9	0.4			1.7	216	10
04/02/24 13:00	13		1.2	5.7	6.9	0.4			1.6	341	31
04/02/24 14:00	7		1.0	4.0	5.0	0.1			3.8	343	30
04/02/24 15:00	5		0.9	3.6	4.5	0.1			3.7	336	26
04/02/24 16:00	5		0.9	3.9	4.9	0.1			3.5	339	31
04/02/24 17:00	3		1.1	4.1	5.2	0.2			3.8	326	28
04/02/24 18:00	4		1.0	4.4	5.4	0.1			3.7	339	31

Station Pier Ambient Air Quality Monitoring
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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 (°)
04/02/24 19:00	5		1.3	6.5	7.8	0.1			3.4	358	29
04/02/24 20:00	4		0.7	10.6	11.3	0.1			1.5	298	22
04/02/24 21:00	5		0.2	3.7	3.9	0.2			5.9	225	6
04/02/24 22:00	7		0.1	3.5	3.5	0.1			1.7	241	8
04/02/24 23:00	15		0.2	14.7	14.9	0.2			1.7	292	16
05/02/24 00:00	15		0.4	11.7	12.1	0.5			2.2	209	7
05/02/24 01:00	8		0.2	2.8	3.0	0.6			1.7	164	24
05/02/24 02:00	8								0.5	223	24
05/02/24 03:00	7		1.0	12.4	13.3	0.4			1.2	243	13
05/02/24 04:00	6		0.7	5.4	6.1	0.6			3.9	237	10
05/02/24 05:00	6		1.6	10.2	11.8	0.6			2.8	250	9
05/02/24 06:00	6		2.7	6.5	9.2	0.7			5.0	220	8
05/02/24 07:00	5		5.8	4.9	10.7	0.6			7.6	204	6
05/02/24 08:00	6		8.3	4.5	12.8	0.4			5.9	199	7
05/02/24 09:00	4		7.8	4.9	12.6	0.4			5.9	200	8
05/02/24 10:00	4		5.2	3.1	8.3	0.3			6.2	207	7
05/02/24 11:00	3		13.8	6.3	20.1	0.3			7.0	199	7
05/02/24 12:00	2		5.0	4.3	9.3	0.2			5.6	196	8
05/02/24 13:00	6		5.7	4.7	10.4	0.2			5.6	198	8
05/02/24 14:00	10		3.4	2.9	6.3	0.2			5.4	196	8
05/02/24 15:00	7		3.2	2.6	5.8	0.3			5.4	197	8
05/02/24 16:00	6		3.1	2.5	5.6	0.2			4.5	191	11
05/02/24 17:00	4		0.1	0.7	0.7	0.2			3.0	158	22
05/02/24 18:00	9		0.1	0.6	0.6	0.2			3.2	181	17
05/02/24 19:00	8		0.2	0.7	0.9	0.2			3.8	186	12
05/02/24 20:00	4		0.1	0.9	1.0	0.2			4.7	189	11
05/02/24 21:00	4		0.1	0.7	0.8	0.1			4.9	189	10
05/02/24 22:00	4		0.1	0.3	0.5	0.2			4.2	188	12
05/02/24 23:00	4		0.0	0.3	0.3	0.1			3.1	166	22
06/02/24 00:00	8		-0.1	0.3	0.3	0.2			3.3	167	21
06/02/24 01:00	6		0.0	0.2	0.1	0.4			2.7	164	25
06/02/24 02:00	8								2.9	164	22
06/02/24 03:00	5		0.1	0.3	0.4	0.5			3.4	172	20
06/02/24 04:00	6		0.1	0.4	0.5	0.5			4.0	183	15
06/02/24 05:00	7		0.3	1.2	1.6	0.4			4.7	190	10
06/02/24 06:00	5		3.3	3.6	6.8	0.5			4.4	191	10
06/02/24 07:00	5		1.1	2.8	4.0	0.5			4.0	187	13
06/02/24 08:00	5		11.8	6.4	18.2	0.5			4.1	211	11
06/02/24 09:00	4		16.2	7.8	24.0	0.5			4.7	190	11
06/02/24 10:00	4		12.8	5.5	18.3	0.5			4.6	191	11
06/02/24 11:00	9		19.3	8.3	27.6	0.4			4.4	192	12
06/02/24 12:00	6		13.1	6.1	19.1	0.5			4.7	192	10
06/02/24 13:00	3		6.0	3.7	9.7	0.5			4.4	191	11
06/02/24 14:00	8		6.7	3.9	10.6	0.3			4.0	189	13
06/02/24 15:00	9		4.7	2.4	7.1	0.3			4.3	186	14

**Station Pier Ambient Air Quality Monitoring
February 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 (°)
06/02/24 16:00	7		1.8	1.9	3.6	0.3			4.3	184	16
06/02/24 17:00	4		1.6	0.9	2.5	0.3			4.4	180	16
06/02/24 18:00	8		6.5	5.0	11.4	0.3			4.7	189	12
06/02/24 19:00	7		5.8	4.4	10.3	0.3			4.8	186	12
06/02/24 20:00	9		1.6	1.8	3.5	0.3			3.7	181	16
06/02/24 21:00	6		0.1	0.5	0.6	0.2			3.3	147	20
06/02/24 22:00	6		0.0	0.5	0.5	0.1			3.1	132	19
06/02/24 23:00	8		0.0	0.3	0.3	0.2			2.9	161	22
07/02/24 00:00	5		0.1	0.2	0.3	0.2			2.7	173	20
07/02/24 01:00	1		-0.1	0.5	0.5	-0.1			2.6	123	17
07/02/24 02:00	1								2.8	102	9
07/02/24 03:00	6		0.1	2.7	2.8	0.0			2.9	98	8
07/02/24 04:00	5		0.1	4.3	4.4	0.2			2.7	105	9
07/02/24 05:00	5		0.4	5.2	5.6	0.0			2.1	95	12
07/02/24 06:00	5		1.5	8.7	10.2	0.0			2.0	88	12
07/02/24 07:00	4		12.2	12.2	24.4	0.1			1.8	89	14
07/02/24 08:00											
07/02/24 09:00											
07/02/24 10:00											
07/02/24 11:00	6		1.8	1.7	3.5	0.3			3.4	190	14
07/02/24 12:00	7		1.1	1.9	3.0	0.1			4.6	198	9
07/02/24 13:00	7		1.7	2.5	4.2	0.2			5.0	197	11
07/02/24 14:00	11		1.9	2.0	3.8	0.1			5.3	195	10
07/02/24 15:00	6		1.4	1.5	2.9	0.1			5.5	195	10
07/02/24 16:00	7	12.0	1.0	1.1	2.1	0.1			5.6	194	10
07/02/24 17:00	5	17.0	2.4	2.1	4.5	0.2			5.7	193	10
07/02/24 18:00	2	22.0	2.9	3.1	6.0	0.2			5.0	188	12
07/02/24 19:00	0	30.0	0.5	1.1	1.6	0.1			4.7	185	13
07/02/24 20:00	3	24.0	0.2	0.4	0.6	0.0			3.6	176	20
07/02/24 21:00	4	20.0	0.1	0.6	0.7	0.0			3.6	172	21
07/02/24 22:00	6	13.0	0.0	0.4	0.5	0.1			3.2	157	25
07/02/24 23:00	5	9.0	0.0	0.5	0.5	0.0			4.5	138	15
08/02/24 00:00	3	12.0	0.0	0.6	0.5	0.0			4.1	133	15
08/02/24 01:00	5	13.0	0.1	0.5	0.6	0.2			4.5	134	14
08/02/24 02:00	4	8.0							4.1	134	14
08/02/24 03:00	3	12.0	0.1	1.5	1.5	0.2			3.7	134	15
08/02/24 04:00	3	12.0	0.0	0.9	0.9	0.1			4.0	142	16
08/02/24 05:00	6	10.0	-0.1	1.2	1.1	0.3			4.2	147	19
08/02/24 06:00	5	10.0	0.1	1.4	1.5	0.5			4.7	143	15
08/02/24 07:00	6	12.0	0.3	1.5	1.8	0.7			4.7	142	15
08/02/24 08:00	7	20.0	1.8	1.9	3.7	0.8			3.2	131	18
08/02/24 09:00	8	48.0	9.6	7.9	17.5	0.9			3.3	108	11
08/02/24 10:00	6	30.0	9.7	5.5	15.2	0.9			1.9	120	18
08/02/24 11:00	6	20.0	5.0	5.3	10.2	0.8			2.9	219	8
08/02/24 12:00	11	25.0	22.8	8.2	31.0	1.6			3.8	205	8

Station Pier Ambient Air Quality Monitoring
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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 (°)
08/02/24 13:00	11	15.0	4.5	4.3	8.8	1.5			3.9	204	9
08/02/24 14:00	13	20.0	2.0	2.3	4.4	1.5			4.9	210	6
08/02/24 15:00	13	24.0	22.4	6.6	29.0	3.0			4.4	203	10
08/02/24 16:00	21	38.0	97.1	26.4	123.5	13.4			4.6	198	11
08/02/24 17:00	16	36.0	37.7	15.8	53.4	7.8			5.2	194	9
08/02/24 18:00	17	29.0	24.0	7.8	31.8	4.3			5.6	195	9
08/02/24 19:00	9	47.0	15.8	7.3	23.0	3.0			4.0	193	11
08/02/24 20:00	7	26.0	7.1	3.9	11.0	1.9			3.3	184	16
08/02/24 21:00	9	20.0	0.1	0.7	0.8	0.9			3.2	183	16
08/02/24 22:00	6	21.0	0.2	0.5	0.7	0.6			3.4	184	14
08/02/24 23:00	3	21.0	0.1	0.7	0.7	0.2			3.0	185	15
09/02/24 00:00	3	18.0	0.1	0.5	0.6	0.2			2.8	190	12
09/02/24 01:00	4	16.0	0.0	0.5	0.6	0.4			3.0	191	11
09/02/24 02:00	4	13.0							3.0	194	10
09/02/24 03:00	3	14.0	0.0	1.3	1.3	0.4			3.7	203	8
09/02/24 04:00	6	18.0	0.2	1.8	2.0	0.2			4.2	199	8
09/02/24 05:00	8	15.0	1.7	3.5	5.2	0.4			4.1	198	8
09/02/24 06:00	6	17.0	8.2	7.2	15.3	0.3			4.2	194	9
09/02/24 07:00	6	16.0	5.4	4.6	10.0	0.4			5.3	195	8
09/02/24 08:00	7	18.0	3.6	4.0	7.6	0.4			4.7	192	10
09/02/24 09:00	6	27.0	3.1	3.5	6.7	0.4			3.9	189	12
09/02/24 10:00	7	25.0	2.1	2.9	5.0	0.3			3.5	191	12
09/02/24 11:00	6	16.0	2.5	3.2	5.7	0.4			4.6	195	8
09/02/24 12:00	8	11.0	2.2	2.0	4.2	0.4			5.0	197	8
09/02/24 13:00	6	12.0	1.9	1.8	3.7	0.2			5.3	197	7
09/02/24 14:00	4	14.0	2.0	1.6	3.6	0.2			5.8	197	7
09/02/24 15:00	4	8.0	7.7	5.2	12.9	0.3			6.6	200	7
09/02/24 16:00	5	11.0	16.8	5.0	21.8	0.2			6.7	198	7
09/02/24 17:00	8	17.0	18.4	5.0	23.5	0.4			6.0	195	9
09/02/24 18:00	8	18.0	1.1	1.5	2.6	0.2			5.3	192	10
09/02/24 19:00	9	16.0	0.6	1.7	2.3	0.3			4.6	191	11
09/02/24 20:00	6	17.0	0.3	2.0	2.3	0.1			3.9	184	15
09/02/24 21:00	8	15.0	0.1	0.6	0.7	0.2			2.7	171	22
09/02/24 22:00	7	8.0	0.0	0.3	0.3	0.2			3.0	154	23
09/02/24 23:00	2	11.0	0.1	0.4	0.5	0.3			2.5	170	23
10/02/24 00:00	0	8.0	0.0	0.7	0.8	0.2			3.1	160	21
10/02/24 01:00	2	12.0	0.0	0.4	0.5	0.0			5.5	139	14
10/02/24 02:00	6	17.0							4.8	138	17
10/02/24 03:00	13	25.0	0.0	0.5	0.6	0.1			3.6	129	17
10/02/24 04:00	9	32.0	0.1	0.4	0.5	0.0			2.9	129	18
10/02/24 05:00	9	34.0	0.0	0.4	0.4	0.1			2.8	165	20
10/02/24 06:00	14	32.0	0.1	0.4	0.5	0.2			2.4	171	22
10/02/24 07:00	11	38.0	0.5	0.5	1.1	0.2			2.4	170	19
10/02/24 08:00	18	39.0	1.3	2.1	3.4	0.1			2.2	132	18
10/02/24 09:00	11	40.0	14.8	6.3	21.2	0.2			2.1	178	22

Station Pier Ambient Air Quality Monitoring
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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 (°)
10/02/24 10:00	14	35.0	17.1	7.5	24.5	0.6			2.4	202	14
10/02/24 11:00	12	29.0	0.8	1.7	2.5	0.6			2.3	222	9
10/02/24 12:00	9	30.0	4.6	4.2	8.8	0.7			2.1	214	9
10/02/24 13:00	17	39.0	6.5	8.3	14.9	1.0			2.5	204	11
10/02/24 14:00	20	37.0	13.3	13.8	27.1	1.2			3.1	211	6
10/02/24 15:00	20	43.0	12.8	14.9	27.7	1.2			3.3	212	5
10/02/24 16:00	16	34.0	9.4	12.8	22.1	1.0			4.5	209	5
10/02/24 17:00	20	38.0	22.3	21.7	44.0	0.9			4.0	208	7
10/02/24 18:00	20	33.0	44.2	14.0	58.1	1.6			3.0	205	10
10/02/24 19:00	16	33.0	0.9	3.5	4.4	0.7			2.5	191	13
10/02/24 20:00	10	26.0	0.2	4.9	5.1	0.7			1.7	179	11
10/02/24 21:00	12	35.0	0.1	5.2	5.3	0.5			3.0	108	10
10/02/24 22:00	13	41.0	0.3	4.4	4.6	0.5			2.1	106	9
10/02/24 23:00	10	35.0	0.2	6.1	6.3	0.4			1.6	108	12
11/02/24 00:00	11	26.0	-0.1	5.5	5.5	0.3			1.6	112	14
11/02/24 01:00	8	27.0	0.1	7.5	7.6	0.3			1.3	104	9
11/02/24 02:00	8	21.0							0.7	349	21
11/02/24 03:00	12	27.0	7.0	13.3	20.3	0.6			1.0	325	22
11/02/24 04:00	8	27.0	1.9	11.1	12.9	0.5			1.1	358	24
11/02/24 05:00	6	29.0	1.7	9.6	11.3	0.5			0.6	357	28
11/02/24 06:00	10	19.0	3.6	8.6	12.1	0.5			2.0	24	20
11/02/24 07:00	8	24.0	1.6	4.8	6.4	0.6			3.2	6	24
11/02/24 08:00	5	30.0	3.1	3.3	6.4	0.7			3.8	359	27
11/02/24 09:00	1	30.0	3.1	3.2	6.3	0.4			3.4	350	30
11/02/24 10:00	0	22.0	2.3	3.2	5.6	0.6			3.2	346	31
11/02/24 11:00	1	20.0	1.8	3.1	4.8	0.5			3.9	355	27
11/02/24 12:00	4	17.0	2.2	3.1	5.3	0.4			3.9	9	24
11/02/24 13:00	7	14.0	2.2	3.6	5.8	0.4			3.1	359	31
11/02/24 14:00	5	17.0	1.3	2.8	4.1	0.6			2.7	331	31
11/02/24 15:00	3	20.0	0.8	2.8	3.7	0.4			2.5	329	32
11/02/24 16:00	6	20.0	0.8	3.2	4.0	0.5			2.6	316	26
11/02/24 17:00	5	17.0	0.5	2.4	3.0	0.5			3.0	295	20
11/02/24 18:00	5	18.0	0.5	2.8	3.3	0.4			2.1	285	23
11/02/24 19:00	6	24.0	15.6	13.7	29.3	0.6			3.4	208	11
11/02/24 20:00	10	28.0	0.8	6.7	7.4	0.6			3.3	203	11
11/02/24 21:00	14	27.0	36.4	23.1	59.6	2.0			3.9	194	10
11/02/24 22:00	13	27.0	9.1	10.3	19.4	3.5			2.5	192	12
11/02/24 23:00	9	21.0	0.3	5.9	6.2	1.4			3.5	235	6
12/02/24 00:00	11	26.0	1.3	17.4	18.7	1.1			3.4	258	8
12/02/24 01:00	11	33.0	0.3	7.7	8.0	1.2			2.1	280	12
12/02/24 02:00	14	23.0							2.2	270	13
12/02/24 03:00	14	32.0	0.2	11.1	11.3	0.9			1.0	309	16
12/02/24 04:00	11	29.0	0.2	14.2	14.4	0.7			0.7	336	27
12/02/24 05:00	15	33.0	2.5	17.6	20.1	0.9			0.6	25	15
12/02/24 06:00	12	38.0	5.1	20.0	25.0	0.9			1.1	68	10

**Station Pier Ambient Air Quality Monitoring
February 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 (°)
12/02/24 07:00	14	34.0	10.6	22.3	32.9	1.1			1.0	358	31
12/02/24 08:00	12	39.0	21.3	23.7	45.0	1.4			0.6	348	46
12/02/24 09:00	9	31.0	9.2	12.9	22.1	1.1			2.1	345	34
12/02/24 10:00	11	38.0	3.2	7.4	10.6	0.8			2.7	347	31
12/02/24 11:00	7	35.0	2.0	6.7	8.7	0.6			3.2	346	29
12/02/24 12:00	5	38.0	1.7	5.3	7.0	0.3			3.5	329	29
12/02/24 13:00	7	36.0	1.5	5.6	7.1	0.3			3.9	320	27
12/02/24 14:00	7	32.0	4.3	7.4	11.8	0.3			3.5	292	24
12/02/24 15:00	16	39.0	26.7	21.2	47.9	1.8			3.6	187	19
12/02/24 16:00	16	35.0	24.7	19.7	44.4	1.7			3.7	199	12
12/02/24 17:00	18	37.0	21.8	15.5	37.2	1.0			4.0	203	9
12/02/24 18:00	13	29.0	25.6	10.8	36.4	0.7			4.3	206	9
12/02/24 19:00	8	27.0	2.3	3.1	5.4	0.5			5.3	213	5
12/02/24 20:00	17	27.0	38.9	21.7	60.6	0.6			3.1	200	11
12/02/24 21:00	13	23.0	3.4	5.4	8.8	0.3			2.3	212	9
12/02/24 22:00	13	21.0	0.1	1.4	1.5	0.2			2.5	237	7
12/02/24 23:00	11	25.0	1.8	18.8	20.6	0.6			1.8	273	10
13/02/24 00:00	12	31.0	1.2	21.6	22.8	0.7			1.0	289	14
13/02/24 01:00	18	41.0	1.1	22.0	23.2	0.4			0.7	311	28
13/02/24 02:00	11	29.0							0.6	42	22
13/02/24 03:00	14	28.0	1.1	20.4	21.5	0.3			1.2	50	12
13/02/24 04:00	11	32.0	0.4	11.2	11.6	0.3			2.1	16	22
13/02/24 05:00	13	35.0	3.0	20.5	23.5	0.3			2.1	4	19
13/02/24 06:00	12	44.0	4.3	23.8	28.2	0.3			3.5	6	22
13/02/24 07:00	9	47.0	5.8	22.5	28.3	0.2			3.8	5	20
13/02/24 08:00	7	45.0	8.4	17.3	25.7	0.2			3.0	355	29
13/02/24 09:00	13	75.0	3.4	9.1	12.5	0.2			3.7	333	32
13/02/24 10:00	10	62.0	3.0	8.6	11.6	0.1			4.1	352	30
13/02/24 11:00											
13/02/24 12:00											
13/02/24 13:00											
13/02/24 14:00											
13/02/24 15:00											
13/02/24 16:00											
13/02/24 17:00											
13/02/24 18:00											
13/02/24 19:00											
13/02/24 20:00											
13/02/24 21:00											
13/02/24 22:00											
13/02/24 23:00											
14/02/24 00:00											
14/02/24 01:00											
14/02/24 02:00											
14/02/24 03:00											

Station Pier Ambient Air Quality Monitoring
February 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 (°)
14/02/24 04:00											
14/02/24 05:00											
14/02/24 06:00											
14/02/24 07:00											
14/02/24 08:00											
14/02/24 09:00											
14/02/24 10:00											
14/02/24 11:00											
14/02/24 12:00											
14/02/24 13:00											
14/02/24 14:00											
14/02/24 15:00											
14/02/24 16:00											
14/02/24 17:00											
14/02/24 18:00											
14/02/24 19:00											
14/02/24 20:00											
14/02/24 21:00											
14/02/24 22:00											
14/02/24 23:00											
15/02/24 00:00											
15/02/24 01:00											
15/02/24 02:00											
15/02/24 03:00											
15/02/24 04:00											
15/02/24 05:00											
15/02/24 06:00											
15/02/24 07:00											
15/02/24 08:00											
15/02/24 09:00											
15/02/24 10:00											
15/02/24 11:00											
15/02/24 12:00	6	21.0	8.7	5.7	14.4	0.9			4.1	197	10
15/02/24 13:00	6	21.0	20.9	9.0	29.9	0.7			5.2	205	7
15/02/24 14:00	8	22.0	21.8	10.5	32.2	0.6			5.7	203	7
15/02/24 15:00	9	23.0	44.4	14.4	58.8	0.7			5.9	200	9
15/02/24 16:00	10	20.0	55.2	12.4	67.6	0.9			6.4	201	8
15/02/24 17:00	9	27.0	36.9	9.9	46.8	0.7			5.2	195	11
15/02/24 18:00	7	35.0	0.8	1.5	2.3	0.3			4.0	181	15
15/02/24 19:00	8	25.0	0.2	1.0	1.2	0.3			3.2	164	22
15/02/24 20:00	5	15.0	0.1	1.2	1.4	0.4			4.4	139	14
15/02/24 21:00	5	17.0	0.1	1.9	2.0	0.1			3.4	136	17
15/02/24 22:00	6	19.0	0.1	1.6	1.7	0.3			3.2	129	15
15/02/24 23:00	5	11.0	0.2	1.6	1.7	0.2			3.4	137	16
16/02/24 00:00	6	14.0	0.1	1.0	1.0	0.1			3.6	141	17

Station Pier Ambient Air Quality Monitoring
February 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 (°)
16/02/24 01:00	5	16.0	0.0	1.0	1.0	0.0			3.9	139	15
16/02/24 02:00	7	17.0							3.3	136	17
16/02/24 03:00	7	22.0	0.1	1.8	1.9	0.2			2.1	125	19
16/02/24 04:00	6	16.0	0.2	2.0	2.1	0.2			1.8	124	21
16/02/24 05:00	6	19.0	0.4	2.8	3.1	0.1			2.1	115	15
16/02/24 06:00	5	20.0	3.6	8.5	12.2	0.2			1.4	86	13
16/02/24 07:00	6	19.0	8.8	14.8	23.6	0.2			1.0	79	18
16/02/24 08:00	14	26.0	9.0	13.7	22.7	0.3			1.3	97	14
16/02/24 09:00	10	30.0	15.5	14.1	29.6	0.5			2.0	114	12
16/02/24 10:00	9	26.0	8.8	9.9	18.7	0.5			2.2	130	16
16/02/24 11:00	9	27.0	4.6	6.8	11.4	0.4			1.7	181	20
16/02/24 12:00	9	27.0	5.1	5.1	10.2	0.3			3.0	203	11
16/02/24 13:00	8	25.0	4.0	4.4	8.4	0.3			3.7	200	10
16/02/24 14:00	7	21.0	3.4	2.7	6.1	0.3			4.1	198	10
16/02/24 15:00	13	24.0	13.3	8.1	21.4	0.9			4.7	199	11
16/02/24 16:00	14	24.0	32.5	11.2	43.7	2.6			5.5	194	9
16/02/24 17:00	13	20.0	14.6	7.4	22.0	2.3			5.9	193	8
16/02/24 18:00	13	30.0	1.8	3.9	5.8	0.8			4.2	191	12
16/02/24 19:00	12	34.0	1.2	2.9	4.0	0.6			3.3	187	15
16/02/24 20:00	10	26.0	0.6	2.1	2.6	0.3			3.0	181	19
16/02/24 21:00	13	17.0	0.2	1.2	1.4	0.3			2.9	174	21
16/02/24 22:00	11	13.0	0.1	0.9	1.0	0.0			3.1	149	19
16/02/24 23:00	6	10.0	0.0	1.1	1.1	0.0			2.6	138	17
17/02/24 00:00	3	10.0	0.0	1.3	1.2	0.0			1.8	141	21
17/02/24 01:00	4	15.0	0.0	1.0	1.0	0.6			1.9	135	19
17/02/24 02:00	3	18.0							1.7	129	19
17/02/24 03:00	3	14.0	0.1	2.3	2.4	0.7			1.5	117	19
17/02/24 04:00	5	17.0	0.2	3.4	3.6	0.7			1.4	81	10
17/02/24 05:00	6	16.0	0.8	8.0	8.8	0.6			0.9	76	15
17/02/24 06:00	6	14.0	1.3	9.4	10.6	0.7			1.2	85	13
17/02/24 07:00	8	18.0	2.3	8.2	10.5	0.9			1.2	87	13
17/02/24 08:00	12	17.0	6.8	11.0	17.8	0.9			1.5	78	15
17/02/24 09:00	15	24.0	9.7	9.3	19.0	1.0			1.6	84	16
17/02/24 10:00	11	23.0	8.3	9.4	17.7	1.7			0.9	118	24
17/02/24 11:00	17	22.0	3.4	4.6	8.1	2.6			1.1	163	25
17/02/24 12:00	19	24.0	8.6	6.2	14.8	3.3			2.0	182	18
17/02/24 13:00	22	25.0	6.4	7.7	14.1	3.4			2.2	190	16
17/02/24 14:00	22	28.0	13.4	12.6	25.9	2.9			3.4	197	11
17/02/24 15:00	24	28.0	12.6	11.8	24.4	1.7			3.6	196	11
17/02/24 16:00	7	18.0	14.9	6.4	21.3	1.0			4.9	197	8
17/02/24 17:00	8	24.0	1.0	2.0	2.9	0.2			4.3	196	10
17/02/24 18:00	11	15.0	2.7	4.7	7.4	0.6			4.0	194	10
17/02/24 19:00	8	14.0	6.0	9.5	15.5	0.8			3.6	192	11
17/02/24 20:00	6	11.0	-0.1	1.0	0.9	0.4			3.1	183	16
17/02/24 21:00	4	9.0	0.0	1.5	1.5	0.3			3.7	140	15

Station Pier Ambient Air Quality Monitoring
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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 (°)
17/02/24 22:00	4	6.0	0.1	2.0	2.1	0.3			2.5	133	17
17/02/24 23:00	7	5.0	0.1	2.9	3.1	0.2			2.1	130	20
18/02/24 00:00	4	5.0	2.5	1.9	4.4	0.1			2.5	134	18
18/02/24 01:00	5	23.0	0.2	2.9	3.2				2.2	99	10
18/02/24 02:00	5	5.0							2.0	114	15
18/02/24 03:00	5	11.0	0.2	3.6	3.8	0.1			2.6	96	7
18/02/24 04:00	8	8.0	0.0	3.2	3.2	0.1			2.5	96	8
18/02/24 05:00	5	7.0	0.0	2.6	2.6	0.2			2.1	101	10
18/02/24 06:00	5	6.0	0.1	3.6	3.7	0.1			2.4	92	10
18/02/24 07:00	6	5.0	3.8	7.1	10.9	0.2			1.8	85	11
18/02/24 08:00	4	6.0	7.4	5.3	12.7	0.3			2.1	96	11
18/02/24 09:00	4	16.0	8.5	4.8	13.4	0.3			2.8	110	11
18/02/24 10:00	3	6.0	4.0	3.4	7.4	0.3			2.1	149	22
18/02/24 11:00	2	6.0	8.9	3.6	12.5	0.4			1.5	156	24
18/02/24 12:00	3	10.0	8.9	5.4	14.3	0.5			2.7	195	14
18/02/24 13:00	5	6.0	1.8	2.2	4.0	0.2			4.1	208	9
18/02/24 14:00	3	3.0	1.8	2.0	3.9	0.2			3.8	205	9
18/02/24 15:00	4	8.0	3.4	2.2	5.7	0.5			4.2	195	9
18/02/24 16:00	5	11.0	2.9	2.2	5.1	0.7			4.5	194	10
18/02/24 17:00	4	15.0	8.5	3.7	12.2	1.0			5.8	192	9
18/02/24 18:00	6	15.0	23.1	6.4	29.5	1.6			6.3	195	8
18/02/24 19:00	15	27.0	23.0	7.5	30.6	2.7			4.5	191	11
18/02/24 20:00	8	14.0	1.9	1.8	3.6	1.4			2.8	170	24
18/02/24 21:00	3	9.0	0.3	0.5	0.8	0.6			3.5	146	20
18/02/24 22:00	3	6.0	0.0	0.7	0.7	0.4			2.9	149	20
18/02/24 23:00	4	8.0	0.0	0.8	0.9	0.3			2.4	127	15
19/02/24 00:00	9	6.0	0.0	0.5	0.5	0.4			2.9	131	18
19/02/24 01:00	5	11.0	0.0	0.6	0.6	0.6			2.2	153	22
19/02/24 02:00	1	9.0							2.6	174	18
19/02/24 03:00	4	5.0	0.0	0.4	0.4	0.6			2.9	158	19
19/02/24 04:00	5	9.0	0.1	0.4	0.5	0.6			2.6	154	22
19/02/24 05:00	5	8.0	0.1	0.5	0.6	0.6			2.8	161	20
19/02/24 06:00	6	12.0	0.0	0.9	0.9	0.5			2.6	127	19
19/02/24 07:00	7	14.0	0.1	1.1	1.2	0.5			2.6	129	19
19/02/24 08:00	6	12.0	0.2	1.1	1.3	0.2			2.5	137	21
19/02/24 09:00	6	17.0	1.4	2.5	3.8	0.2			2.2	118	15
19/02/24 10:00	6	7.0	0.6	1.6	2.3	0.2			2.4	148	20
19/02/24 11:00	5	16.0	0.2	1.1	1.4	0.1			2.5	178	20
19/02/24 12:00	6	15.0	0.4	1.1	1.6	0.2			2.9	188	14
19/02/24 13:00	8	8.0	1.1	1.4	2.4	0.4			4.5	198	8
19/02/24 14:00	7	11.0	0.4	0.7	1.1	0.2			5.4	202	5
19/02/24 15:00	7	11.0	0.4	0.8	1.2	0.3			6.2	204	6
19/02/24 16:00	5	8.0	0.3	0.8	1.1	0.2			6.9	202	5
19/02/24 17:00	5	10.0	0.5	0.8	1.4	0.1			7.4	202	5
19/02/24 18:00	4	8.0	0.8	1.6	2.3	0.2			7.0	200	6

Station Pier Ambient Air Quality Monitoring
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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 (°)
19/02/24 19:00	6	13.0	0.5	1.3	1.8	0.1			5.7	195	9
19/02/24 20:00	5	19.0	0.1	0.7	0.8	0.1			3.5	182	16
19/02/24 21:00	3	16.0	0.0	0.5	0.5	0.1			2.7	173	23
19/02/24 22:00	3	16.0	0.0	0.4	0.4	0.2			2.7	183	14
19/02/24 23:00	5	11.0	-0.1	0.5	0.5	0.1			2.9	188	12
20/02/24 00:00	5	10.0	0.0	0.7	0.7	0.2			2.8	192	11
20/02/24 01:00	2	15.0	0.1	1.2	1.3	0.2			1.9	180	20
20/02/24 02:00	5	11.0							1.7	159	22
20/02/24 03:00	6	13.0	0.1	3.3	3.4	0.2			1.3	156	22
20/02/24 04:00	5	15.0	0.1	4.6	4.7	0.1			0.2	235	19
20/02/24 05:00	6	14.0	0.3	4.0	4.3	0.3			2.4	252	11
20/02/24 06:00	8	13.0	0.4	4.1	4.5	0.4			1.5	273	17
20/02/24 07:00	13	21.0	10.9	12.6	23.5	0.4			1.2	276	14
20/02/24 08:00	11	25.0	19.8	14.1	34.0	0.6			1.3	277	22
20/02/24 09:00	9	28.0	21.1	12.5	33.6	0.9			0.5	20	29
20/02/24 10:00	14	31.0	17.8	13.2	31.0	0.9			1.5	162	21
20/02/24 11:00	16	27.0	29.9	14.8	44.7	1.3			2.9	192	13
20/02/24 12:00	17	35.0	52.4	19.4	71.8	4.3			3.1	192	14
20/02/24 13:00	24	36.0	47.0	16.1	63.0	5.6			3.0	198	12
20/02/24 14:00	11	27.0	4.5	9.5	14.0	2.0			4.2	207	8
20/02/24 15:00	10	22.0	2.1	7.4	9.5	1.4			4.0	203	8
20/02/24 16:00	11	25.0	1.9	7.0	8.9	0.9			3.5	204	8
20/02/24 17:00	15	36.0	17.8	17.7	35.5	1.1			5.9	210	5
20/02/24 18:00	14	32.0	0.8	3.9	4.8	0.6			5.0	203	6
20/02/24 19:00	15	27.0	1.7	14.4	16.1	0.5			5.0	219	6
20/02/24 20:00	14	27.0	0.2	5.2	5.4	0.5			5.0	215	4
20/02/24 21:00	9	22.0	0.1	3.0	3.2	0.3			5.6	229	5
20/02/24 22:00	8	22.0	1.0	8.8	9.8	0.4			3.7	244	7
20/02/24 23:00	15	25.0	1.4	14.5	15.9	0.4			1.6	265	14
21/02/24 00:00	14	41.0	0.4	17.0	17.4	0.4			1.8	281	13
21/02/24 01:00	15	38.0	0.2	13.8	13.9	0.7			1.1	297	23
21/02/24 02:00	11	36.0							0.8	324	30
21/02/24 03:00	11	29.0	0.5	18.4	18.9	0.8			0.1	39	25
21/02/24 04:00	18	29.0	2.0	20.6	22.6	0.8			0.8	349	21
21/02/24 05:00	10	28.0	4.4	21.9	26.3	0.9			0.5	105	22
21/02/24 06:00	10	26.0	0.8	17.0	17.8	0.8			0.2	246	22
21/02/24 07:00	11	31.0	9.7	30.3	40.0	1.0			1.5	358	24
21/02/24 08:00	7	29.0	3.6	15.3	18.9	0.9			2.4	8	23
21/02/24 09:00	4	30.0	4.3	11.4	15.7	0.7			2.3	12	28
21/02/24 10:00	4	30.0	3.0	8.6	11.6	0.7			3.1	359	25
21/02/24 11:00	8	27.0	1.9	6.2	8.1	0.6			3.1	346	30
21/02/24 12:00	8	24.0	1.2	4.8	6.0	0.6			3.1	6	27
21/02/24 13:00	5	21.0	1.3	5.0	6.3	0.6			2.3	356	26
21/02/24 14:00	3	15.0	1.0	4.0	5.0	0.5			2.0	350	28
21/02/24 15:00	4	24.0	1.0	4.1	5.1	0.6			2.1	3	28

Station Pier Ambient Air Quality Monitoring
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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 (°)
21/02/24 16:00	6	23.0	0.7	5.2	5.9	0.2			2.9	26	26
21/02/24 17:00	6	23.0	0.5	6.2	6.7	0.3			3.3	34	19
21/02/24 18:00	6	17.0	0.8	6.1	6.9	0.1			2.9	24	21
21/02/24 19:00	6	15.0	0.5	6.1	6.5	0.3			2.6	32	16
21/02/24 20:00	12	17.0	0.3	7.5	7.8	0.3			2.7	35	15
21/02/24 21:00	10	21.0	0.3	8.3	8.5	0.2			2.6	39	15
21/02/24 22:00	7	13.0	0.1	7.3	7.4	0.3			3.0	39	14
21/02/24 23:00	8	16.0	0.3	6.9	7.2	0.2			2.3	17	18
22/02/24 00:00	6	22.0	0.2	6.9	7.1	0.2			2.9	11	17
22/02/24 01:00	6	10.0	0.2	6.5	6.6	0.4			2.3	13	19
22/02/24 02:00	10	15.0							1.2	33	20
22/02/24 03:00	9	20.0	0.3	7.6	7.9	0.5			1.4	20	22
22/02/24 04:00	5	8.0	0.3	7.8	8.1	0.5			3.1	7	18
22/02/24 05:00	4	22.0	0.1	8.6	8.7	0.5			3.7	14	16
22/02/24 06:00	6	24.0	0.3	10.5	10.8	0.4			3.6	16	19
22/02/24 07:00	7	50.0	2.1	14.4	16.5	0.5			4.2	19	18
22/02/24 08:00	7	80.0	4.6	13.0	17.6	0.4			4.0	14	21
22/02/24 09:00	5	76.0	4.3	10.2	14.5	0.5			4.0	9	22
22/02/24 10:00	3	58.0	3.9	9.3	13.2	0.4			4.3	3	25
22/02/24 11:00	2	77.0	2.9	8.1	11.0	0.4			5.2	7	23
22/02/24 12:00	6	83.0	2.2	6.9	9.1	0.3			5.4	9	23
22/02/24 13:00	6	55.0	2.1	6.5	8.6	0.3			5.3	13	21
22/02/24 14:00	6	48.0	1.9	7.1	9.0	0.4			4.3	360	29
22/02/24 15:00	7	48.0	1.7	7.4	9.2	0.4			4.1	6	28
22/02/24 16:00	5	44.0	1.5	8.1	9.7	0.6			4.5	16	21
22/02/24 17:00	3	36.0	0.8	8.4	9.2	0.5			4.3	29	18
22/02/24 18:00	12	43.0	0.4	5.7	6.1	0.5			3.6	201	17
22/02/24 19:00	12	39.0	0.1	1.5	1.7	0.3			6.4	195	9
22/02/24 20:00	16	34.0	0.1	1.1	1.2	0.3			5.9	191	9
22/02/24 21:00	13	32.0	0.5	2.1	2.7	0.3			4.9	188	11
22/02/24 22:00	11	44.0	0.4	1.4	1.8	0.3			4.0	186	14
22/02/24 23:00	14	43.0	0.2	0.7	0.9	0.3			3.6	188	13
23/02/24 00:00	12	40.0	0.0	1.0	1.0	0.3			3.8	191	13
23/02/24 01:00	14	35.0	0.0	0.8	0.8	0.3			4.4	212	9
23/02/24 02:00	11	30.0							6.1	240	7
23/02/24 03:00	10	31.0	0.8	2.4	3.1	0.5			7.0	237	9
23/02/24 04:00	13	25.0	0.1	0.9	1.0	0.4			7.8	226	6
23/02/24 05:00	9	25.0	0.6	4.2	4.9	0.5			5.8	241	8
23/02/24 06:00	12	27.0	3.7	8.8	12.6	0.9			5.9	243	7
23/02/24 07:00	11	30.0	2.9	9.9	12.9	1.0			5.3	246	9
23/02/24 08:00	11	32.0	2.8	5.2	8.0	0.9			5.4	237	8
23/02/24 09:00	10	24.0	1.1	2.0	3.1	0.8			7.6	237	7
23/02/24 10:00	7	17.0	1.0	1.7	2.7	0.6			7.3	235	8
23/02/24 11:00	5	13.0	0.8	1.1	1.9	0.5			8.3	223	7
23/02/24 12:00	6	19.0	3.2	1.9	5.1	0.4			8.3	223	6

Station Pier Ambient Air Quality Monitoring
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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 (°)
23/02/24 13:00	8	25.0	18.2	8.2	26.4	0.7			6.5	216	7
23/02/24 14:00	14	31.0	62.7	16.9	79.6	1.6			4.1	200	11
23/02/24 15:00	17	33.0	72.5	18.5	91.0	4.5			4.9	196	12
23/02/24 16:00	14	34.0	88.4	21.7	110.2	6.6			4.9	196	11
23/02/24 17:00	14	35.0	89.6	21.3	110.8	5.7			4.8	198	11
23/02/24 18:00	17	37.0	106.3	20.6	126.9	6.3			5.7	198	9
23/02/24 19:00	12	33.0	50.7	16.6	67.4	2.9			5.8	200	10
23/02/24 20:00	12	23.0	12.2	7.7	19.9	1.7			6.4	206	9
23/02/24 21:00	9	23.0	34.0	12.4	46.4	1.4			6.1	202	10
23/02/24 22:00	7	17.0	6.6	3.3	9.9	1.2			6.7	211	8
23/02/24 23:00	7	16.0	0.8	1.2	2.0	0.8			7.6	218	8
24/02/24 00:00	6	27.0	0.4	1.6	2.0	0.7			6.9	226	9
24/02/24 01:00	11	34.0	0.4	1.2	1.5	0.8			7.4	217	8
24/02/24 02:00	7	32.0							5.9	208	9
24/02/24 03:00	19	34.0	37.8	11.8	49.6	4.1			5.3	196	9
24/02/24 04:00	17	34.0	28.5	9.0	37.4	6.7			4.6	195	10
24/02/24 05:00	15	39.0	26.9	10.9	37.8	4.0			4.8	197	10
24/02/24 06:00	12	37.0	17.7	8.9	26.6	4.3			4.5	198	9
24/02/24 07:00	11	35.0	25.6	9.9	35.5	4.3			4.2	196	10
24/02/24 08:00	13	43.0	26.1	10.0	36.2	5.0			3.2	180	18
24/02/24 09:00	13	38.0	17.3	9.5	26.8	4.1			3.1	188	16
24/02/24 10:00	13	40.0	11.0	6.9	17.8	3.1			2.8	184	17
24/02/24 11:00	13	34.0	7.4	5.5	12.9	2.5			3.0	193	13
24/02/24 12:00	13	32.0	4.2	3.5	7.7	1.7			3.6	197	10
24/02/24 13:00	9	36.0	4.1	3.6	7.7	1.1			4.1	199	10
24/02/24 14:00	14	30.0	8.9	6.1	15.0	1.4			4.5	200	9
24/02/24 15:00	10	33.0	7.8	5.5	13.2	1.2			4.8	201	9
24/02/24 16:00	10	28.0	10.2	6.4	16.6	1.3			4.8	199	9
24/02/24 17:00	10	31.0	36.0	8.5	44.5	4.6			5.6	196	8
24/02/24 18:00	13	27.0	1.2	1.3	2.6	1.7			6.3	197	7
24/02/24 19:00	13	35.0	0.6	1.3	1.9	0.7			4.9	193	12
24/02/24 20:00	13	37.0	0.1	0.6	0.7	0.5			2.8	162	25
24/02/24 21:00	12	39.0	0.1	1.4	1.5	0.4			2.8	128	17
24/02/24 22:00	11	41.0	0.4	1.7	2.1	0.3			2.8	117	15
24/02/24 23:00	10	33.0	0.1	2.6	2.7	0.4			2.2	122	17
25/02/24 00:00	12	40.0	0.1	5.0	5.1	0.3			1.9	127	18
25/02/24 01:00	12	35.0	1.7	6.9	8.6	0.2			1.2	98	17
25/02/24 02:00	12	37.0							0.9	32	11
25/02/24 03:00	15	30.0	12.9	16.0	28.9	0.1			1.0	337	20
25/02/24 04:00	17	29.0	18.0	14.6	32.6	0.6			1.4	319	18
25/02/24 05:00	11	29.0	17.5	13.4	30.9	0.6			1.4	346	16
25/02/24 06:00	15	30.0	15.8	14.0	29.8	0.9			1.5	3	17
25/02/24 07:00	13	36.0	32.9	13.2	46.1	1.0			1.1	335	17
25/02/24 08:00	10	20.0	5.0	8.7	13.7	1.2			1.6	328	30
25/02/24 09:00	11	27.0	5.7	9.1	14.8	1.0			1.8	341	31

Station Pier Ambient Air Quality Monitoring
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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 (°)
25/02/24 10:00	10	28.0	3.1	6.0	9.1	0.5			2.6	356	27
25/02/24 11:00	8	26.0	2.4	4.7	7.1	0.3			1.9	352	34
25/02/24 12:00	12	23.0	1.9	4.0	5.9	0.2			2.2	341	29
25/02/24 13:00	7	26.0	2.0	4.8	6.8	0.2			2.4	342	25
25/02/24 14:00	10	28.0	2.7	9.0	11.7	0.2			0.2	186	36
25/02/24 15:00	19	52.0	4.5	11.9	16.4	1.0			2.1	178	17
25/02/24 16:00	20	50.0	2.0	11.9	13.9	0.4			1.0	152	28
25/02/24 17:00	39	50.0	40.5	23.1	63.6	0.9			3.4	192	14
25/02/24 18:00	47	63.0	3.3	13.8	17.1	0.5			1.5	176	21
25/02/24 19:00	25	36.0	0.3	4.0	4.2	0.3			5.5	195	11
25/02/24 20:00	12	34.0	0.3	1.0	1.3	0.0			6.2	192	10
25/02/24 21:00	8	23.0	0.4	1.2	1.6	0.1			5.7	193	9
25/02/24 22:00	6	21.0	0.0	0.6	0.6	0.0			5.0	196	9
25/02/24 23:00	6	16.0	0.2	1.7	1.9	0.1			5.1	201	7
26/02/24 00:00	4	12.0	0.1	1.4	1.6	0.2			4.6	201	8
26/02/24 01:00	3	14.0	0.1	0.6	0.7	0.4			4.6	203	7
26/02/24 02:00	7	14.0							4.1	199	9
26/02/24 03:00	5	9.0	0.1	0.4	0.5	0.3			3.2	190	11
26/02/24 04:00	7	7.0	0.6	2.9	3.5	0.3			3.9	236	8
26/02/24 05:00	5	9.0	0.3	2.0	2.3	0.4			4.6	223	8
26/02/24 06:00	7	13.0	20.9	5.8	26.7	0.5			4.8	200	9
26/02/24 07:00	12	24.0	46.5	11.6	58.1	1.5			4.5	191	11
26/02/24 08:00	10	25.0	17.9	5.1	23.0	1.3			4.2	189	12
26/02/24 09:00	12	23.0	2.9	2.4	5.2	1.0			3.1	168	23
26/02/24 10:00	6	24.0	22.4	8.0	30.4	0.9			2.9	175	21
26/02/24 11:00	8	23.0	27.4	12.4	39.8	0.9			3.4	188	15
26/02/24 12:00	9	26.0	43.1	14.9	58.0	1.7			3.9	196	12
26/02/24 13:00	13	34.0	73.3	21.1	94.4	3.2			4.3	198	10
26/02/24 14:00	27	56.0	81.8	22.0	103.8	5.6			4.6	198	12
26/02/24 15:00	36	59.0	138.1	22.0	160.1	10.3			5.0	200	12
26/02/24 16:00	31	45.0	137.0	19.7	156.7	13.4			5.0	195	10
26/02/24 17:00	12	29.0	60.2	13.2	73.4	3.0			5.7	193	8
26/02/24 18:00	16	39.0	30.5	11.9	42.3	1.2			4.2	188	13
26/02/24 19:00	12	34.0	24.8	7.2	32.0	0.8			3.3	173	20
26/02/24 20:00	10	26.0	0.1	1.0	1.1	0.4			3.6	142	19
26/02/24 21:00	5	25.0	0.1	1.0	1.1	0.2			4.0	132	15
26/02/24 22:00	3	25.0	0.2	0.9	1.1	0.0			3.5	134	17
26/02/24 23:00	4	19.0	0.0	0.9	0.9	0.2			3.7	139	16
27/02/24 00:00	4	25.0	0.0	0.9	0.8	0.3			3.4	143	19
27/02/24 01:00	7	25.0	0.0	1.5	1.5	0.2			2.9	140	18
27/02/24 02:00	8	26.0							2.9	144	18
27/02/24 03:00	6	24.0	-0.1	2.0	2.0	0.5			2.7	148	22
27/02/24 04:00	8	24.0	0.1	1.7	1.8	0.4			2.3	127	16
27/02/24 05:00	7	23.0	0.3	3.1	3.4	0.6			1.9	125	19
27/02/24 06:00	7	23.0	3.5	6.3	9.9	0.7			1.5	81	15

Station Pier Ambient Air Quality Monitoring
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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 (°)
27/02/24 07:00	14	54.0	54.7	19.8	74.6	1.3			1.1	333	20
27/02/24 08:00	16	42.0	42.1	16.0	58.1	1.6			1.2	315	27
27/02/24 09:00	14	32.0	12.7	10.6	23.4	1.2			1.3	337	32
27/02/24 10:00	10	30.0	11.3	9.8	21.1	1.3			0.5	311	42
27/02/24 11:00	10	36.0	15.8	13.6	29.4	1.4			0.9	191	31
27/02/24 12:00	11	36.0	17.1	14.7	31.8	1.1			1.6	157	26
27/02/24 13:00	17	33.0	10.4	13.3	23.7	1.0			2.5	181	18
27/02/24 14:00	17	35.0	8.9	14.3	23.2	0.8			2.7	185	17
27/02/24 15:00	11	37.0	4.7	11.6	16.3	0.6			2.4	192	16
27/02/24 16:00	14	35.0	3.3	13.5	16.8	0.6			2.7	201	13
27/02/24 17:00	12	38.0	4.8	15.4	20.2	0.8			2.2	206	12
27/02/24 18:00	11	39.0	1.0	7.8	8.9	0.5			2.7	206	8
27/02/24 19:00	12	34.0	0.3	4.1	4.4	0.5			2.7	226	9
27/02/24 20:00	16	38.0	0.5	22.0	22.5	0.7			1.2	277	17
27/02/24 21:00	14	42.0	0.5	23.0	23.5	1.0			1.5	295	14
27/02/24 22:00	21	54.0	1.1	31.8	32.9	0.9			1.4	305	12
27/02/24 23:00	24	59.0	2.2	36.7	39.0	1.0			0.8	341	13
28/02/24 00:00	27	78.0	22.5	40.8	63.3	1.4			1.3	9	9
28/02/24 01:00	22	67.0	16.8	38.5	55.3	1.3			0.6	46	12
28/02/24 02:00	22	47.0							1.1	54	9
28/02/24 03:00	22	38.0	1.4	28.0	29.5	0.9			0.8	53	17
28/02/24 04:00	15	25.0	0.6	15.0	15.6	0.8			1.1	63	9
28/02/24 05:00	14	24.0	1.1	15.4	16.5	0.7			1.2	41	11
28/02/24 06:00	11	25.0	8.0	24.2	32.2	0.6			1.2	58	10
28/02/24 07:00	16	30.0	36.4	26.0	62.5	0.8			1.0	60	20
28/02/24 08:00	12	39.0	19.1	23.2	42.3	0.9			1.8	39	27
28/02/24 09:00	13	73.0	20.1	26.0	46.1	0.9			3.3	23	17
28/02/24 10:00	13	70.0	6.2	16.1	22.3	0.6			3.4	9	21
28/02/24 11:00	12	60.0	5.6	18.7	24.3	0.6			2.3	2	28
28/02/24 12:00	10	56.0	2.1	14.1	16.2	0.6			2.9	11	19
28/02/24 13:00	16	58.0	3.5	27.4	30.9	0.6			1.3	355	29
28/02/24 14:00	14	66.0	4.2	23.4	27.6	0.6			3.5	29	18
28/02/24 15:00	13	51.0	2.7	14.6	17.3	0.5			3.3	34	17
28/02/24 16:00	10	52.0	1.9	9.5	11.4	0.6			4.3	22	20
28/02/24 17:00	11	60.0	0.9	5.8	6.8	0.4			5.0	19	18
28/02/24 18:00	10	67.0	0.6	5.7	6.4	0.5			4.9	12	23
28/02/24 19:00	15	44.0	0.6	8.7	9.3	0.3			3.4	359	28
28/02/24 20:00	14	44.0	0.2	11.8	12.0	0.1			3.4	351	29
28/02/24 21:00	18	68.0	0.2	9.9	10.1	0.3			4.5	243	14
28/02/24 22:00	13	46.0	0.1	1.4	1.4	0.0			2.9	196	11
28/02/24 23:00	12	47.0	0.2	2.6	2.7	0.0			2.7	192	13
29/02/24 00:00	12	41.0	0.2	0.6	0.8	0.0			1.2	143	22
29/02/24 01:00	19	82.0	0.0	1.1	1.1				1.1	108	12
29/02/24 02:00	14	46.0							0.7	195	25
29/02/24 03:00	9	27.0	0.6	4.2	4.9	0.1			3.9	230	7

Station Pier Ambient Air Quality Monitoring
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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 (°)
29/02/24 04:00	11	22.0	0.1	0.8	0.9	0.1			5.3	229	4
29/02/24 05:00	17	24.0	3.7	12.0	15.7	0.2			4.3	247	7
29/02/24 06:00	12	25.0	2.3	11.1	13.5	0.6			4.9	259	9
29/02/24 07:00	16	23.0	2.9	9.9	12.8	0.6			3.8	247	8
29/02/24 08:00	16	25.0	0.8	4.3	5.0	0.5			3.9	243	12
29/02/24 09:00	13	21.0	1.7	6.3	8.0	0.4			4.9	256	8
29/02/24 10:00	11	20.0	1.3	4.2	5.5	0.4			4.2	240	9
29/02/24 11:00	7	14.0	2.2	5.3	7.5	0.4			3.3	252	9
29/02/24 12:00	6	13.0	1.6	2.3	3.9	0.7			1.4	149	19
29/02/24 13:00	6	12.0	0.3	1.2	1.5	0.4			1.9	144	21
29/02/24 14:00	7	14.0	0.4	1.4	1.8	0.4			2.2	171	20
29/02/24 15:00	13	23.0	0.4	1.4	1.8	0.2			3.2	175	20
29/02/24 16:00	10	27.0	0.4	1.6	1.9	0.3			2.8	178	19
29/02/24 17:00	7	28.0	0.2	1.0	1.2	0.3			2.9	185	15
29/02/24 18:00	6	20.0	0.3	1.2	1.5	0.1			3.4	187	14
29/02/24 19:00	7	20.0	0.2	1.7	1.9	0.1			4.1	187	12
29/02/24 20:00	10	25.0	0.0	1.5	1.6	0.0			3.0	162	21
29/02/24 21:00	9	19.0	0.1	2.6	2.7	0.2			2.8	125	14
29/02/24 22:00	6	13.0	0.0	2.5	2.5	0.0			2.7	127	17
29/02/24 23:00	6	13.0	0.0	2.8	2.8	0.0			2.0	125	18
01/03/24 00:00	7	15.0	0.1	6.8	6.9	0.0			1.8	114	15

Station Pier Ambient Air Quality Monitoring
February 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 (°)
2/1/2024	8	25	5.8	4.4	10.2	0.7			4.1	229	11
2/2/2024	10		11.6	6.6	18.2	0.9			3.8	220	10
2/3/2024	12		14.3	12.2	26.5	1.2			1.0	174	18
2/4/2024	9		2.9	7.8	10.8	0.3			0.8	315	19
2/5/2024	6		3.0	3.6	6.5	0.3			4.1	197	12
2/6/2024	6		4.9	2.9	7.8	0.4			3.8	183	15
2/7/2024	5		1.6	2.8	4.4	0.1			3.0	167	13
2/8/2024	8	22	11.0	4.8	15.8	2.0			3.3	172	13
2/9/2024	6	15	3.3	2.6	6.0	0.3			4.3	192	11
2/10/2024	13	33	6.5	6.1	12.6	0.6			2.2	170	13
2/11/2024	7	23	4.3	7.2	11.5	0.8			1.2	319	21
2/12/2024	12	32	9.1	13.1	22.2	0.8			1.2	259	19
2/13/2024											
2/14/2024											
2/15/2024											
2/16/2024	9	22	5.5	5.5	11.1	0.5			2.4	167	15
2/17/2024	10	17	4.4	5.9	10.4	1.1			1.8	162	15
2/18/2024	5	10	4.8	3.3	8.1	0.6			2.3	159	13
2/19/2024	5	12	0.3	0.9	1.2	0.3			3.4	182	15
2/20/2024	11	25	10.1	9.9	20.0	1.0			2.4	215	13
2/21/2024	8	24	1.7	10.5	12.2	0.5			1.9	13	23
2/22/2024	8	43	1.3	6.7	8.0	0.4			1.4	13	19
2/23/2024	11	27	24.5	8.3	32.8	1.8			6.0	221	9
2/24/2024	12	35	11.8	5.7	17.5	2.4			3.8	191	12
2/25/2024	15	32	7.5	8.5	16.0	0.5			1.0	212	19
2/26/2024	11	26	31.0	8.1	39.1	2.1			3.7	186	13
2/27/2024	13	37	9.5	14.5	24.0	0.9			0.9	185	19
2/28/2024	14	50	5.8	15.9	21.7	0.6			1.6	18	18
2/29/2024	10	24	0.8	3.8	4.6	0.3			2.2	207	14

Valid Data Exception Table

February 2024

GHD Station Pier

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/02/24 00:00	01/03/24 00:00	Instrument fault - unrealistic reading	AT, RH	JL	08/03/24
01/02/24 01:00	29/02/24 01:55	Automatic calibration checks occurring every night between 01:00 and 01:55	NO, NO ₂ , NO _x , SO ₂	JL	08/03/24
01/02/24 07:40	26/02/24 15:20	Intermittent instrument fault - unrealistic readings	NO, NO _x , NO ₂	JL	08/03/24
01/02/24 23:00	07/02/24 06:00	Instrument fault - instrument stalled	PM ₁₀	JL	08/03/24
01/02/24 23:45	29/02/24 23:50	Internal reference checks occurring every night between approximately 23:45 and 23:50 followed by intermittent instrument stabilisations	SO ₂	JL	08/03/24
04/02/24 18:50	04/02/24 18:55	Data transmission error	NO, NO _x , NO ₂	JL	08/03/24
04/02/24 23:55	28/02/24 23:40	Static offsets between -0.5 ppb and +0.5 ppb applied intermittently as required to correct baseline	SO ₂	JL	08/03/24
07/02/24 07:00	07/02/24 14:00	Scheduled monthly maintenance - instrument calibration and stabilisation	All parameters	JL	08/03/24
13/02/24 10:00	15/02/24 11:00	Power interruption and instrument stabilisation	All parameters	JL	08/03/24
15/02/24 11:05	15/02/24 11:05	Non scheduled maintenance - power restore and instrument stabilisation	All parameters	JL	08/03/24

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



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→ **The Power of Commitment**