



Station Pier Air Quality Monitoring Program

**Air Quality Monitoring Report – April
2024**

Ports Victoria

21 June 2024

→ **The Power of Commitment**



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Contents

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

Table index

Table 1	Scope of air quality monitoring program (AQMP)	4
Table 2	APACs relevant to the monitoring plan	5
Table A.1	APACs relevant to the monitoring plan	14
Table B.1	Summary of monitoring equipment and pollutants measured	16
Table B.2	AQMS data availability and quality	17
Table B.3	Comparison between 24-hour average PM ₁₀ Station Pier observations and local EPA station observations	31
Table B.4	Comparison between 24-hour average PM _{2.5} Station Pier observations and local EPA station observations	32
Table B.5	Vessels present at Station Pier during April 2024	36
Table C.1	Monthly PM ₁₀ concentrations (µg/m ³)	40
Table C.2	Monthly PM _{2.5} concentrations (µg/m ³)	42
Table C.3	Monthly NO ₂ concentrations (ppb ³)	44

Figure index

Figure 1	Air quality monitoring program location	3
Figure 2	24-hour average PM ₁₀ concentrations (µg/m ³) at Station Pier and local EPA stations (April 2024) (criteria: 50 µg/m ³)	6
Figure 3	24-hour average PM _{2.5} concentrations (µg/m ³) at Station Pier and local EPA stations (April 2024) (criteria: 25 µg/m ³)	7
Figure 4	Hourly average NO ₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 80 ppb)	8

Figure 5	Hourly average SO ₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 75 ppb)	9
Figure 6	24-hour average SO ₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 20 ppb)	10
Figure A.1	Table 2.2 from the ERS No. S245 Gazette 26 May 2021, as amended by ERS No S158 Gazette 29 March 2022	13
Figure B.1	Photograph of AQMS	16
Figure B.2	April 2024 windrose at Station Pier	19
Figure B.3	April 2024 temperature observations at Station Pier	20
Figure B.4	April 2024 relative humidity observations at Station Pier	20
Figure B.5	April 2024 sigma observations at Station Pier	21
Figure B.6	24-hour average PM ₁₀ concentrations (µg/m ³) at Station Pier (April 2024) (criteria: 50 µg/m ³)	22
Figure B.7	Hourly average PM ₁₀ concentration (µg/m ³) by wind direction (April 2024)	22
Figure B.8	Hourly average PM ₁₀ concentration (µg/m ³) pollution roses (April 2024)	23
Figure B.9	24-hour average PM _{2.5} concentrations (µg/m ³) at Station Pier (April 2024) (criteria: 25 µg/m ³)	24
Figure B.10	Hourly average PM _{2.5} concentration (µg/m ³) by wind direction (April 2024)	24
Figure B.11	Hourly average PM _{2.5} concentration (µg/m ³) pollution roses (April 2024)	25
Figure B.14	Hourly average NO ₂ concentration (ppb) pollution roses (April 2024)	27
Figure B.15	Hourly average SO ₂ concentrations (ppb) at Station Pier (April 2024) (criteria: 75 ppb)	28
Figure B.16	Hourly average SO ₂ concentration (ppb) by wind direction (April 2024)	28
Figure B.17	Hourly average SO ₂ concentration (ppb) pollution roses (April 2024)	29
Figure B.19	24-hour average PM ₁₀ concentrations (µg/m ³) at Station Pier and local EPA stations (April 2024) (criteria: 50 µg/m ³)	31
Figure B.20	24-hour average PM _{2.5} concentrations (µg/m ³) at Station Pier and local EPA stations (April 2024) (criteria: 25 µg/m ³)	32
Figure B.21	Hourly average NO ₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 80 ppb)	33
Figure B.22	Hourly average SO ₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 75 ppb)	34
Figure B.23	24-hour average SO ₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 20 ppb)	35
Figure B.24	Number of vessels present compared against maximum concentration observations	36
Figure C.1	24-hour average PM ₁₀ concentrations (µg/m ³) at Station Pier and local EPA stations (December 2023 - April 2024) (criteria: 50 µg/m ³)	39
Figure C.2	Hourly average PM ₁₀ concentration (µg/m ³) by wind direction (December 2023 - April 2024)	40
Figure C.3	24-hour average PM _{2.5} concentrations (µg/m ³) at Station Pier and local EPA stations (December 2023 - April 2024) (criteria: 25 µg/m ³)	41
Figure C.4	Hourly average PM _{2.5} concentration (µg/m ³) by wind direction (December 2023 - April 2024)	42
Figure C.5	Hourly average NO ₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - April 2024) (criteria: 80 ppb)	43
Figure C.6	Hourly average NO ₂ concentration (µg/m ³) by wind direction (December 2023 - April 2024)	44
Figure C.7	Hourly average SO ₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - April 2024) (criteria: 75 ppb)	45

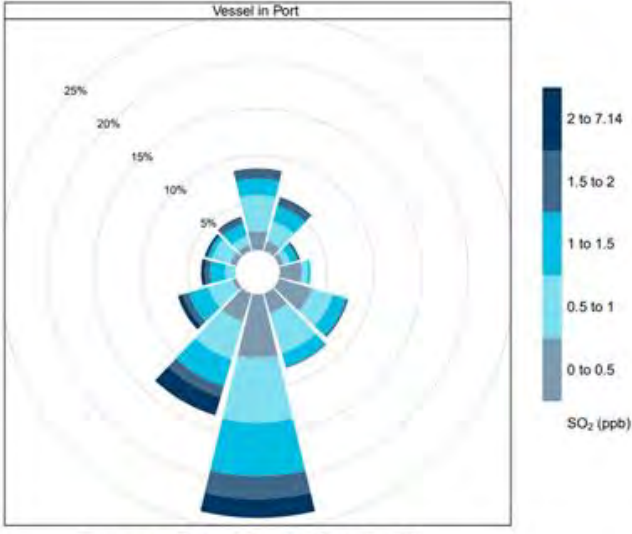
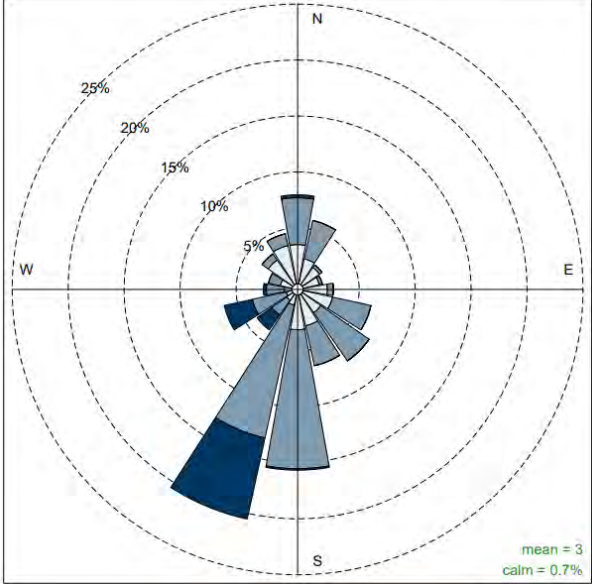
Figure C.8	Hourly average SO ₂ concentration (µg/m ³) by wind direction (December 2023 - April 2024)	46
Figure C.9	24-hour average SO ₂ concentrations (µg/m ³) at Station Pier and local EPA stations (December 2023 - April 2024) (criteria: 20 µg/m ³)	46

Appendices

Appendix A	Legislative context
Appendix B	Data analysis – April 2024
Appendix C	Data analysis – long term
Appendix D	April 2024 NATA accredited data

Glossary of terms

Term	Description
ACOEM	Acoem Australasia (EcoTech) Pty Ltd
APACs	Air Pollution Assessment Criteria
API	Application Programming Interface
AQMP	Air Quality Monitoring Program
AQMS	Air Quality Monitoring Station
AWS	Automatic Weather Station
BAM	Beta Attenuation Monitoring
BoM	Bureau of Meteorology
Calm	Wind speeds below 0.5 m/s.
Correlation	Correlation measures the linear relation between two variables. A strong positive correlation (close to 1) indicates that when one variable increases, the other also increases. A strong negative correlation (close to -1) indicates that when one variable increases, the other decreases.
EP Act	Environment Protection Amendment Act 2018
EPA Victoria	Environment Protection Authority
EPA Stations	EPA Victoria air quality monitoring stations
ERS	Environment Reference Standard
GED	General Environmental Duty
GHD	GHD Pty Ltd
NATA	National Association of Testing Authorities
NEPM AAQ	National Environment Protection Measure (Ambient Air Quality)
NO ₂	Nitrogen dioxide
OHS	Occupational Health and Safety
PM ₁₀	Particulate matter with diameter less than 10 micrometres (10 µm).
PM _{2.5}	Particulate matter with diameter less than 2.5 micrometres (2.5 µm).
Ports Victoria	Ports Melbourne Victoria
Pollution rose	A pollution rose illustrates the frequency of occurrence of various pollutant concentrations in each wind direction for a given month. The length of 'petal' in a direction corresponds to the frequency of occurrence of a pollutant when wind is blowing from that direction. The colour within each 'petal' corresponds to the level of concentration of the measured pollutant. For example, in the pollution rose below, winds from the South occur for approximately 23% of the time. Of that 23%, 7% of the pollutant concentrations are between 0 to 0.5 ppb, 7% of the pollutant concentrations are between 0.5 to 1 ppb and so on. This is indicated by the length of the shading

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

1. Introduction

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

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

This air quality monitoring monthly report presents the analysis of monthly data collected by the Air Quality Monitoring Station (AQMS) located at Station Pier, 6 Waterfront Place, Port Melbourne Victoria, between 01 and 30 April 2024. The validated monitoring data (presented in Appendix D) was provided by ACOEM.

The location of the project is shown in Figure 1.



Figure 1 Air quality monitoring program location

1.1 Scope of work

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

Table 1 Scope of air quality monitoring program (AQMP)

Scope item no.	Scope of work	Description	Report section
1	Monitoring overview	An overview of the air quality monitoring monthly report.	Section 2
2	Legislative Context	Environmental values, air indicators and objectives that set the benchmark for the quality of the air environment needed to protect environmental values in Victoria.	Section 2.1 and Appendix A
3	Data analysis	Summary of monitoring findings for the month: - Direct comparison of measurement data to the assessment criteria summarised in Section 2.1. - Assessment of regional air quality data in comparison to measurements undertaken at Station Pier.	Section 3
4	Data analysis – April 2024	Additional information: - Summary of monitoring equipment in the AQMS and the parameters and pollutants measured. - Review of data during the period. - Data availability and quality during the period. - Detailed analysis of data for the period between 1 April 2024 to 30 April 2024. - Other impacts to air quality in the region.	Appendix B
5	Data analysis – Long term	Detailed analysis of data for the entire monitoring period, between 4 December 2024 and 30 April 2024.	Appendix C
6	NATA accredited data	Validated data provided by ACOEM.	Appendix D

1.2 Limitations

This report: has been prepared by GHD for Ports Victoria and may only be used and relied on by Ports Victoria for the purpose agreed between GHD and Ports Victoria as set out in section 1.1 of this report.

GHD otherwise disclaims responsibility to any person other than Ports Victoria arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report (refer section(s) 1.3 of this report). GHD disclaims liability arising from any of the assumptions being incorrect.

1.3 Assumptions

The content of this report is subject to the following assumptions:

- Data provided by ACOEM has been validated and is NATA accredited.
- Data provided by the EPA is as uploaded via the EPA developer portal API.

2. Monitoring overview

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. Further detail on the monitoring methodology for each parameter is provided in Appendix B-1-1.

The monitoring period for this report is 1 April 2024 to 30 April 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 Victoria air quality monitoring stations (EPA Stations) and the adopted Air Pollution Assessment Criteria (APACs) from the EPA Publication 1961. Vessel presence at the port has also been considered.

2.1 Air Pollution Assessment Criteria

The Air Pollution Assessment Criteria (APACs) are introduced in EPA Publication 1961 - *Guideline for assessing and minimising air pollution in Victoria* as concentrations of pollutants in air that provide a benchmark to understand potential risks to human health or the environment. They are risk-based concentrations that can help identify when or if an activity is likely to pose an unacceptable risk to the receiving environment. They are not concentrations which one can 'pollute up to' and also not concentrations below which no action is required. The APACs for PM₁₀, PM_{2.5}, NO₂ and SO₂ are based on the Environment Reference Standard (ERS).

The APACs relevant to the Station Pier air quality monitoring program are outlined in Table 2. Concentrations of each pollutant recorded by the Station Pier AQMS have been compared against these criteria to identify risk to the receiving environment.

Further detail on the legislative context is provided in Appendix A.

Table 2 APACs relevant to the monitoring plan

Substance	Assessment criteria	Averaging time	Classification 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

3. Data analysis

This section presents a summary of the air quality monitoring data collected at Station Pier and analysis against the nearby EPA Stations and the adopted criteria. Detailed data review and analysis is provided in Appendix B. Review of meteorological data collected at Station Pier is also provided in Appendix B-3.

3.1 PM₁₀

The 24-hour average PM₁₀ concentrations observed at the Station Pier AQMS are presented in Figure 2 alongside observations from the local EPA Stations and the adopted criterion.

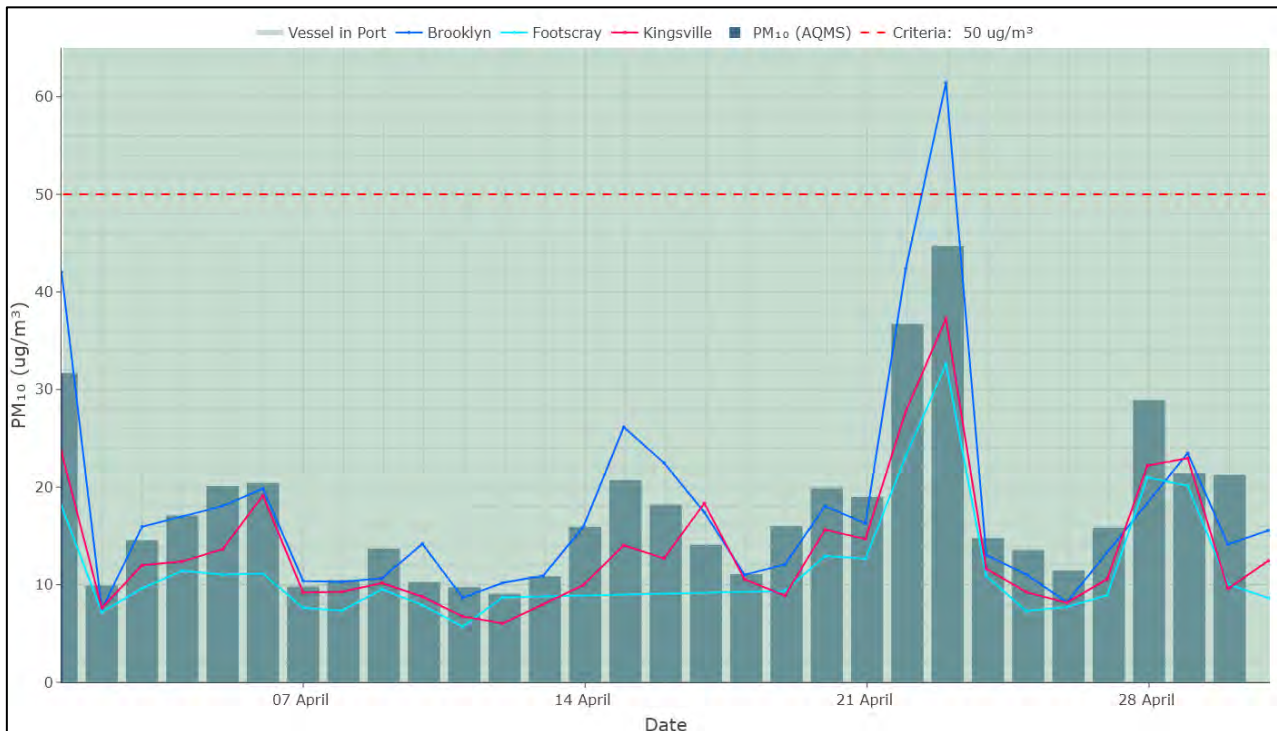


Figure 2 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (April 2024) (criteria: 50 µg/m³)

All concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 44.7 µg/m³, which is 10.6% below the criterion.

On 1, 22, 23 and 28 April, 24-hour average PM₁₀ concentrations were measured to be comparatively higher than other days at Station Pier. Elevated PM₁₀ concentrations were also observed during these days at EPA Stations located at Brooklyn, Kingsville and Footscray. The higher levels of PM₁₀ observed at both Station Pier AQMS and EPA Stations indicate that there was likely a regional emission source(s) contributing to elevated levels, rather than a localised source.

3.2 PM_{2.5}

The 24-hour average PM_{2.5} concentrations observed at the Station Pier AQMS are presented in Figure 3 alongside observations from the local EPA stations and the adopted criterion.

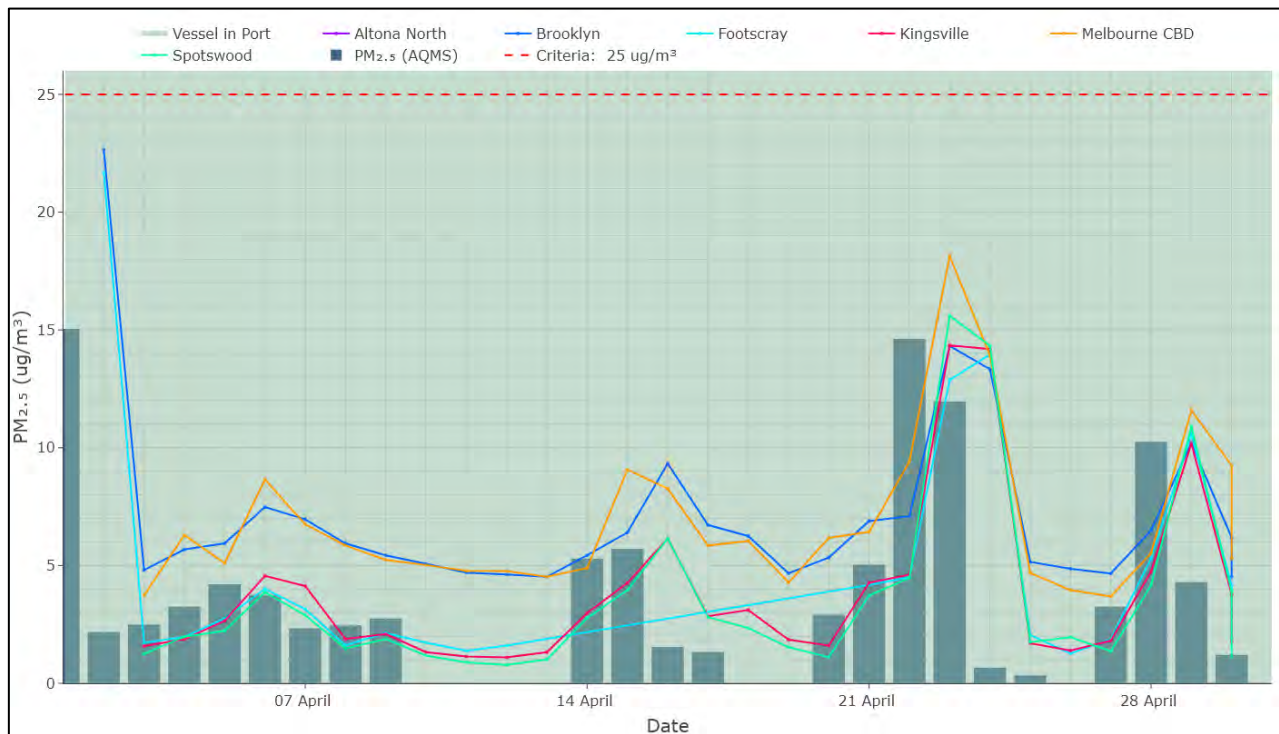


Figure 3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (April 2024) (criteria: 25 µg/m³)

All concentrations were below the adopted criterion, with the maximum 24-hour average concentration of 15 µg/m³, which was 40% below the criterion, observed on 1 April.

On 1, 22, 23 and 28 April, 24-hour average PM_{2.5} concentrations were measured to be comparatively higher than other days at Station Pier. Elevated PM_{2.5} concentrations were also observed on 1, 22, 23 and 29 April at EPA Stations Melbourne CBD, Brooklyn, Kingsville and Spotswood stations. The higher levels of PM_{2.5} observed at both Station Pier AQMS and EPA Stations indicate that there was likely a regional emission source(s) contributing to elevated levels rather than a localised source.

3.3 NO₂

The hourly average NO₂ concentrations observed at the Station Pier AQMS are presented in Figure 4 alongside observations from the local EPA Stations and the adopted criterion.

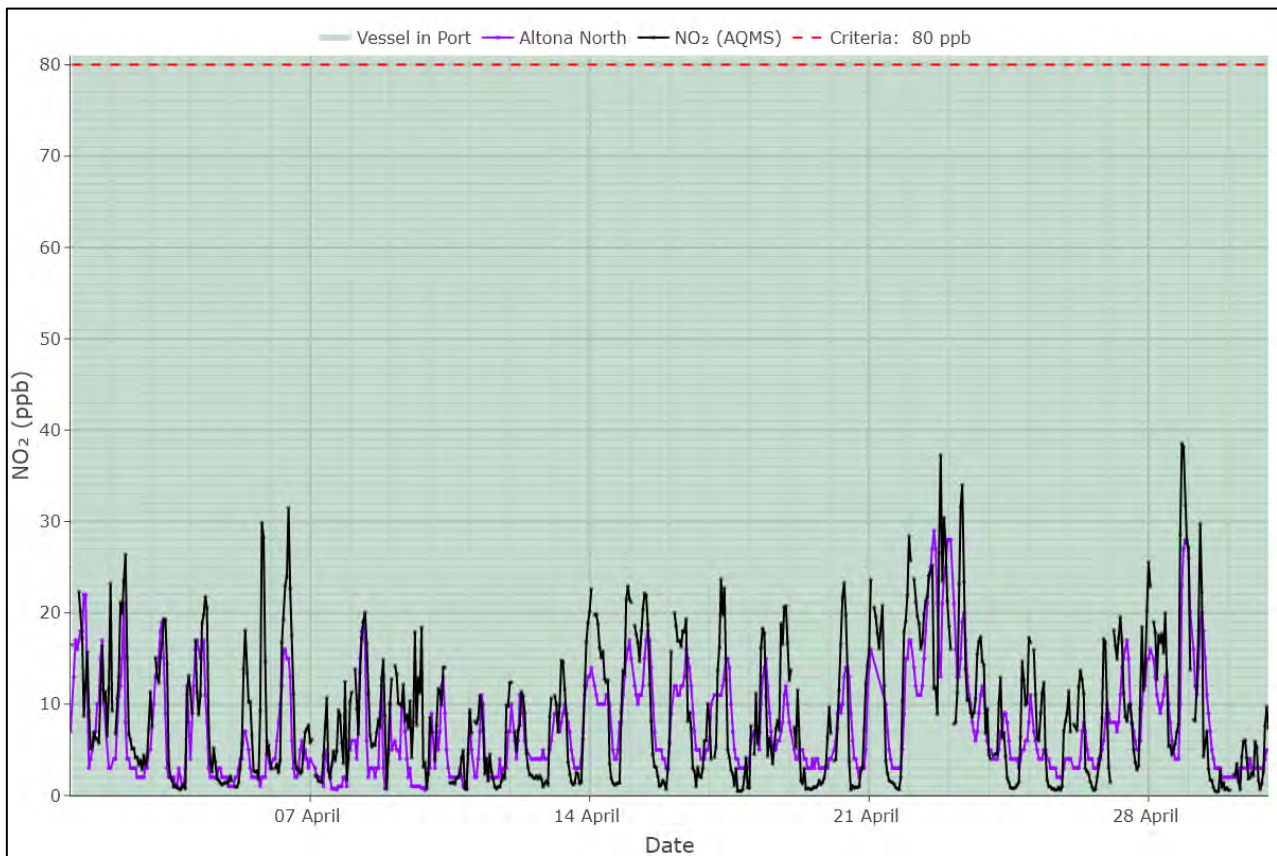


Figure 4 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 80 ppb)

All concentrations were below the adopted criterion. The maximum hourly average concentration recorded was 38.6 ppb, which is 52% below the criterion.

3.4 SO₂

The hourly average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure 5 alongside observations from the local EPA stations and the adopted criterion.

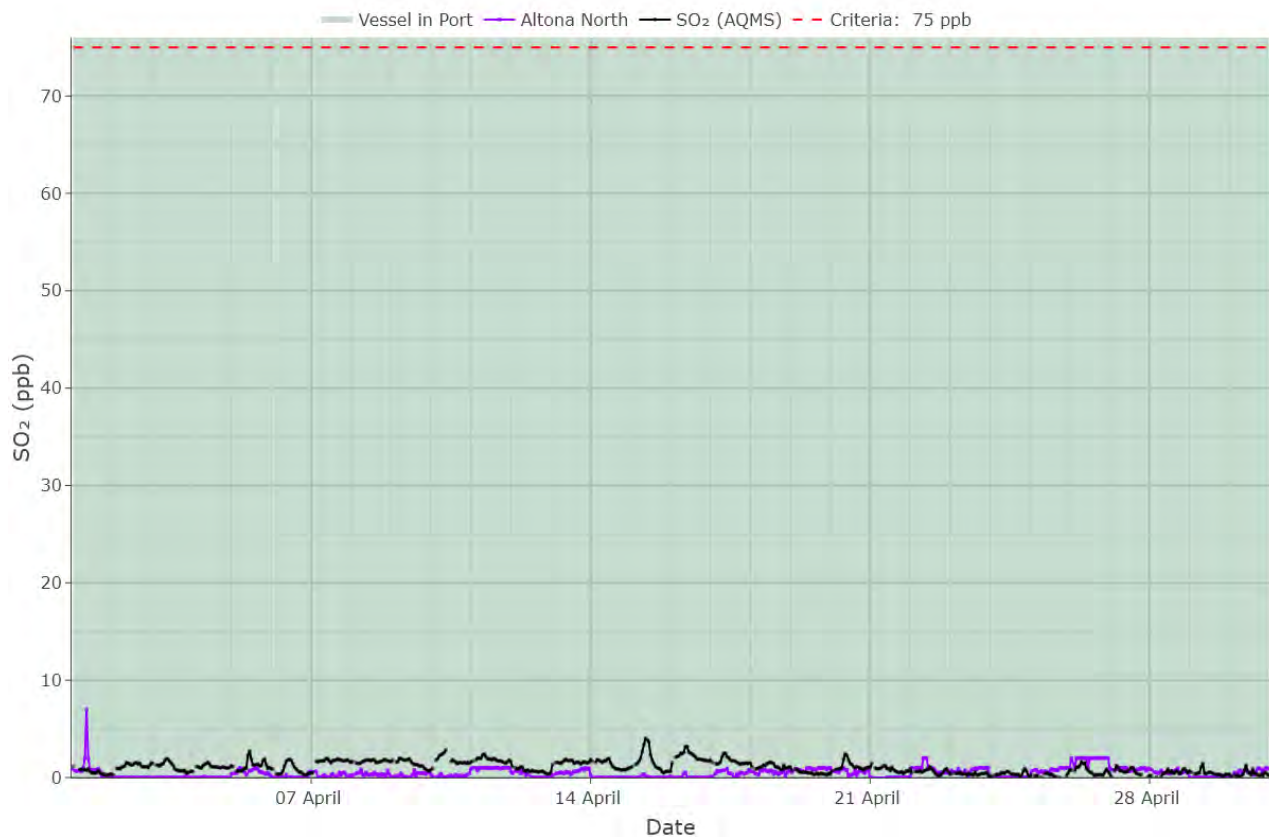


Figure 5 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 75 ppb)

All concentrations were below the adopted criterion. The maximum hourly average concentration recorded was 4 ppb, which is 95% below the criterion.

The 24-hour average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure 6 alongside observations from the local EPA stations and the adopted criterion.

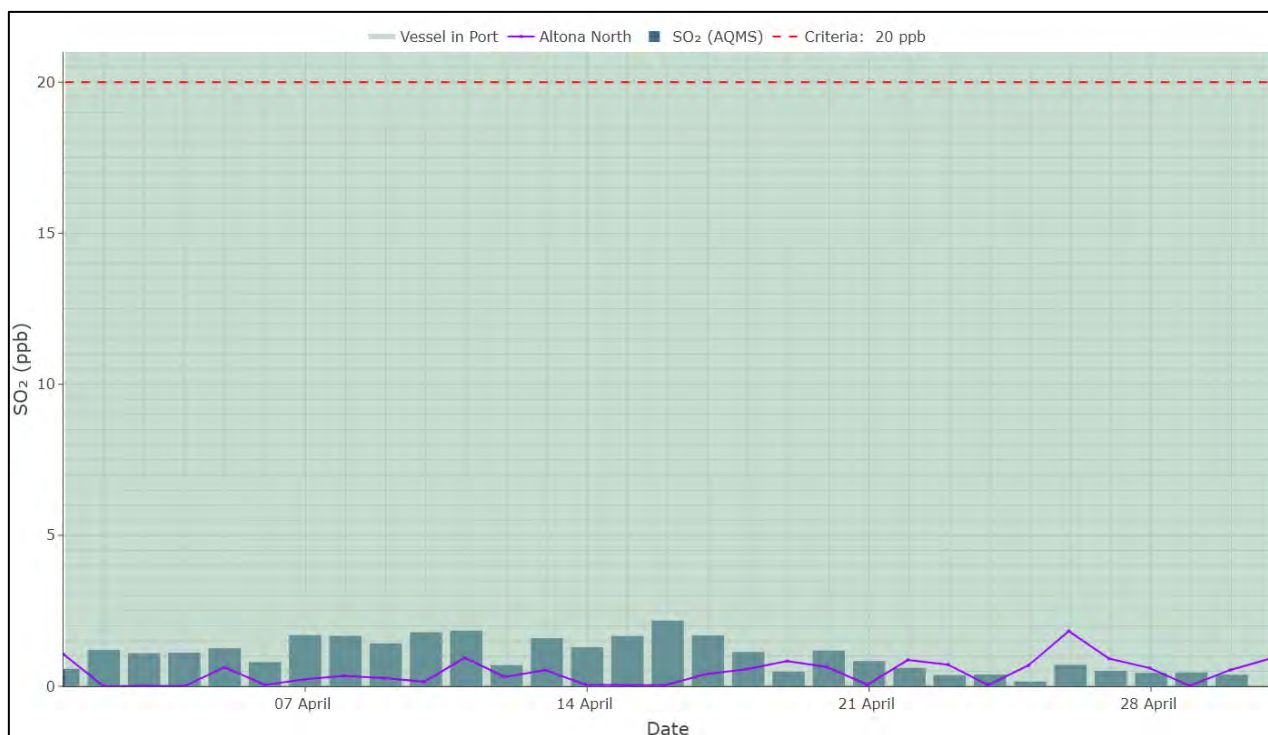


Figure 6 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 20 ppb)

All concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 2.2 ppb, which is 89% below the criterion.

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

All observations of PM₁₀, PM_{2.5}, NO₂ and SO₂ during the month of April 2024 were lower than the adopted short term criteria (1-hour and 24-hour), ranging from 10.6% (for maximum 24-hour average PM₁₀) to 95% (for maximum 1-hour average SO₂) below the relevant criteria.

During the days when particulate matter concentrations (PM₁₀ and PM_{2.5}) were measured to be higher than other days at Station Pier, elevated particulate concentrations were also observed at EPA Stations. The higher levels of particulate matter observed at Station Pier AQMS and EPA Stations indicate a regional emission source(s), rather than a localised source, contributing to elevated particulate matter levels occurring on same days across EPA stations and Station Pier AQMS.

Appendix A

Legislative context

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

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

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

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

A-2 Environment Reference Standard

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

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

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

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

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

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

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

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

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

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

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

A-3-1 Air Pollution Assessment Criteria

The Air Pollution Assessment Criteria (APACs) are introduced in the EPA Publication 1961 as concentrations of pollutants in air that provide a benchmark to understand potential risks to human health or the environment. They are risk-based concentrations that can help identify when or if an activity is likely to pose an unacceptable risk to the receiving environment. They are not concentrations which one can 'pollute up to' and also not concentrations below which no action is required. The APACs for PM₁₀, PM_{2.5}, NO₂ and SO₂ are based on the ERS.

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

Table A.1 APACs relevant to the monitoring plan

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

² Substances are classified as per Schedule 4 of the Environmental Protection Regulations 2021

Appendix B

Data analysis – April 2024

B-1 Methodology summary

B-1-1 Parameters measured

The AQMS was installed at Station Pier on 4 December 2023. Table B.1 summarises the equipment included in the AQMS and the pollutants measured. A photograph of the AQMS is provided in Figure B.1.

Table B.1 Summary of monitoring equipment and pollutants measured

Equipment and hardware supplied	Pollutant/parameter measured	Measurement method	Australian Standard	Location
Air Quality Monitoring System (AQMS)				
MetOne Spirant Beta Attenuation Monitoring	Particles as PM ₁₀	Beta Attenuation Monitoring (BAM) technology	AS 3580.9.12.2022	Station Pier. Refer to Figure 1 for location of AQMS.
MetOne Spirant BAM	Particles as PM _{2.5}	BAM technology	AS 3580.9.11.2022	
Ecotech Model Serinus® 40	Nitrogen dioxide (NO ₂)	Chemiluminescence technology	AS 3580.5.1.2011	
Ecotech Model Serinus® 50	Sulphur dioxide (SO ₂)	Pulse UV Fluorescent Radiation technology	AS 3580.4.1.2008	
Ultrasonic anemometer at 10 m	Wind speed, wind direction Sigma (Standard deviation of wind direction. Can be used to calculate atmospheric stability)	Ultrasonic sensor	AS 3580.14:2014	
Vaisala HMP155 at 2 m	Temperature, relative humidity	Warmed probe technology	AS 3580.14:2014	

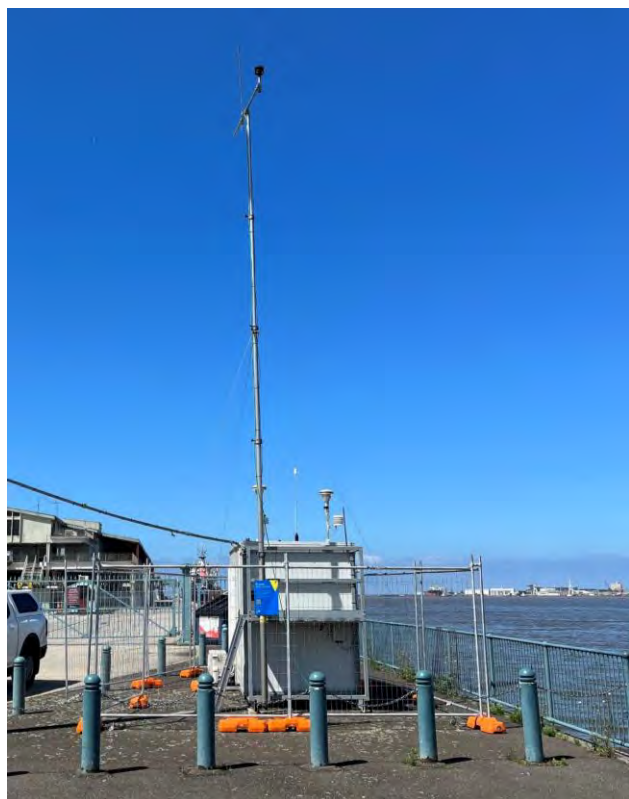


Figure B.1 Photograph of AQMS

B-1-2 Monitoring period

The monitoring period for this report is 1 April 2024 to 30 April 2024.

B-1-3 Data analysis

Data collected by the AQMS undergoes a NATA accreditation procedure undertaken by ACOEM to ensure all analysed data is valid. Any interruptions in monitoring or removed data are reported in Table B.2.

Observations of each parameter were processed into averaging periods defined by the relevant APACs. Processed data are presented in Section B-3 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 B-4 overlaid with vessel presence, observations at the local EPA Stations, 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 Stations 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.

B-2 Data information

Table B.2 summarises the availability and quality of the data measured by the AQMS between 1 April 2024 and 30 April 2024.

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

Table B.2 AQMS data availability and quality

Parameters	Units	Data availability (%) between 1 and 30 April 2024	Reason for missing data
PM ₁₀	µg/m ³	99%	– Data gap due to logger error (1 April 02:00 to 03:30) – Scheduled monthly maintenance tasks performed (10 April 09:00 to 10:45)
PM _{2.5}	µg/m ³	99%	– Data gap due to logger error (1 April 02:00 to 03:30) – Scheduled monthly maintenance tasks performed (10 April 09:00 to 10:45)
NO ₂	ppb	95%	– Automatic calibration checks every night between 01:00 and 01:55 – Data gap due to logger error (1 April 02:00 to 03:30) – Intermittent instrument fault – unrealistic readings (2 April 16:45 to 24 April 09:20) – Scheduled monthly maintenance tasks performed (10 April 09:00 to 10:45) – Additional background check performed (28 April 11:50 to 12:10)
SO ₂	ppb	95%	– Static offset of +1 ppb applied to correct SO₂ baseline (01 April 00:00 to 21 April 23:40) – Automatic calibration checks every night between 01:00 and 01:55 – Data gap due to logger error (1 April 02:00 to 03:30) – Automatic background checks every night between 00:45 and 00:50 (2 April 00:45 to 10 April 00:50). – Scheduled monthly maintenance tasks performed (10 April 09:00 to 10:45).

Parameters	Units	Data availability (%) between 1 and 30 April 2024	Reason for missing data
			- Automatic background checks every night between 23:45 and 23:50 (10 April 23:45 to 30 April 23:50). - Additional background check performed (28 April 11:50 to 12:10).
Wind speed	m/s	99%	- Data gap due to logger error (1 April 02:00 to 03:30) - Scheduled monthly maintenance tasks performed (10 April 09:00 to 10:45)
Wind direction	°	99%	- Data gap due to logger error (1 April 02:00 to 03:30) - Scheduled monthly maintenance tasks performed (10 April 09:00 to 10:45)
Ambient temperature	°C	99%	- Data gap due to logger error (1 April 02:00 to 03:30) - Scheduled monthly maintenance tasks performed (10 April 09:00 to 10:45)
Relative humidity	%	99%	- Data gap due to logger error (1 April 02:00 to 03:30) - Scheduled monthly maintenance tasks performed (10 April 09:00 to 10:45)
Sigma	°	99%	- Data gap due to logger error (1 April 02:00 to 03:30) - Scheduled monthly maintenance tasks performed (10 April 09:00 to 10:45)

B-3 Data review

B-3-1 Wind pattern

The effects of wind on dispersion patterns can be examined using the general wind climate and atmospheric stability class distributions. The general wind climate at a site is displayed by means of wind rose plots, giving the incidence of winds from different directions for various wind speed ranges. Figure B.2 shows the average wind rose for April 2024.

The average wind rose for the data period is shown in Figure B.2 and it shows the following features:

- The predominant monthly average wind direction is from the west-southwest comprising 14% of all incident winds, followed by winds from the south-southwest (11%).
- The average wind speed is at 3.0 m/s.
- Calms (wind speeds less than 0.5 m/s) occur 1.7% of the time.
- Winds from northeast, southeast and northwest quadrants occur less than 10% of the time for each direction.

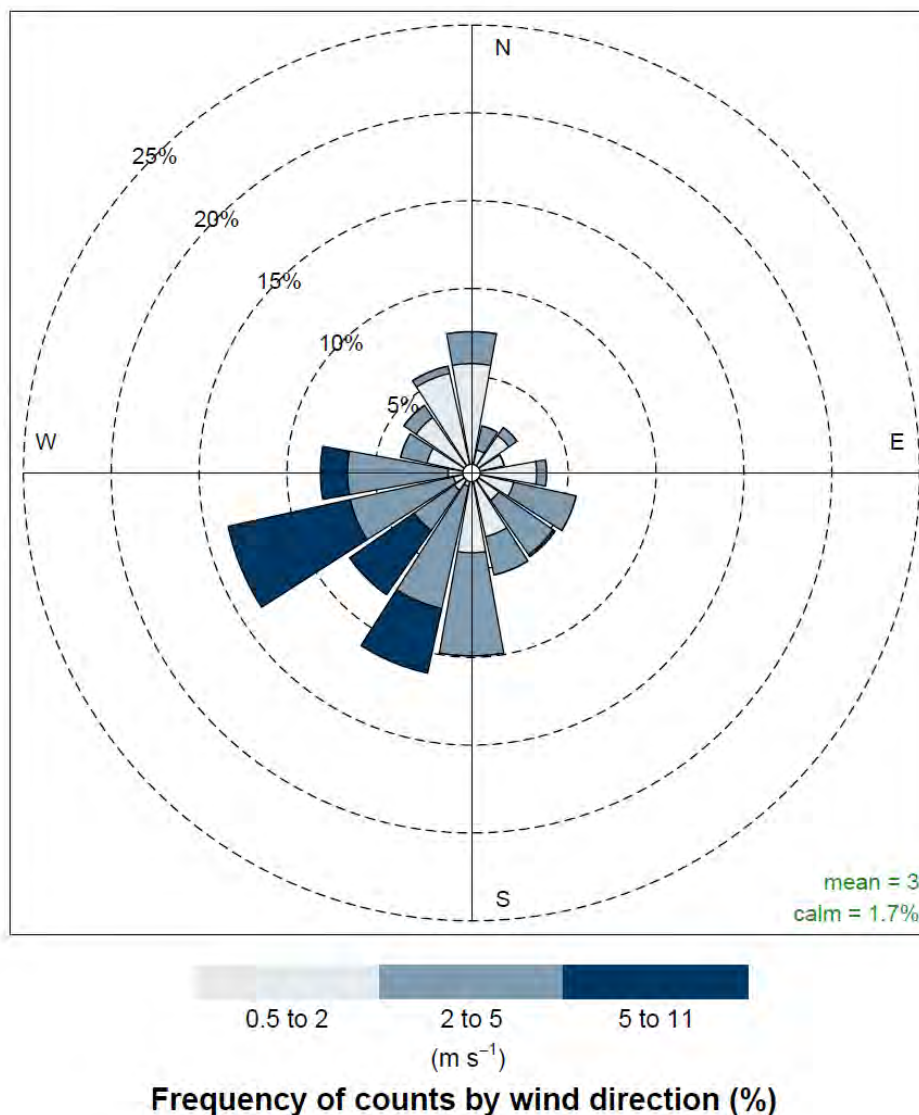


Figure B.2 April 2024 windrose at Station Pier

B-3-2 Other meteorological parameters

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

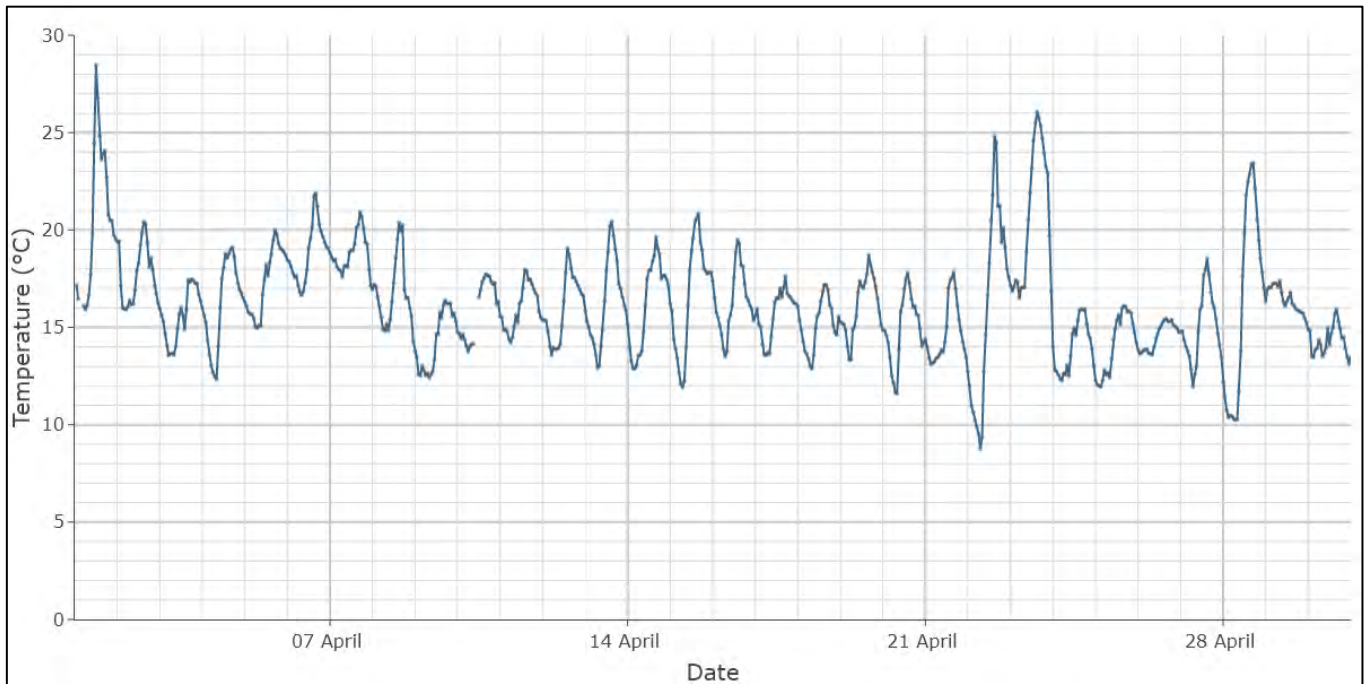


Figure B.3 April 2024 temperature observations at Station Pier

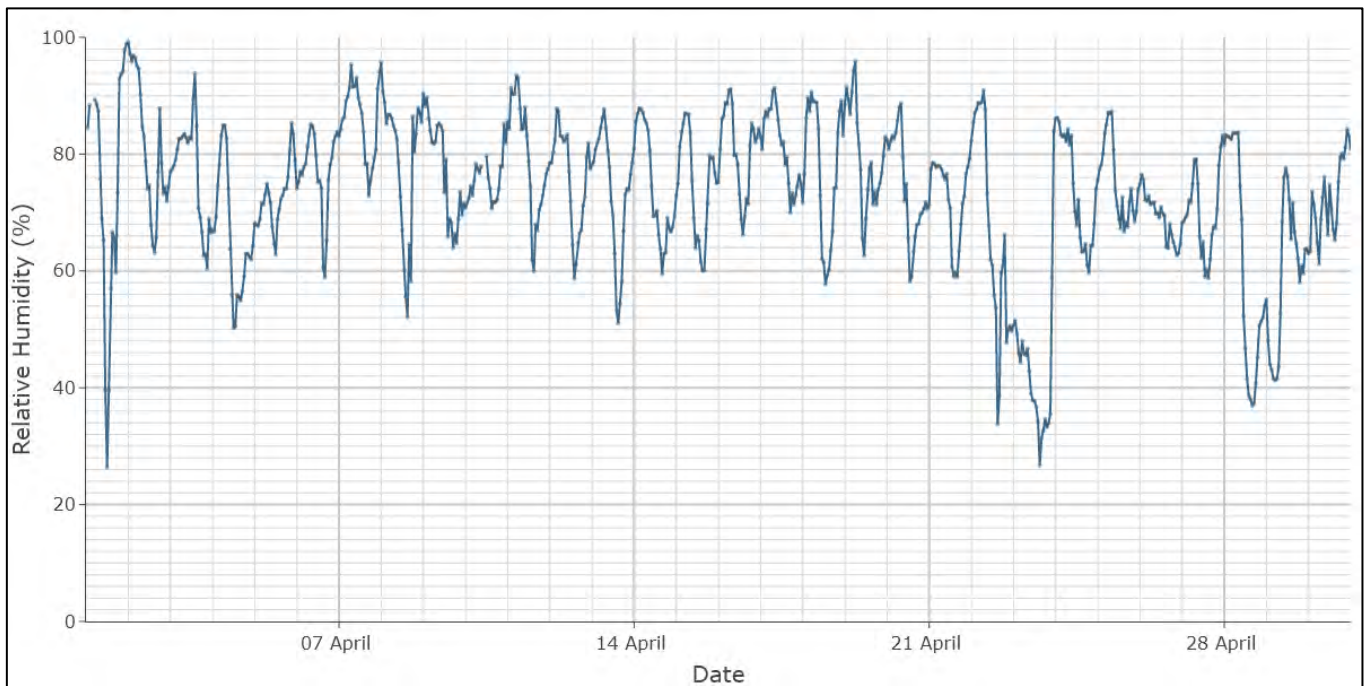


Figure B.4 April 2024 relative humidity observations at Station Pier

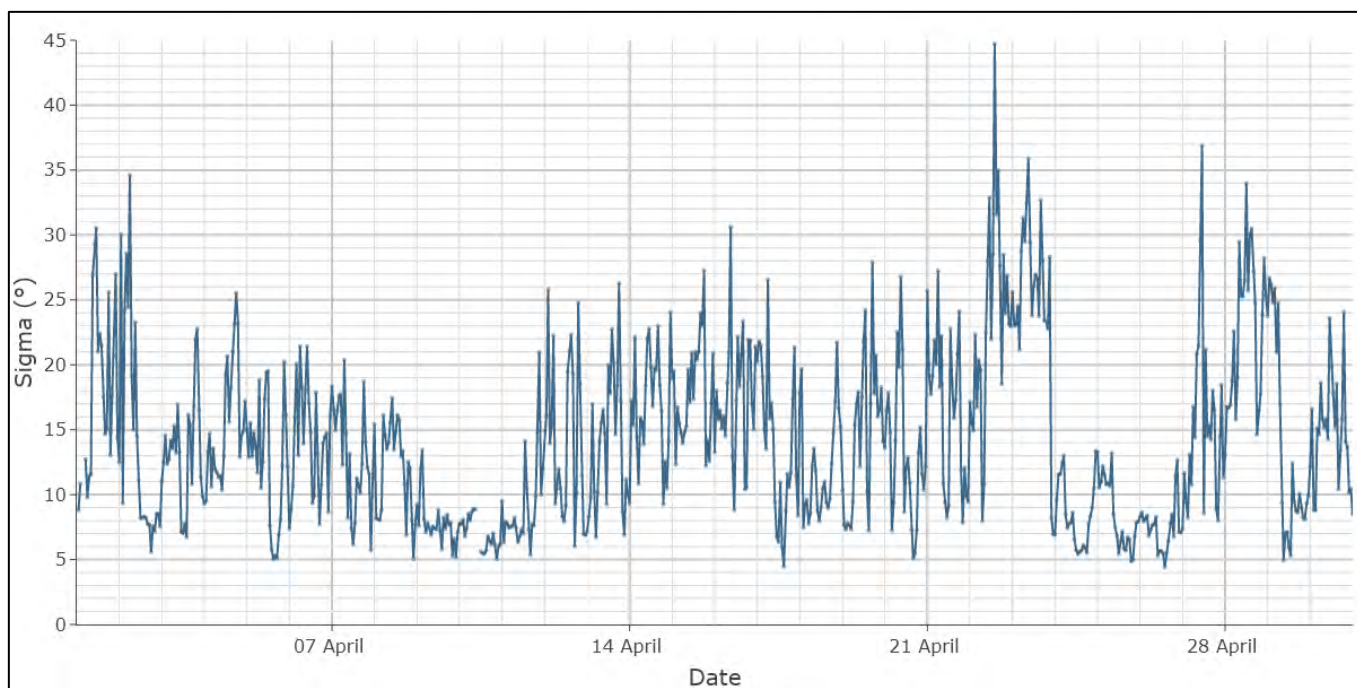


Figure B.5 April 2024 sigma observations at Station Pier

B-3-3 PM₁₀

The 24-hour average PM₁₀ concentrations observed at the Station Pier AQMS are presented in Figure B.6 with hours during which a vessel was present in the port highlighted. The hourly average PM₁₀ concentrations are also shown in Figure B.7 by hourly average wind direction, with colouring indicating the presence of a vessel in the port, as well as in Figure B.8 as pollution roses.

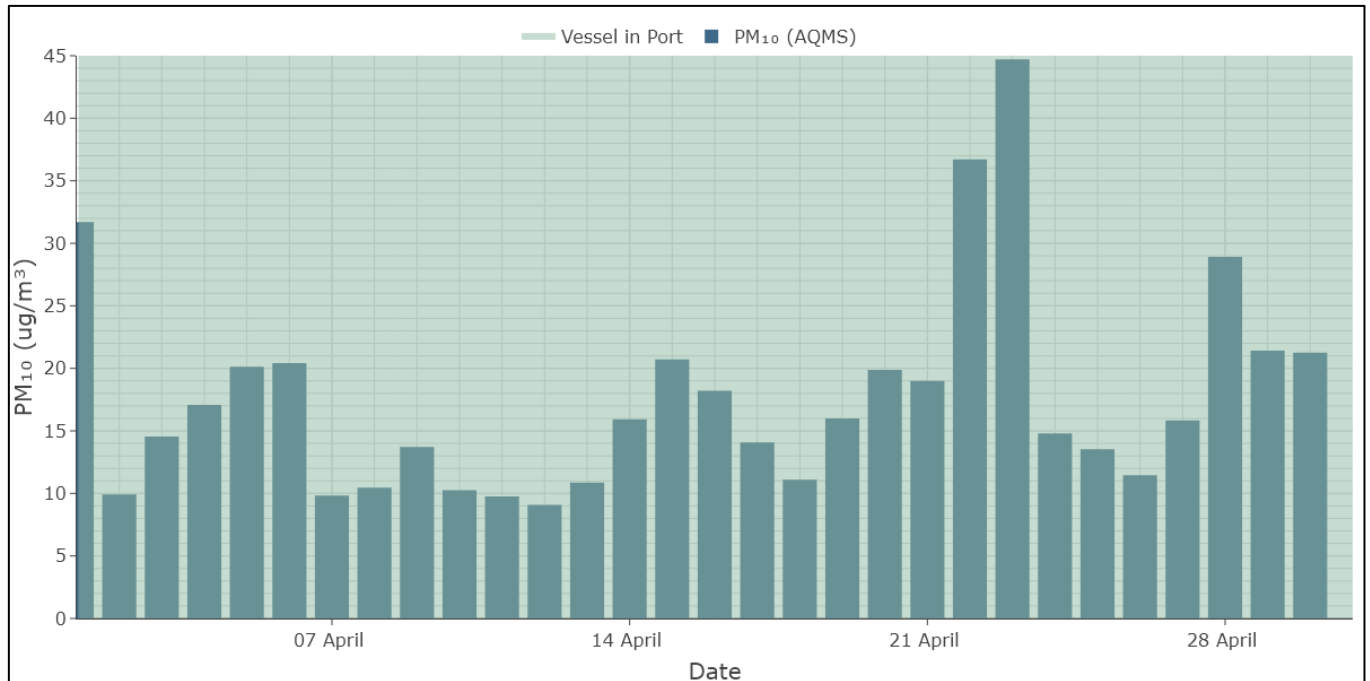


Figure B.6 24-hour average PM₁₀ concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier (April 2024) (criteria: 50 $\mu\text{g}/\text{m}^3$)

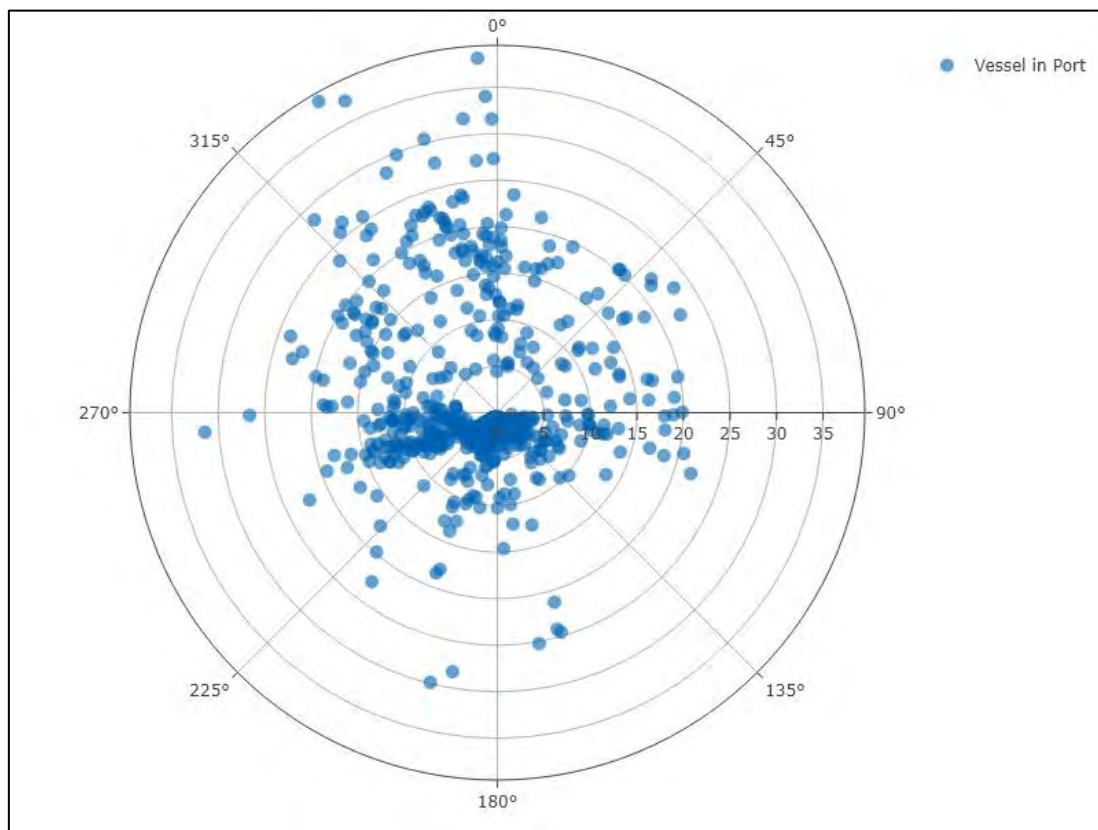
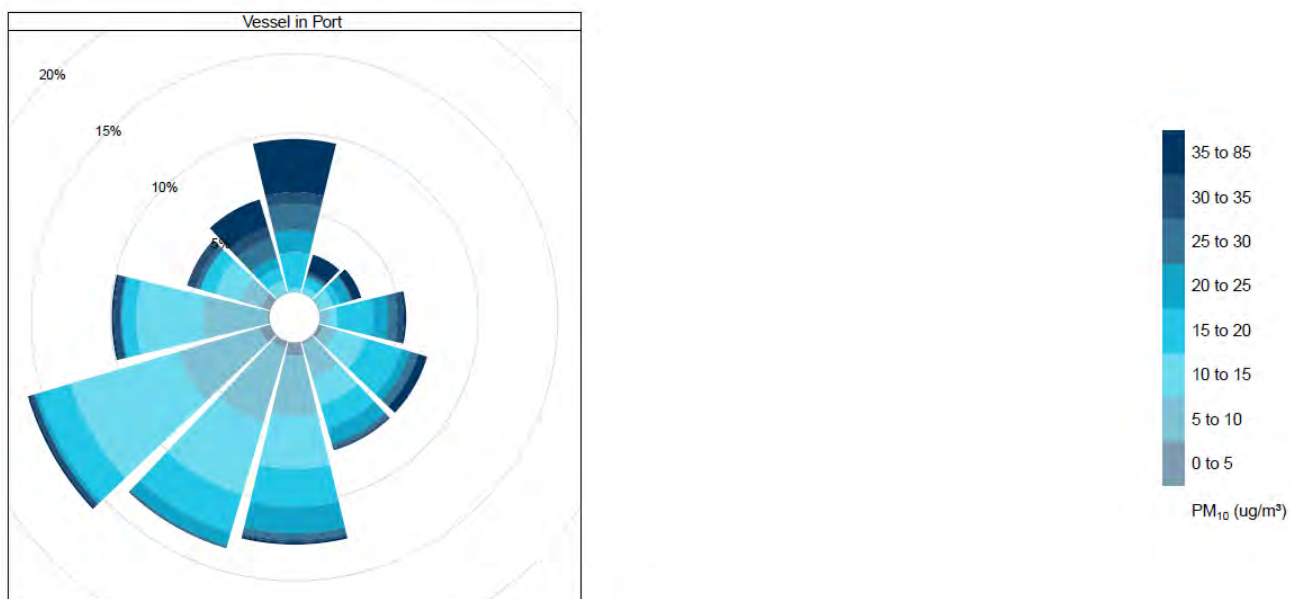


Figure B.7 Hourly average PM₁₀ concentration ($\mu\text{g}/\text{m}^3$) by wind direction (April 2024)



Frequency of counts by wind direction (%)

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

B-3-4 PM_{2.5}

The 24-hour average PM_{2.5} concentrations observed at the Station Pier AQMS are presented in Figure B.9 with hours during which a vessel was present in the port highlighted. The hourly average PM_{2.5} concentrations are also shown in Figure B.10 by hourly average wind direction, with colouring indicating the presence of a vessel in the port, as well as in Figure B.11 as pollution roses.

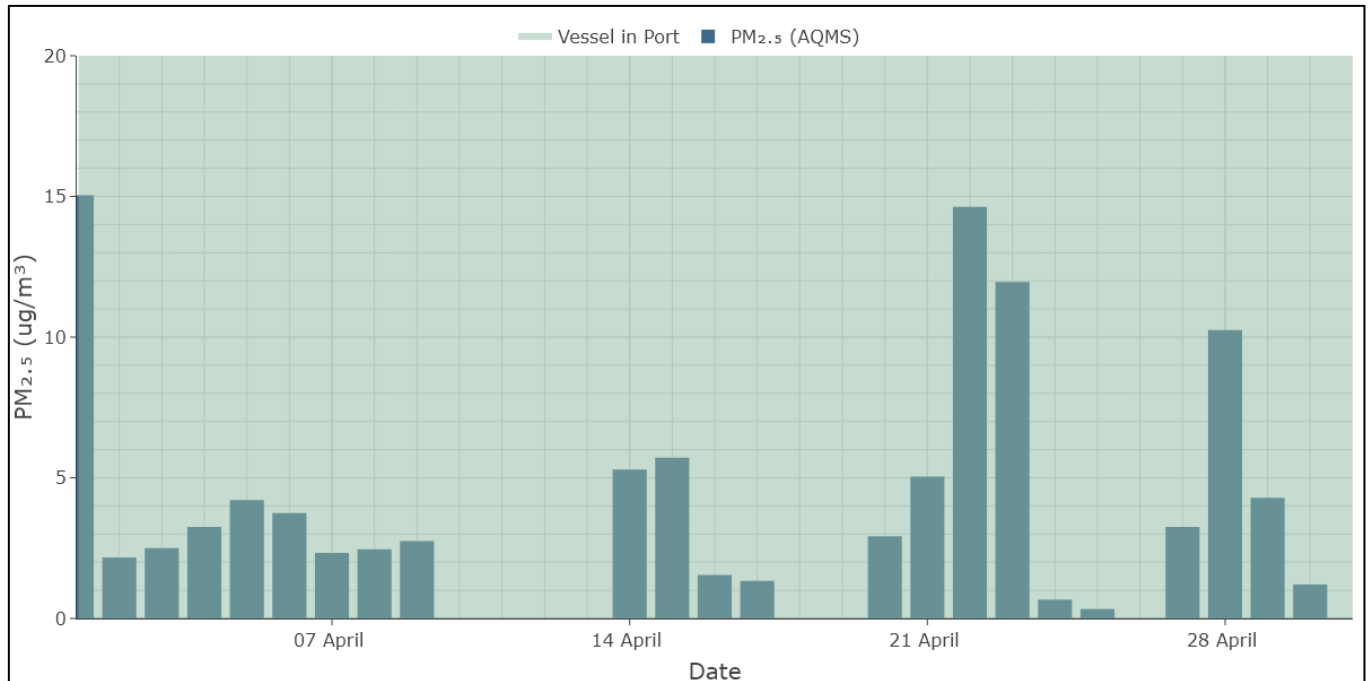


Figure B.9 24-hour average PM_{2.5} concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier (April 2024) (criteria: 25 $\mu\text{g}/\text{m}^3$)

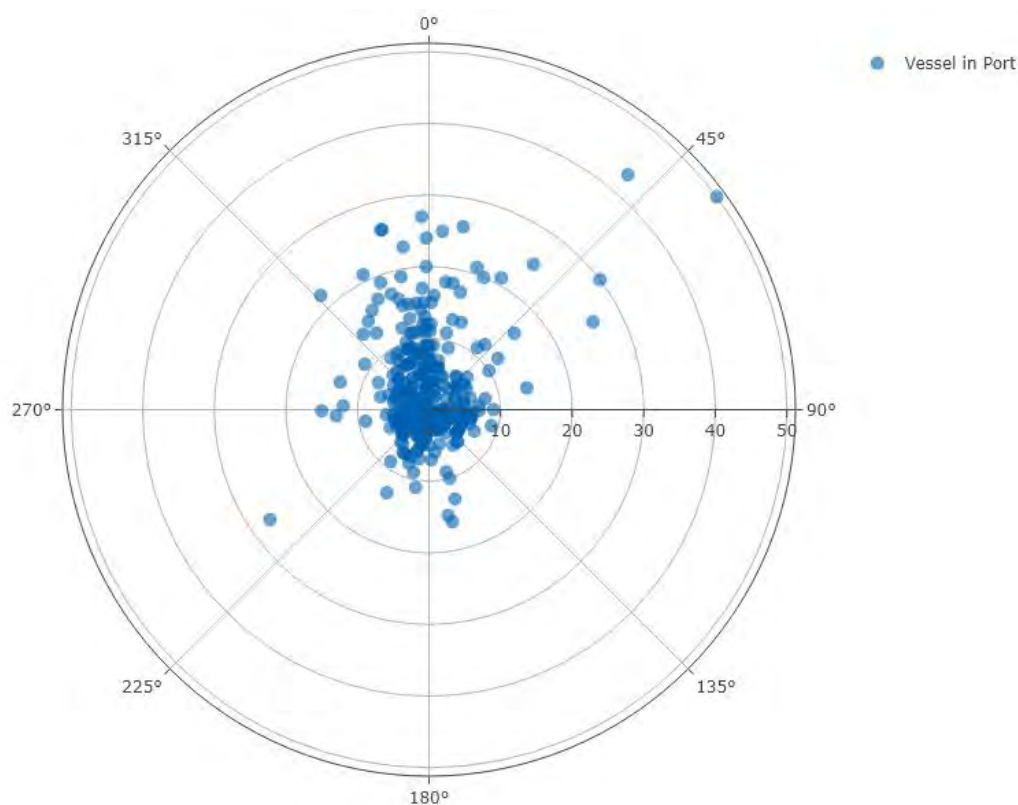
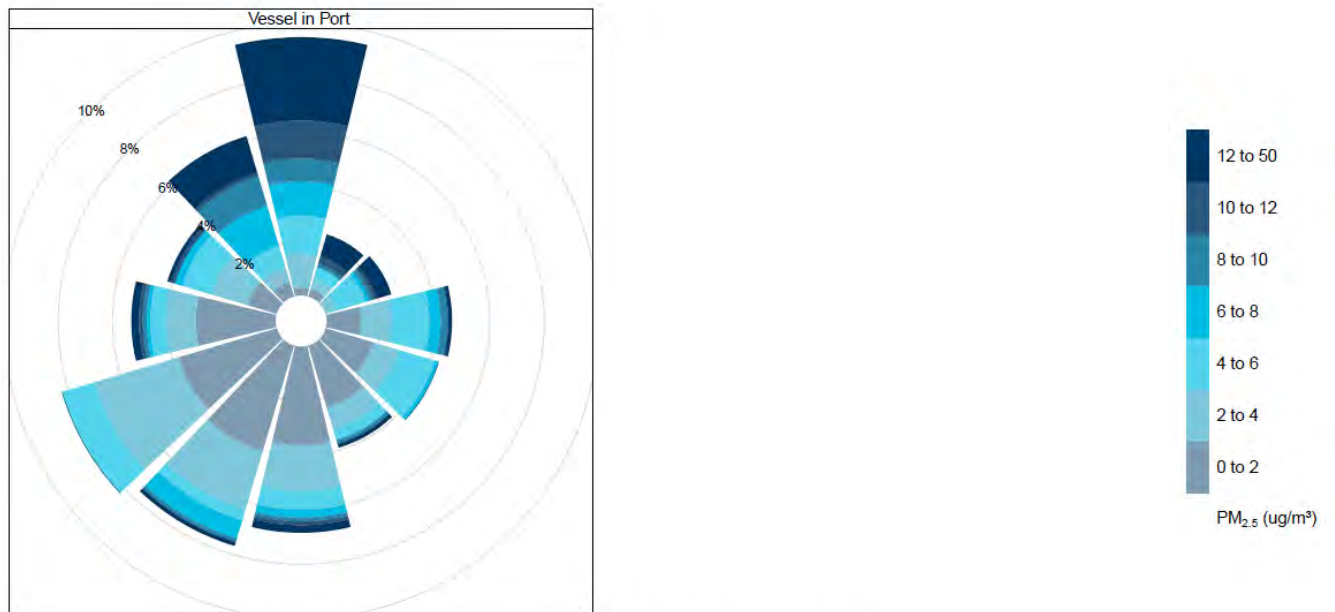


Figure B.10 Hourly average PM_{2.5} concentration ($\mu\text{g}/\text{m}^3$) by wind direction (April 2024)



Frequency of counts by wind direction (%)

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

B-3-5 NO₂

The hourly average NO₂ concentrations observed at the Station Pier AQMS are presented in Figure B.12 with hours during which a vessel was present in the port highlighted. The hourly average NO₂ concentrations are also shown in Figure B.13 by hourly average wind direction, with colouring indicating the presence of a vessel in the port, as well as in Figure B.14 as pollution roses.

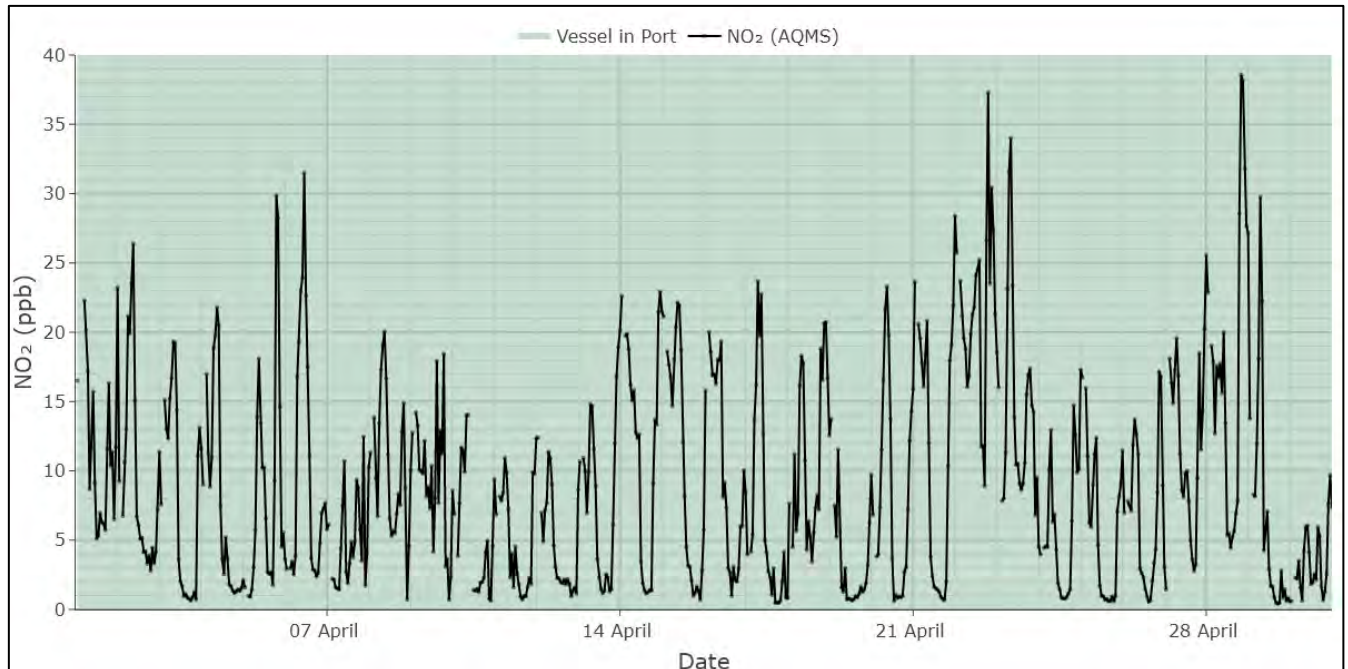


Figure B.12 Hourly average NO₂ concentrations (ppb) at Station Pier (April 2024) (criteria: 80 ppb)

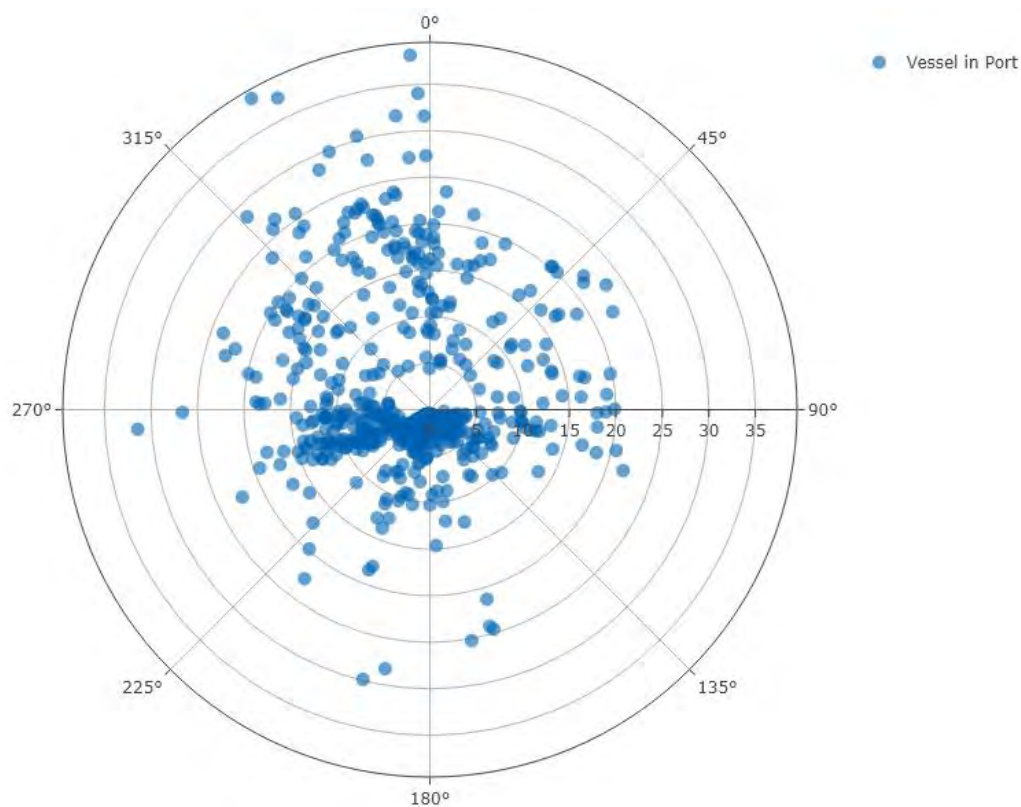


Figure B.13 Hourly average NO₂ concentration (ppb) by wind direction (April 2024)

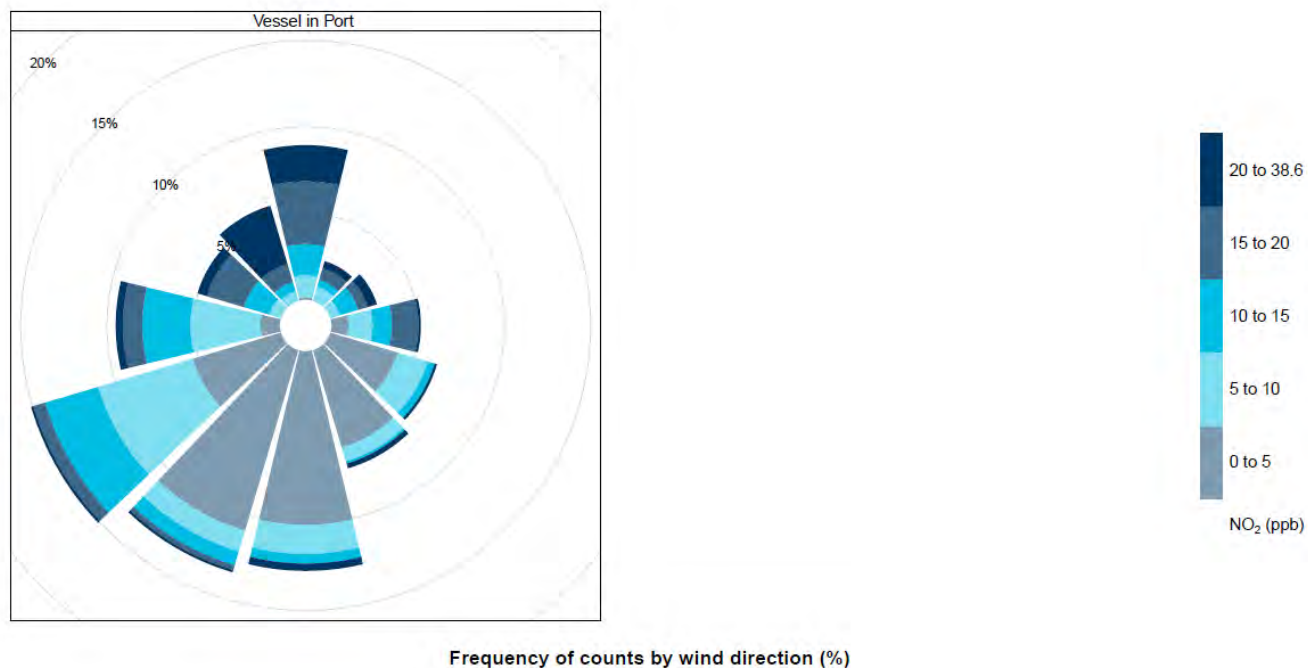


Figure B.14 Hourly average NO₂ concentration (ppb) pollution roses (April 2024)

B-3-6 SO₂

The hourly average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure B.15 with hours during which a vessel was present in the port highlighted. The hourly average SO₂ concentrations are also shown in Figure B.16 by hourly average wind direction, with colouring indicating the presence of a vessel in the port, as well as in Figure B.17 as pollution roses.

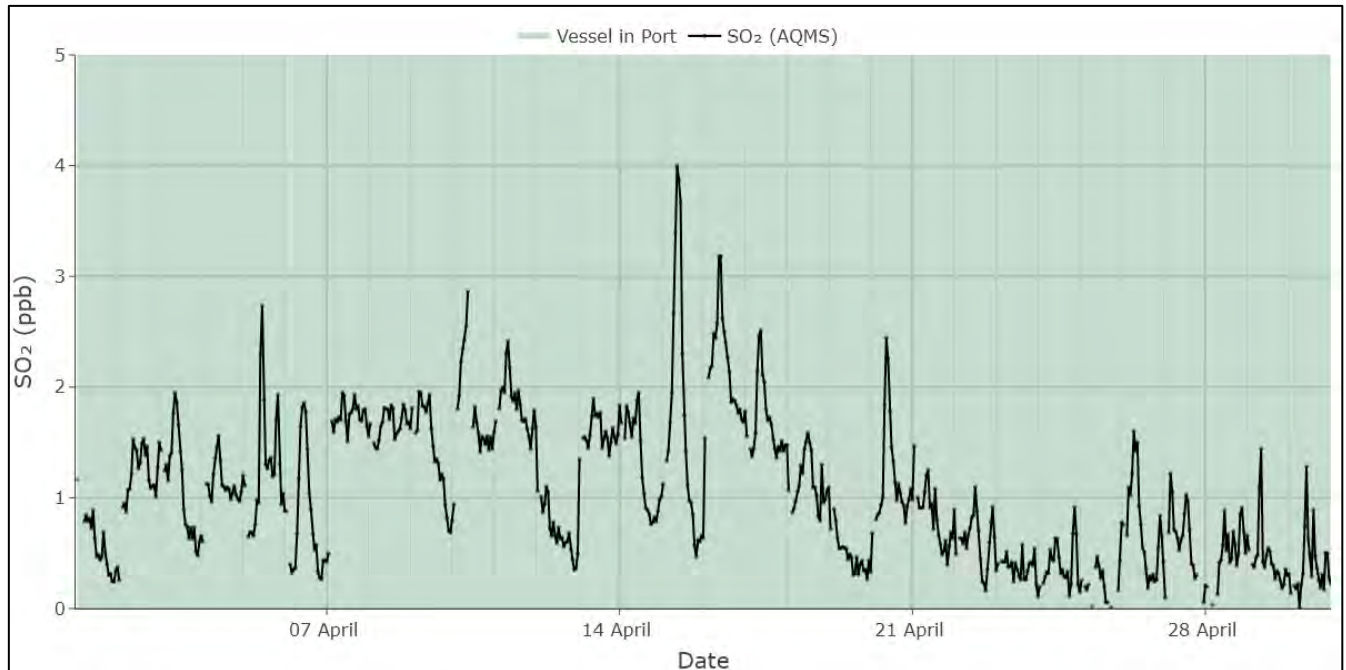


Figure B.15 Hourly average SO₂ concentrations (ppb) at Station Pier (April 2024) (criteria: 75 ppb)

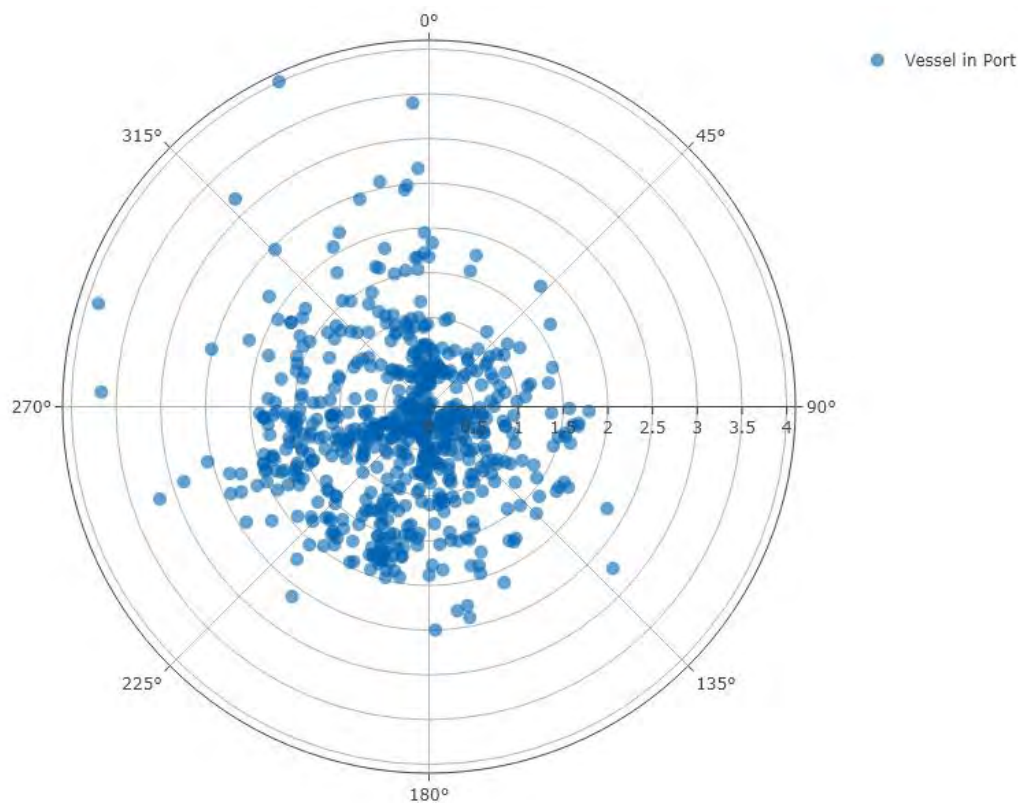


Figure B.16 Hourly average SO₂ concentration (ppb) by wind direction (April 2024)

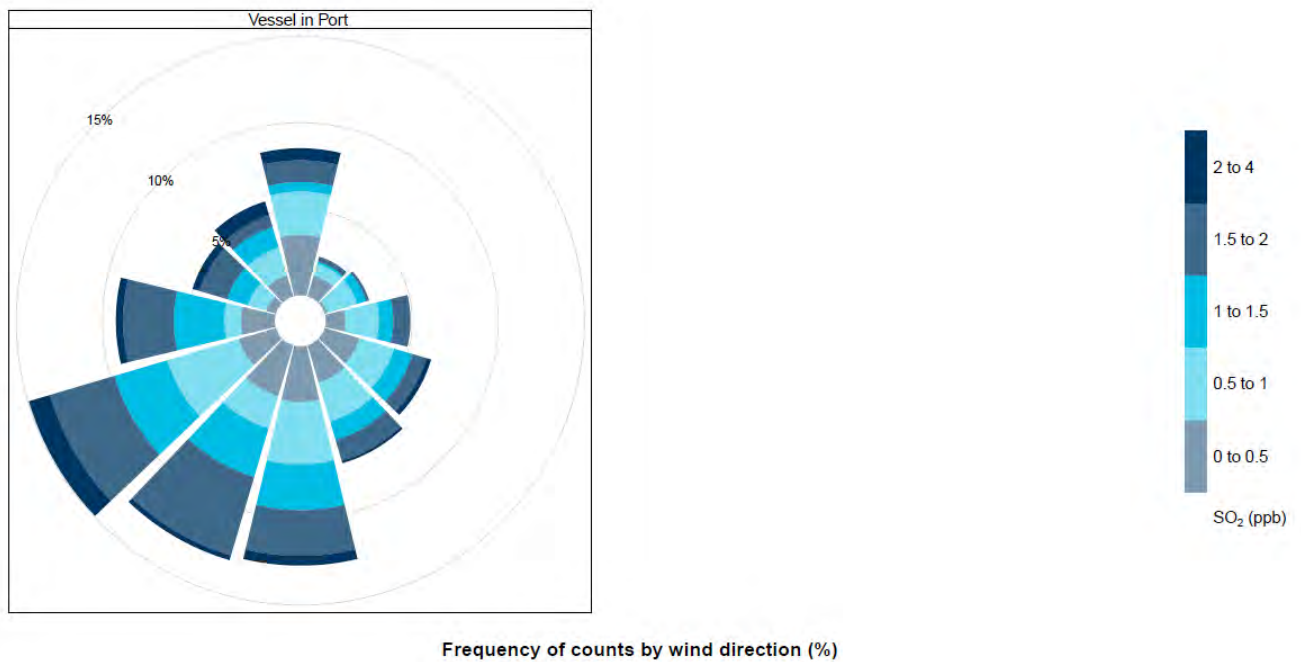


Figure B.17 *Hourly average SO₂ concentration (ppb) pollution roses (April 2024)*

The 24-hour average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure B.18 with hours during which a vessel was present in the port highlighted.

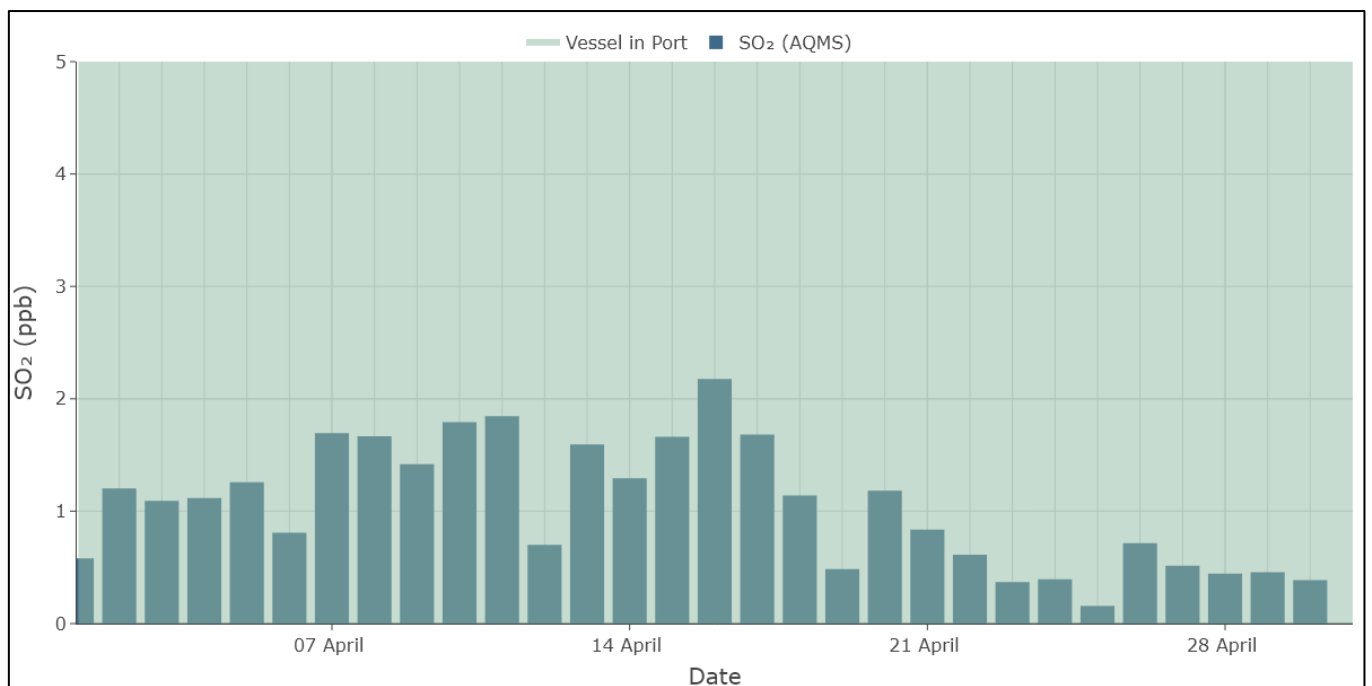


Figure B.18 *24-hour average SO₂ concentrations (ppb) at Station Pier (April 2024) (criteria: 20 ppb)*

B-4 Data analysis

Analysis of the data collected by the Station Pier AQMS has been conducted for each pollutant including comparison against:

- observations from the nearby EPA Stations (Altona North, Spotswood, Kingsville, Footscray, Brooklyn, Melbourne CBD)
- the adopted criteria (as per Table 2)
- port activity (presence or absence of vessels)

The assessed EPA locations were selected as they are considered representative of regional air quality. This analysis allows for comparison against ambient air quality across the local region, and identification of potential risk to the receiving environment. It is important to note that while comparison between Station Pier observations and observations at the local EPA Stations has been undertaken, all 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 Station data used in this report has been collected from the EPA website and has not been through a quality assurance / quality control procedure.

B-4-1 PM₁₀

The 24-hour average PM₁₀ concentrations observed at the Station Pier AQMS are presented in Figure B.19 alongside observations from the local EPA stations and the adopted criterion.

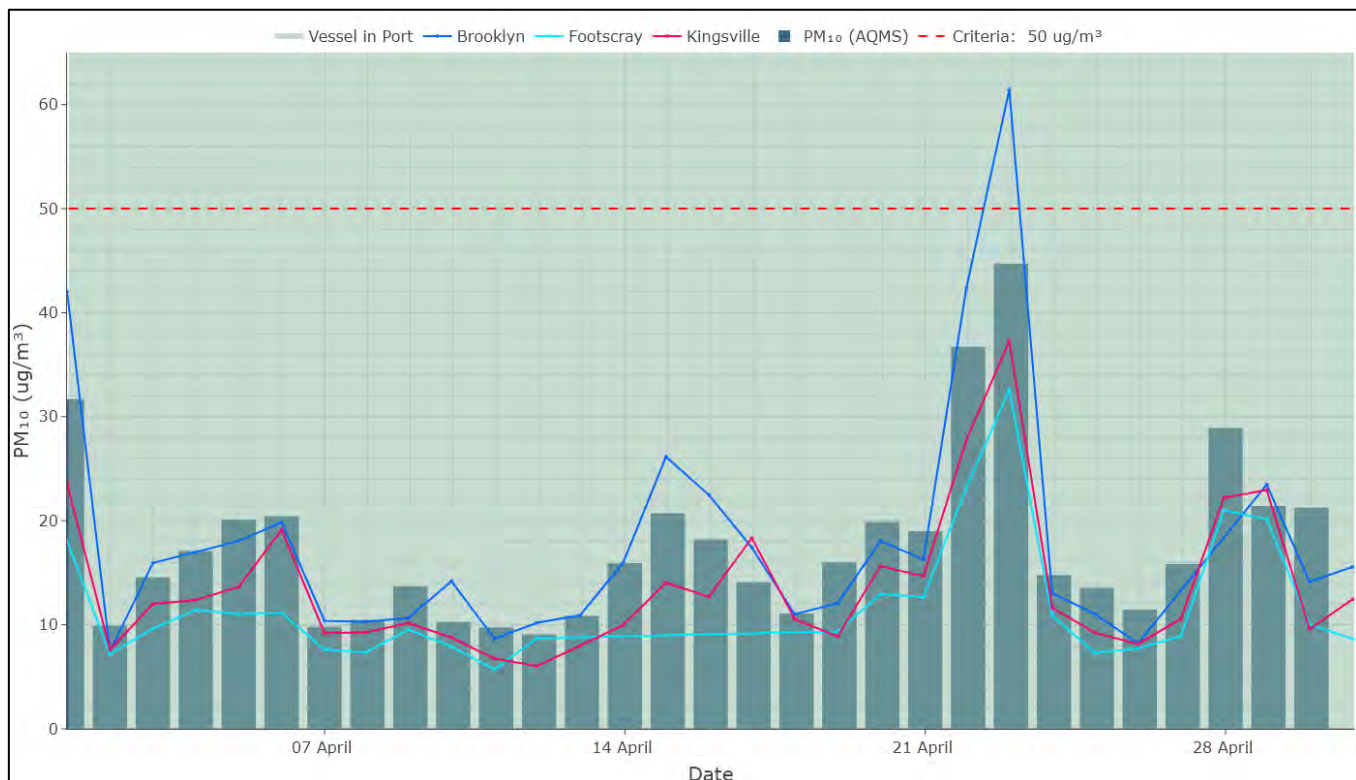


Figure B.19 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (April 2024) (criteria: 50 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA station observations is presented in Table B.3. Positive correlation (>0.8) was observed between the Station Pier observations and the EPA station observations for all three EPA stations.

All concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 44.7 µg/m³, which is 10.6% below the criterion. On 1, 22, 23 and 28 April, 24-hour average PM₁₀ concentrations were measured to be comparatively higher than other days at Station Pier. Elevated PM₁₀ concentrations were also observed during these days at EPA Stations located at Brooklyn, Kingsville and Footscray. The higher levels of PM₁₀ observed at both Station Pier AQMS and EPA Stations indicate that there was likely a regional emission source(s) contributing to elevated levels, rather than a localised source.

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

EPA Station	Correlation coefficient (r)
Kingsville	0.95
Footscray	0.98
Brooklyn	0.96

B-4-2 PM_{2.5}

The 24-hour average PM_{2.5} concentrations observed at the Station Pier AQMS are presented in Figure B.20 alongside observations from the local EPA stations and the adopted criterion.

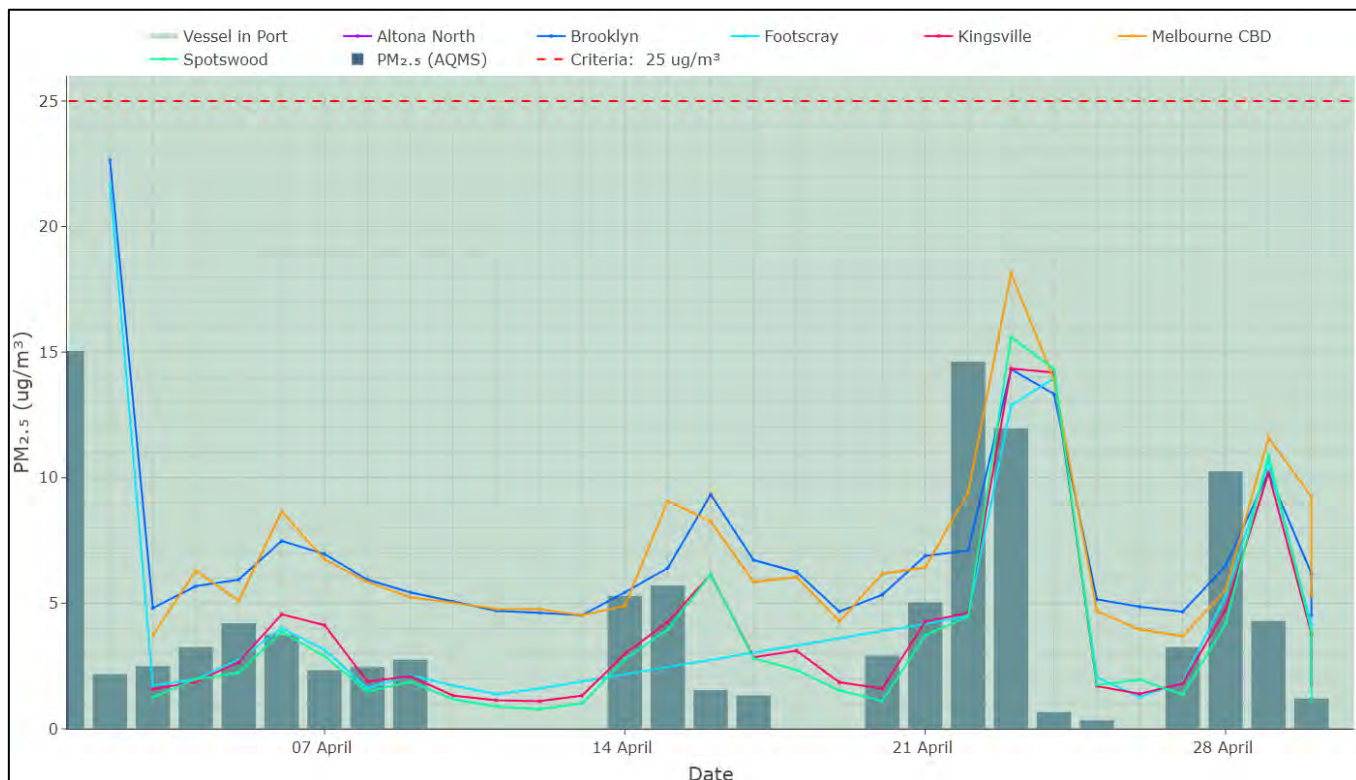


Figure B.20 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (April 2024) (criteria: 25 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA station observations is presented in Table B.4. Minimal correlation (less than 0.5) was observed between the Station Pier observations and the EPA station observations for the Spotswood, Kingsville and Brooklyn stations. Some positive correlation (between 0.28 and 0.36) was observed between the Station Pier observations and the EPA station observations for the Spotswood, Kingsville and Melbourne CBD stations.

All concentrations were below the adopted criterion, with the maximum 24-hour average concentration of 15 µg/m³, which was 40% below the criterion, observed on 1 April. On 1, 22, 23 and 28 April, 24-hour average PM_{2.5} concentrations were measured to be comparatively higher than other days at Station Pier. Elevated PM_{2.5} concentrations were also observed on 1, 22, 23 and 29 April at EPA Stations Melbourne CBD, Brooklyn, Kingsville and Spotswood stations. The higher levels of PM_{2.5} observed at both Station Pier AQMS and EPA Stations indicate that there was likely a regional emission source(s) contributing to elevated levels rather than a localised source.

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

EPA Station	Correlation coefficient (r)
Spotswood	0.28
Kingsville	0.28
Footscray	0.08
Brooklyn	0.05
Melbourne CBD	0.36

B-4-3 NO₂

The hourly average NO₂ concentrations observed at the Station Pier AQMS are presented in Figure B.21 alongside observations from the local EPA stations and the adopted criterion.

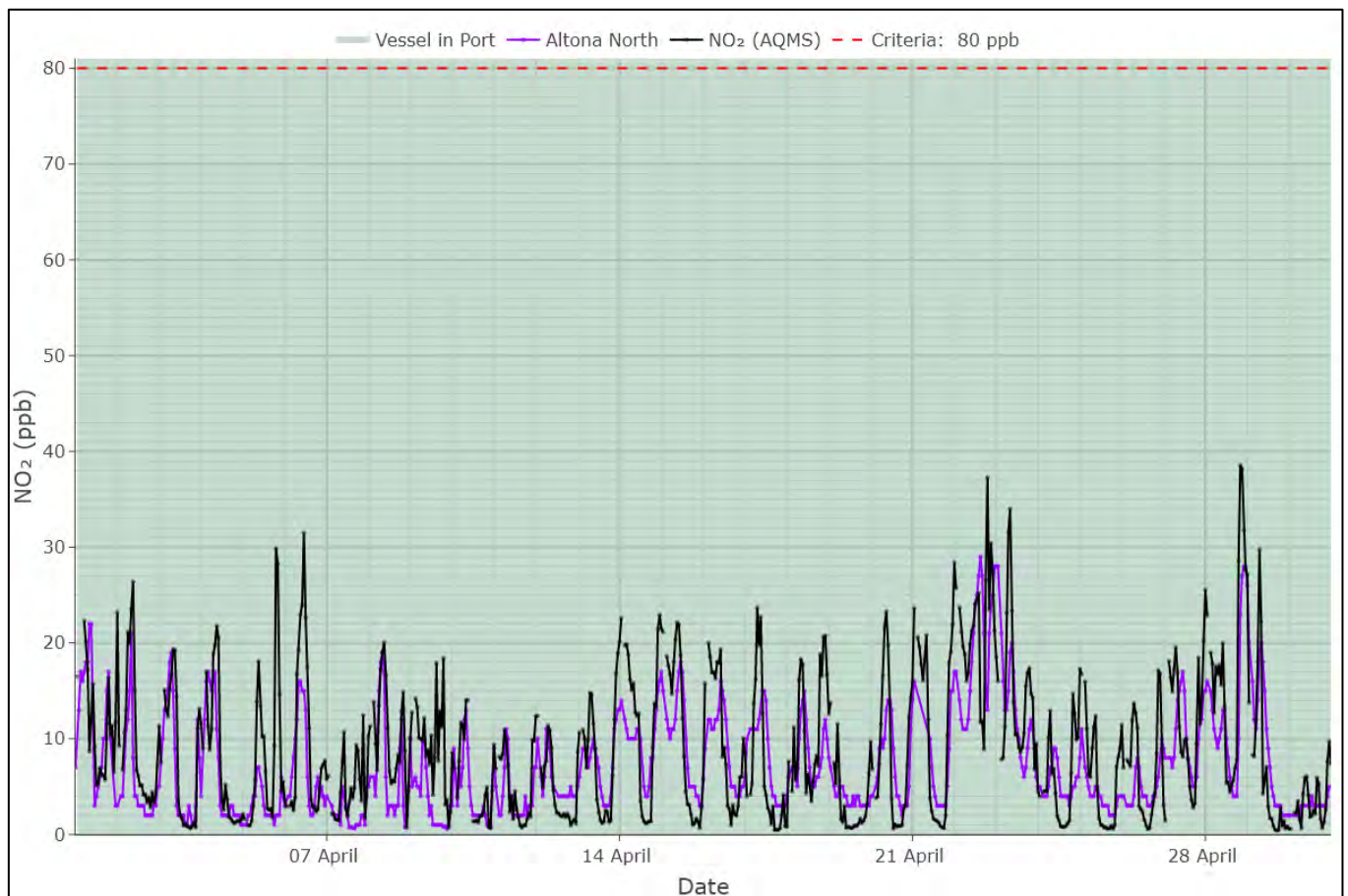


Figure B.21 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 80 ppb)

Some positive correlation (0.70) 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 38.6 ppb, which is 52% below the criterion.

B-4-4 SO₂

The hourly average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure B.22 alongside observations from the local EPA stations and the adopted criterion.

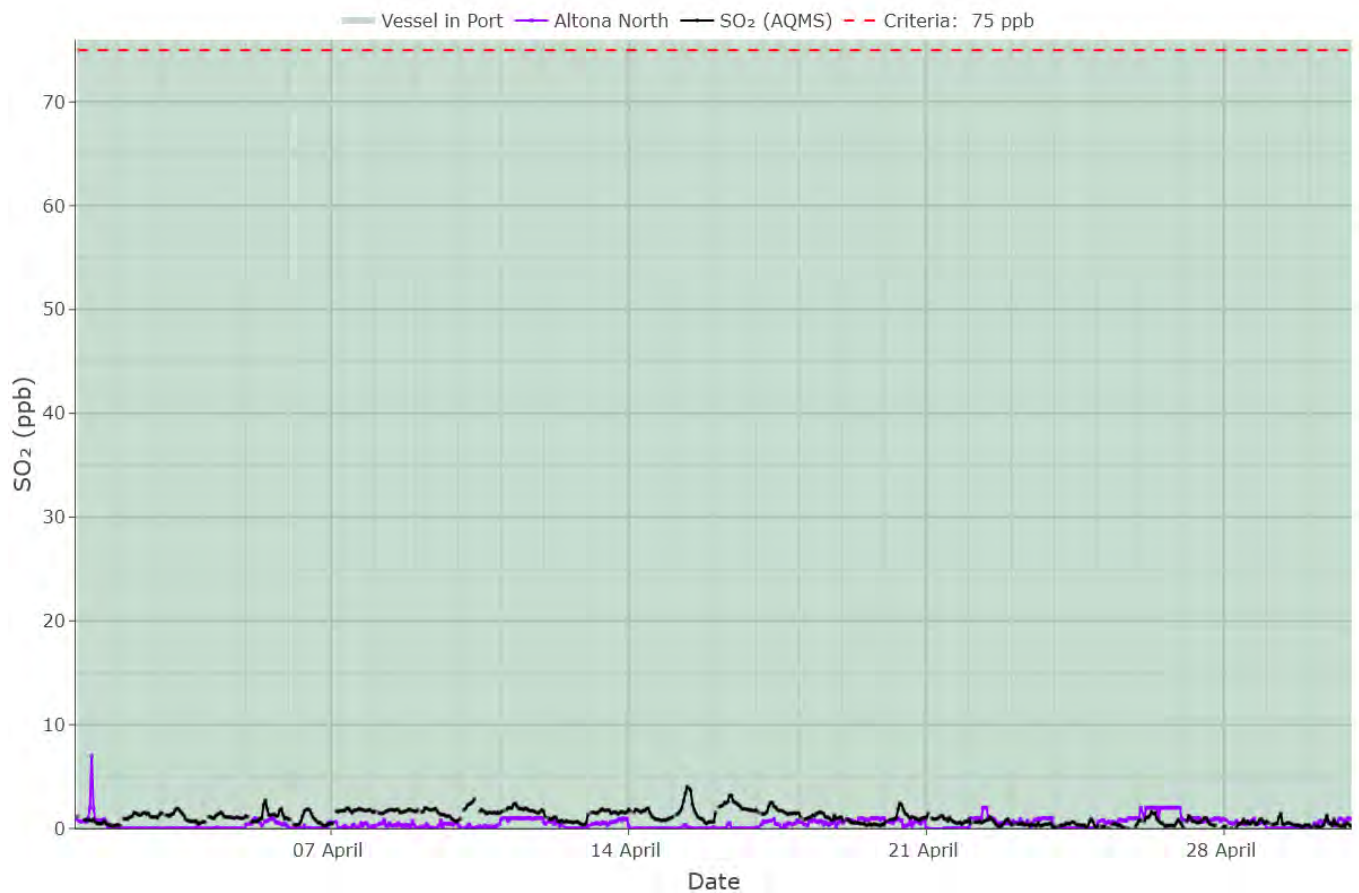


Figure B.22 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 75 ppb)

Minimal correlation (0.17) 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 4 ppb, which is 95% below the criterion.

The 24-hour average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure B.23 alongside observations from the local EPA stations and the adopted criterion.

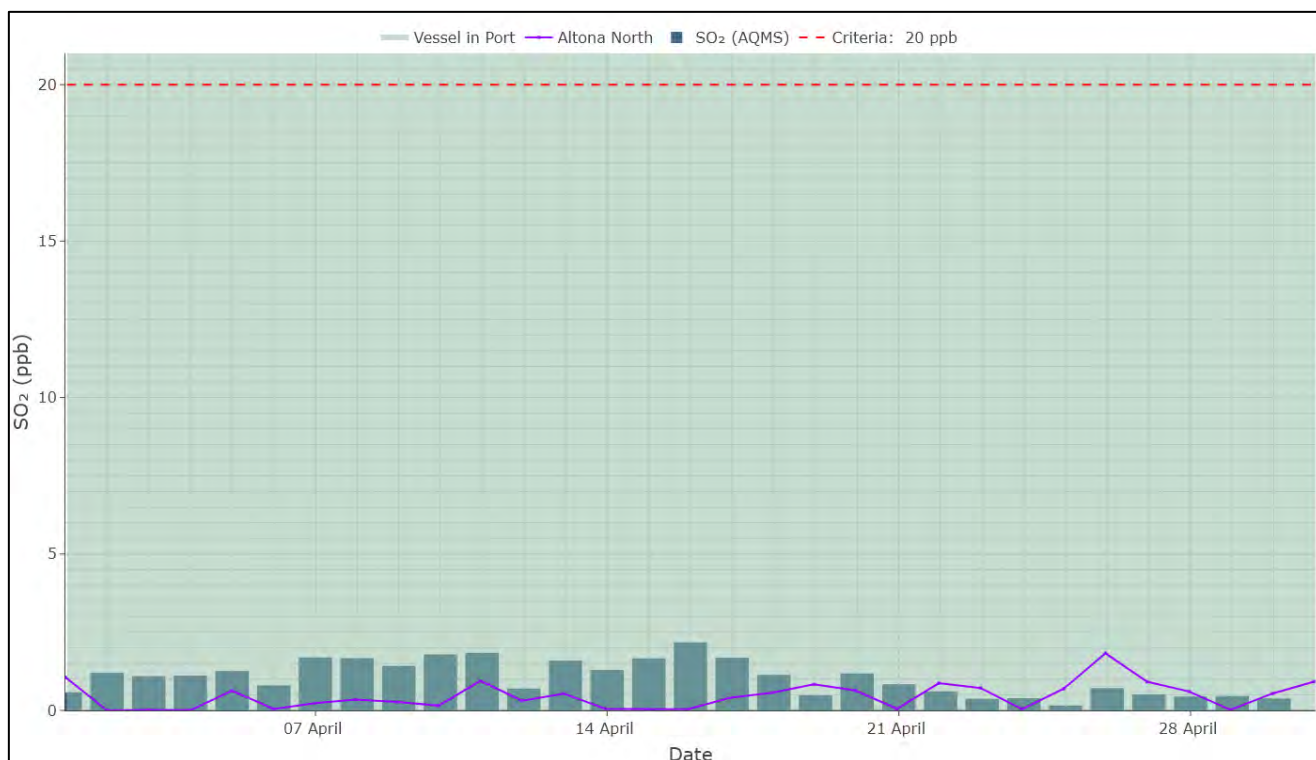


Figure B.23 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA stations (April 2024) (criteria: 20 ppb)

Minimal correlation (0.39) was observed between the Station Pier observations and the Altona North EPA station observations.

All concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 2.2 ppb, which is 89% below the criterion.

B-4-5 Port activity

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

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

Ship name	Arrival	Departure	Status
ICS Allegiance (T)	2/04/2024 5:50	2/04/2024 17:00	IN_PORT
Noordam (P)	4/04/2024 6:12	4/04/2024 16:08	DEPARTED
ICS Allegiance (T)	4/04/2024 12:38	4/04/2024 18:00	IN_PORT
HMAS Canberra	5/04/2024 7:52	10/04/2024 8:06	DEPARTED
Celebrity Edge (P)	7/04/2024 7:30	7/04/2024 19:40	DEPARTED
ICS Allegiance (T)	10/04/2024 11:01	10/04/2024 14:50	REMOVED
ICS Allegiance (T)	26/04/2024 7:30	26/04/2024 20:22	REMOVED
ICS Allegiance (T)	30/04/2024 8:00	30/04/2024 17:26	REMOVED

The number of vessels present at the port at the time of the maximum hourly concentrations of each pollutant are shown in Figure B.24. The maximum PM₁₀, PM_{2.5}, NO₂ and SO₂ concentrations occurred when there was one vessel present at the port.

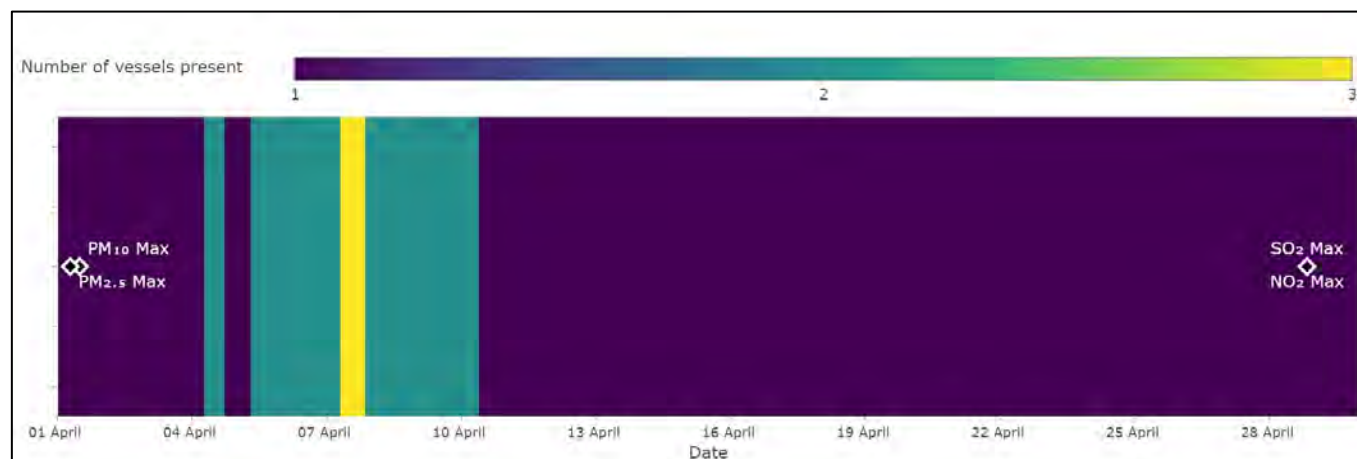


Figure B.24 Number of vessels present compared against maximum concentration observations

At least one vessel was present at the port throughout the monitoring period, therefore average concentrations could not be compared against vessel presence.

B-4-6 Other impacts to air quality

Smoke from burning can lead to increased particulate matter observations and would likely impact EPA observations as well as those at Station Pier. Reports of bushfires and planned burns across Victoria have been reviewed to identify other potential impacts to air quality (Forest Fire Management Victoria, 2024). Events which likely increased particulate matter observations are the planned burns were reported to take place around Victoria on 29-31 March 2024, 5-6 April, 13-15 April, 20-22 April and 25 April 2024.

B-5 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 April 2024 has been reviewed by ACOEM and the NATA accredited results are presented in this report.

Comparison against the EPA Stations observations showed some positive correlation (0.28 to 0.7) for 24-hour average PM_{2.5} concentrations and 1-hour average NO₂ concentrations. Positive correlation was observed for 24-hour average PM₁₀ concentrations. Minimal correlation was observed for SO₂ concentrations.

All observations of PM₁₀, PM_{2.5}, NO₂ and SO₂ during the month of April 2024 were lower than the adopted short term criteria (1-hour and 24-hour), ranging from 10.6% (for maximum 24-hour average PM₁₀) to 95% (for maximum 1-hour average SO₂) below the relevant criteria.

During the days when particulate matter concentrations (PM₁₀ and PM_{2.5}) were measured to be higher than other days at Station Pier, elevated particulate concentrations were also observed at EPA Stations. The higher levels of particulate matter observed at Station Pier AQMS and EPA Stations indicate a regional emission source(s), rather than a localised source, contributing to elevated particulate matter levels occurring on same days across EPA stations and Station Pier AQMS.

Appendix C

Data analysis – long term

C-1 PM₁₀

The 24-hour average PM₁₀ concentrations observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 30 April 2024) are presented in Figure C.1 alongside observations from the local EPA stations and the adopted criterion. The hourly average PM₁₀ concentrations are also shown in Figure C.2 by hourly average wind direction, with colouring indicating the number of vessels present in the port.

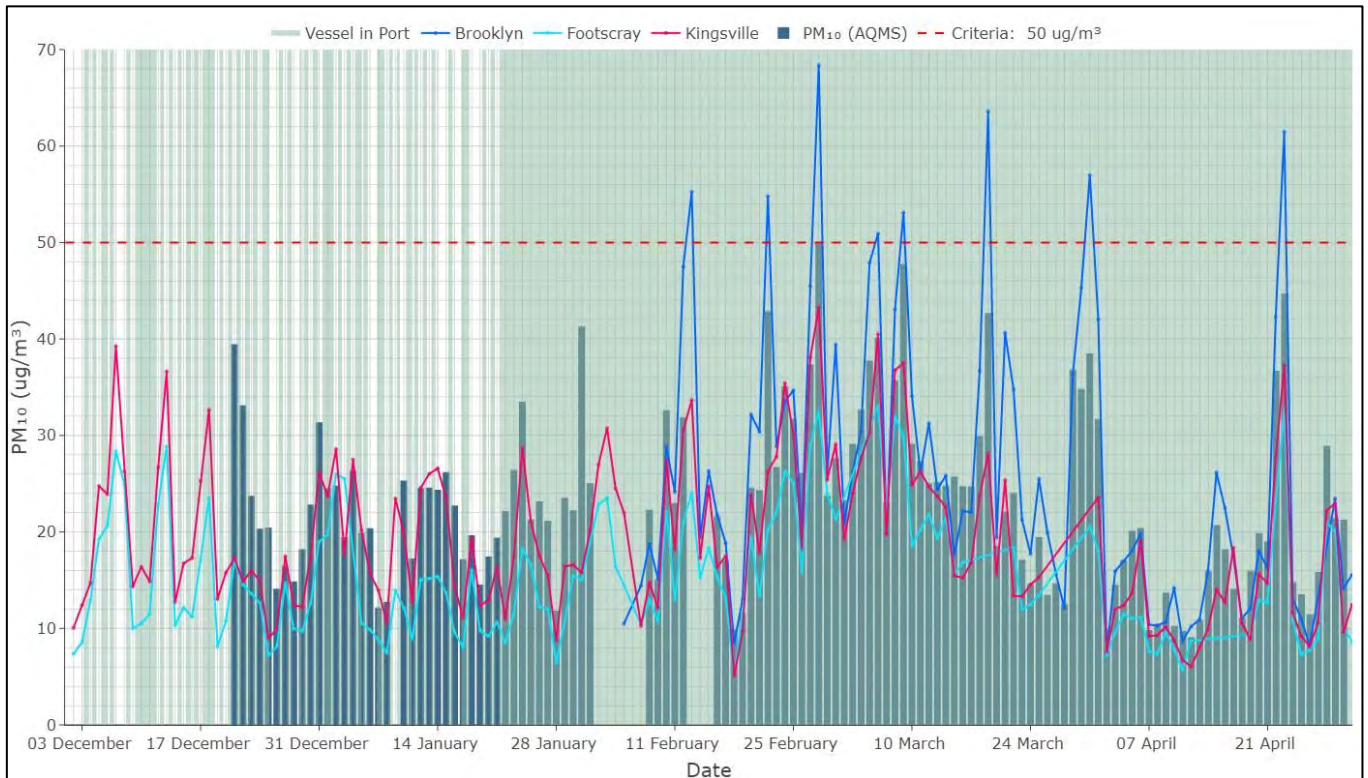


Figure C.1 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - April 2024) (criteria: 50 µg/m³)

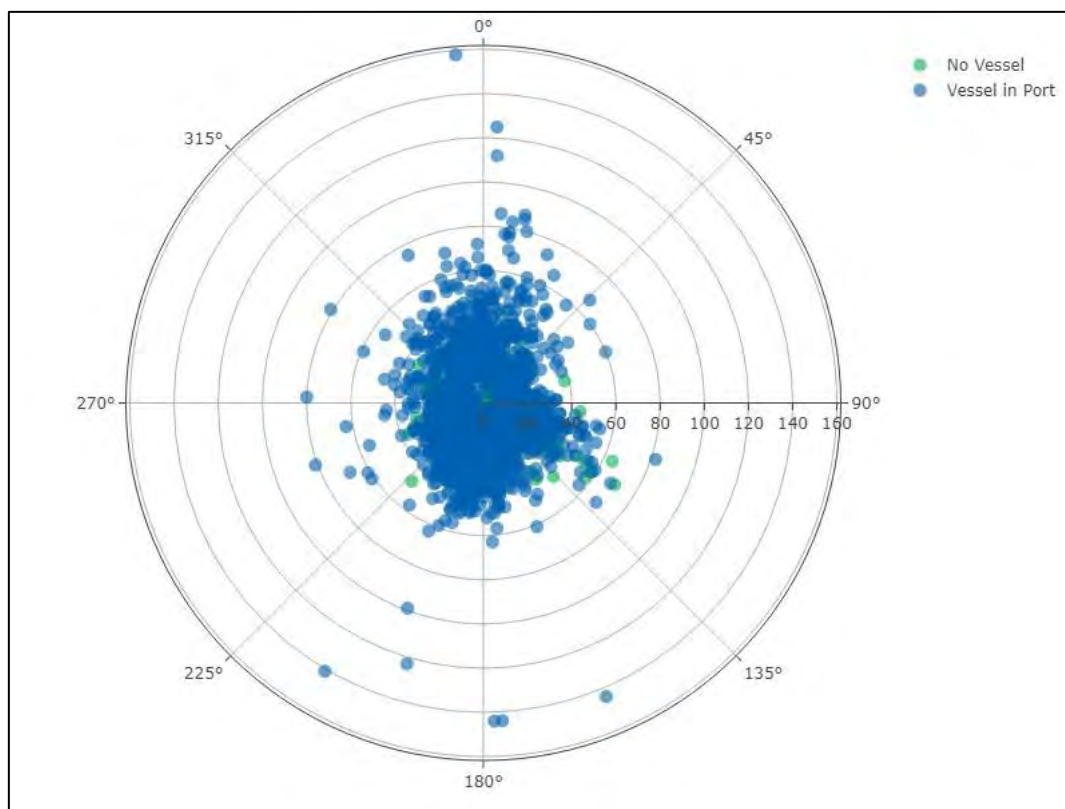


Figure C.2 *Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - April 2024)*

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

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

Month	Station Pier	Kingsville	Footscray	Brooklyn
December 2023	23.3	19.0	14.8	-
January 2024	22.1	18.3	12.6	-
February 2024	26.7	23.3	18.6	29.8
March 2024	27.2	23.7	21.0	30.9
April 2024	17.7	13.5	12.0	18.3
2024 year-to-date	23.2	19.4	15.5	26.3
All available data	23.2	19.3	15.3	26.3
" - " indicates no data available				

C-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 30 April 2024) are presented in Figure C.3 alongside observations from the local EPA stations and the adopted criterion. The hourly average PM_{2.5} concentrations are also shown in Figure C.4 by hourly average wind direction, with colouring indicating the number of vessels present in the port.

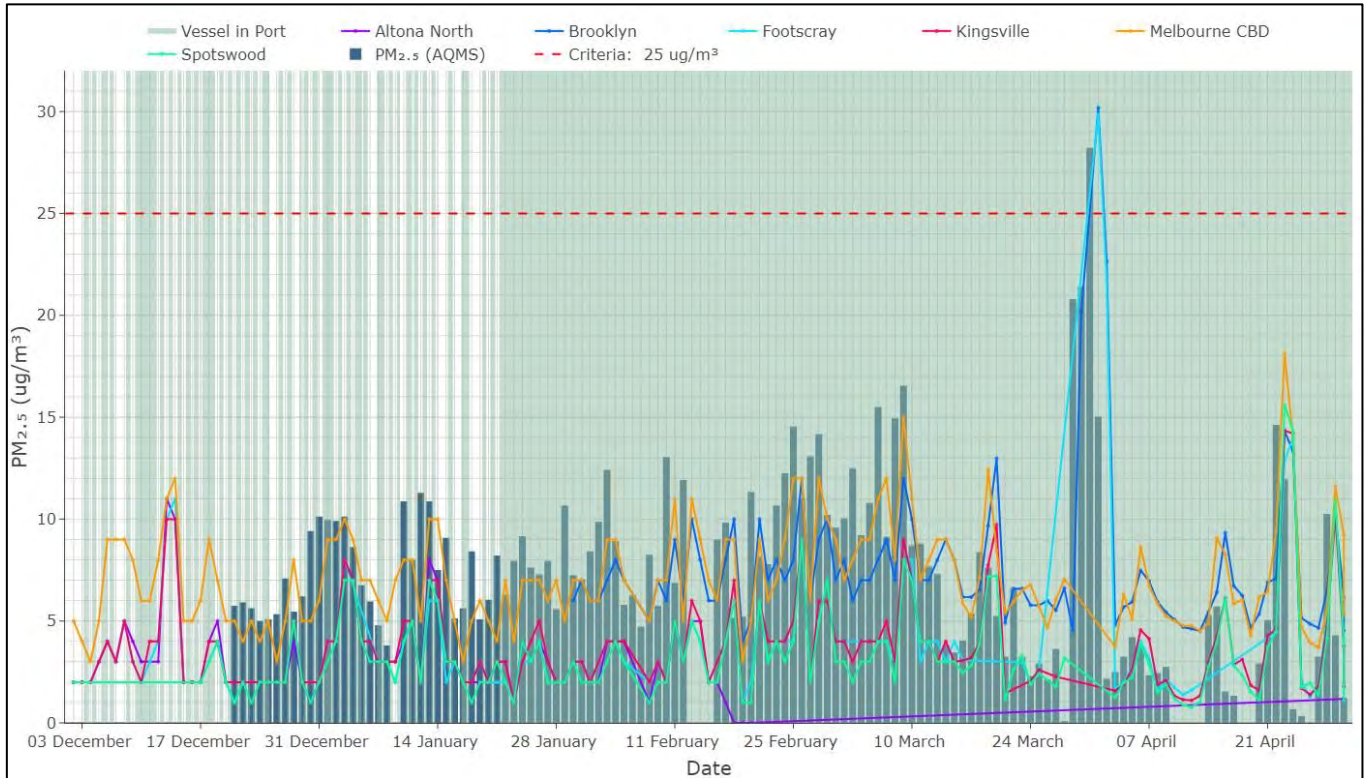


Figure C.3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - April 2024) (criteria: 25 µg/m³)

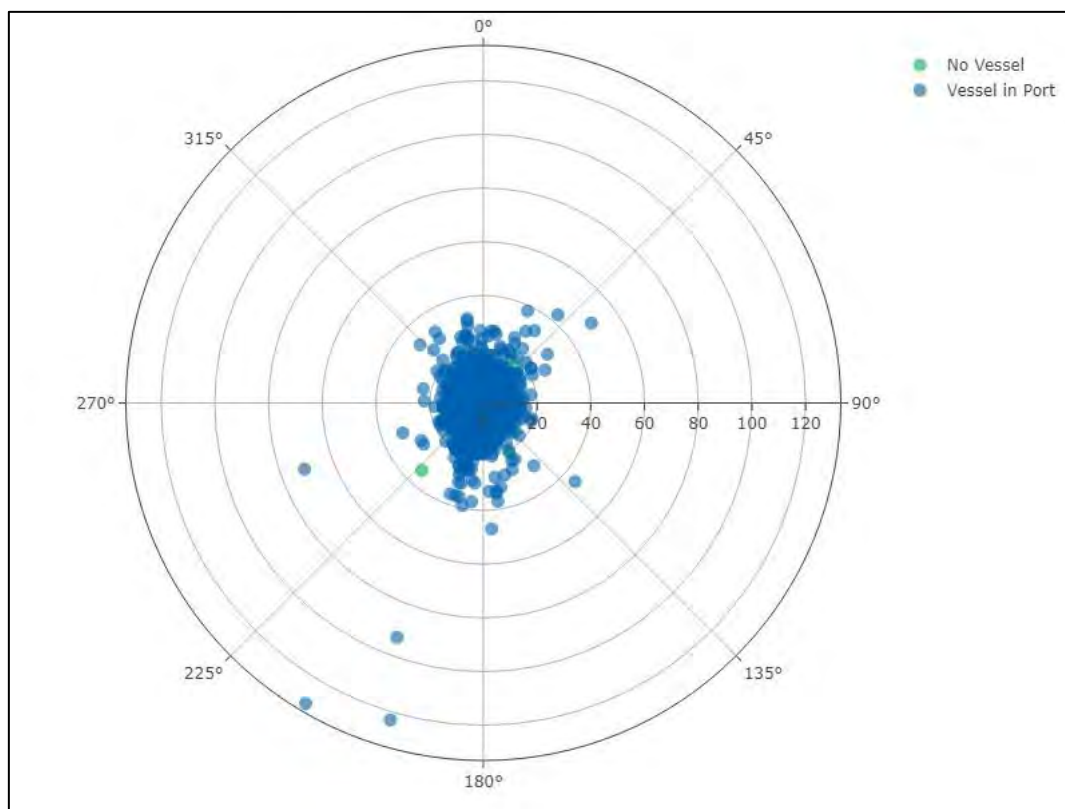


Figure C.4 Hourly average $PM_{2.5}$ concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - April 2024)

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

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

Month	Station Pier	Kingsville	Footscray	Brooklyn	Melbourne CBD	Spotswood	Altona North
December 2023	6.5	3.3	3.2	-	6.5	2.1	3.2
January 2024	7.8	3.4	3.0	6.1	6.8	3.0	3.3
February 2024	9.4	4.0	3.7	7.5	8.2	3.6	2.5
March 2024	9.2	4.2	4.1	8.6	8.4	3.7	-
April 2024	4.9	3.8	3.9	7.1	6.8	3.6	1.1
2024 year-to-date	7.9	3.8	3.6	7.7	7.5	3.5	3.0
All available data	7.8	3.7	3.5	7.7	7.3	3.3	3.1

"-" indicates no data available

C-3 NO₂

The hourly average NO₂ concentrations observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 30 April 2024) are presented in Figure C.5 alongside observations from the local EPA station and the adopted criterion. The hourly average NO₂ concentrations are also shown in Figure C.6 by hourly average wind direction, with colouring indicating the number of vessels present in the port.

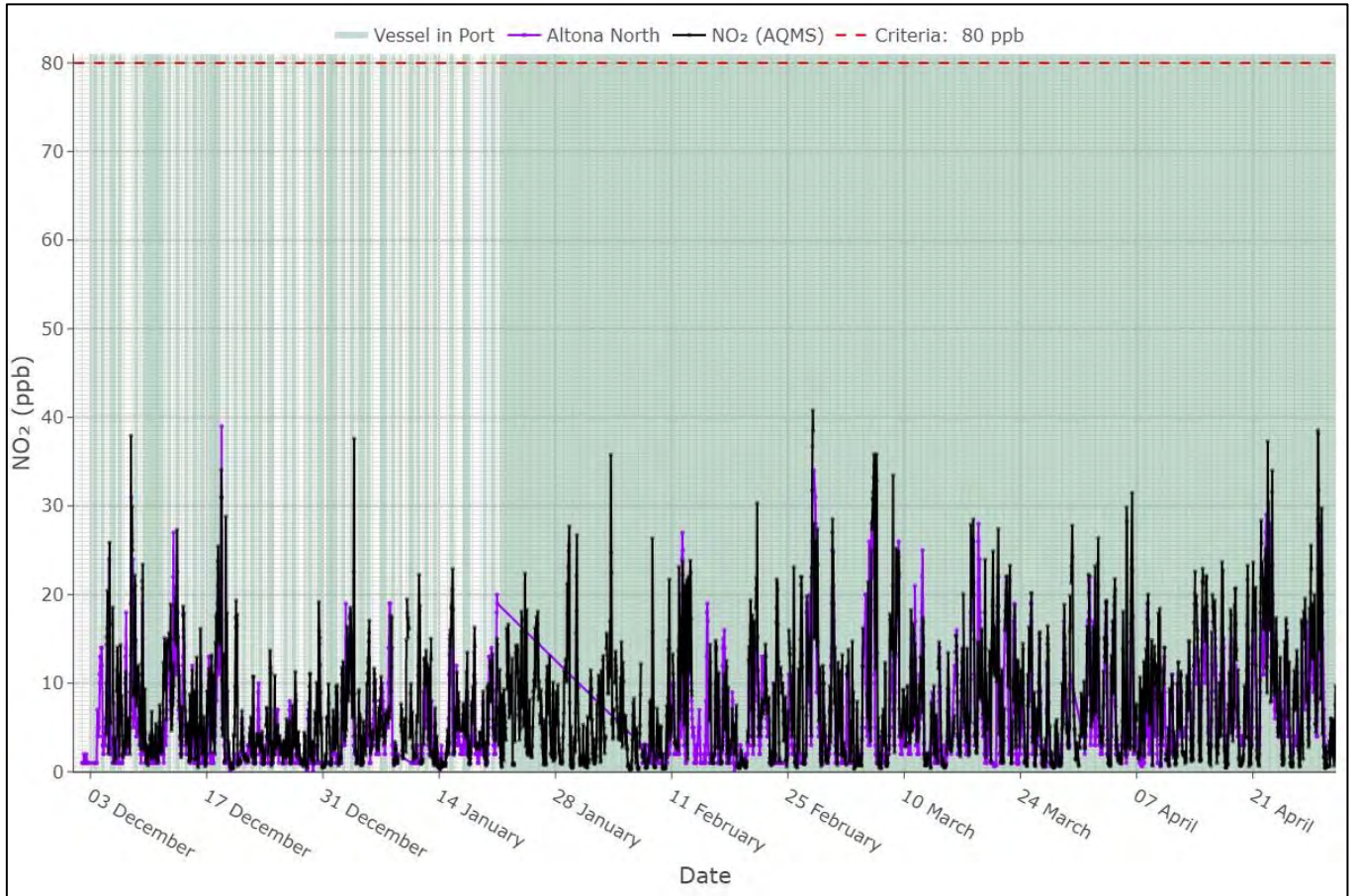


Figure C.5 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - April 2024) (criteria: 80 ppb)

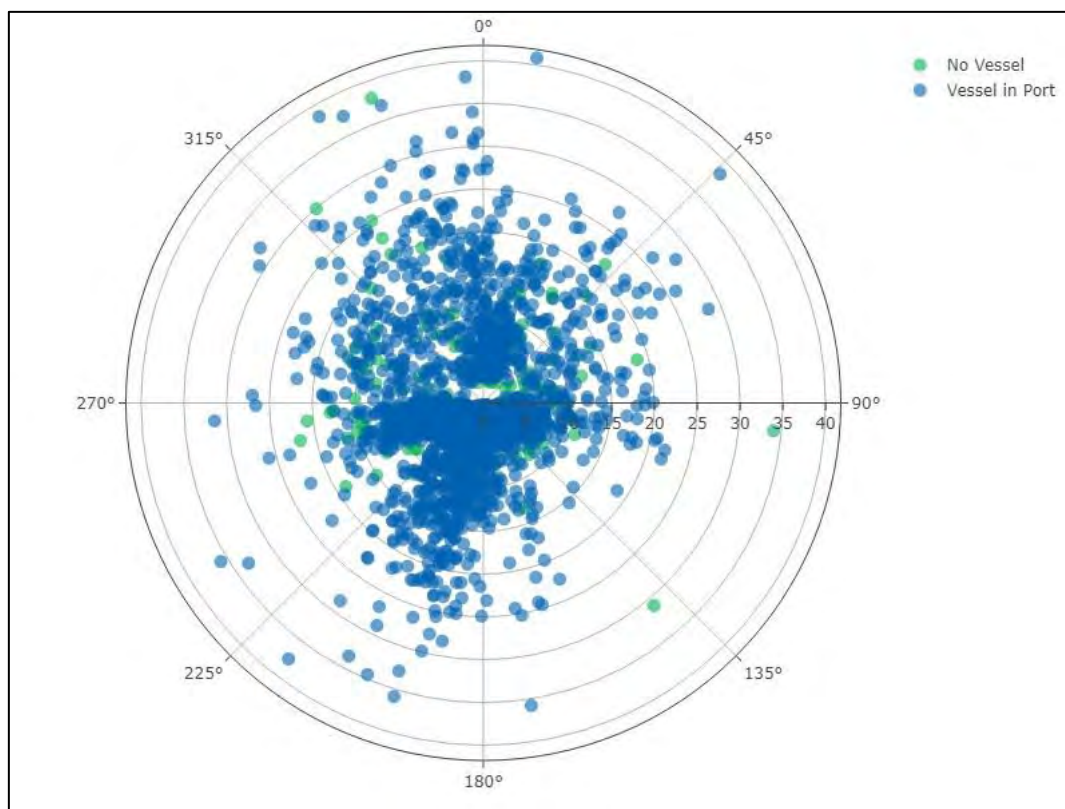


Figure C.6 *Hourly average NO₂ concentration (µg/m³) by wind direction (December 2023 - April 2024)*

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

Table C.3 *Monthly NO₂ concentrations (ppb³)*

Month	Station Pier	Altona North
December 2023	6.1	4.0
January 2024	6.3	4.2
February 2024	7.1	4.3
March 2024	7.9	5.9
April 2024	9.0	7.4
2024 year-to-date	7.6	5.7
All available data	7.3	5.3

C-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 30 April 2024) are presented in Figure C.7 and Figure C.9 respectively, alongside observations from the local EPA Station and the adopted criterion. The hourly average SO₂ concentrations are also shown in Figure C.8 by hourly average wind direction, with colouring indicating the number of vessels present in the port.

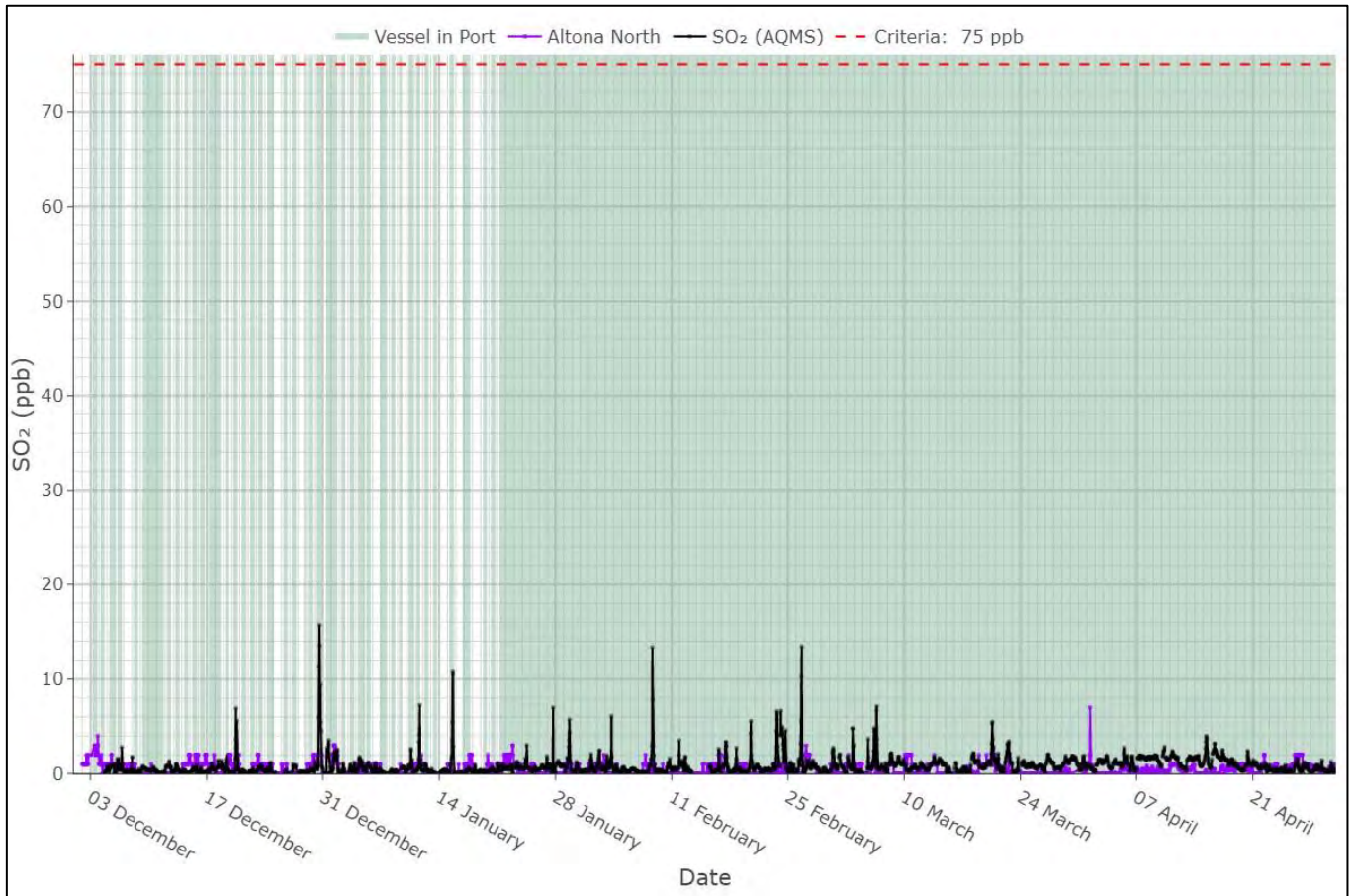


Figure C.7 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - April 2024) (criteria: 75 ppb)

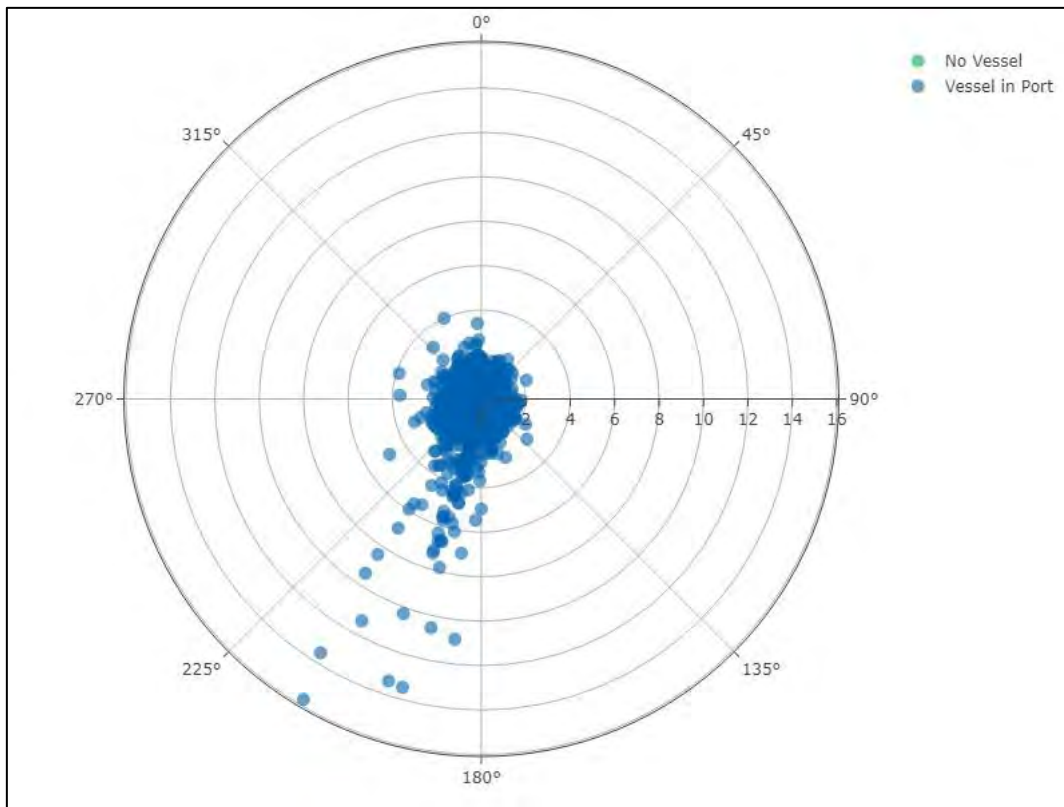


Figure C.8 Hourly average SO_2 concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - April 2024)

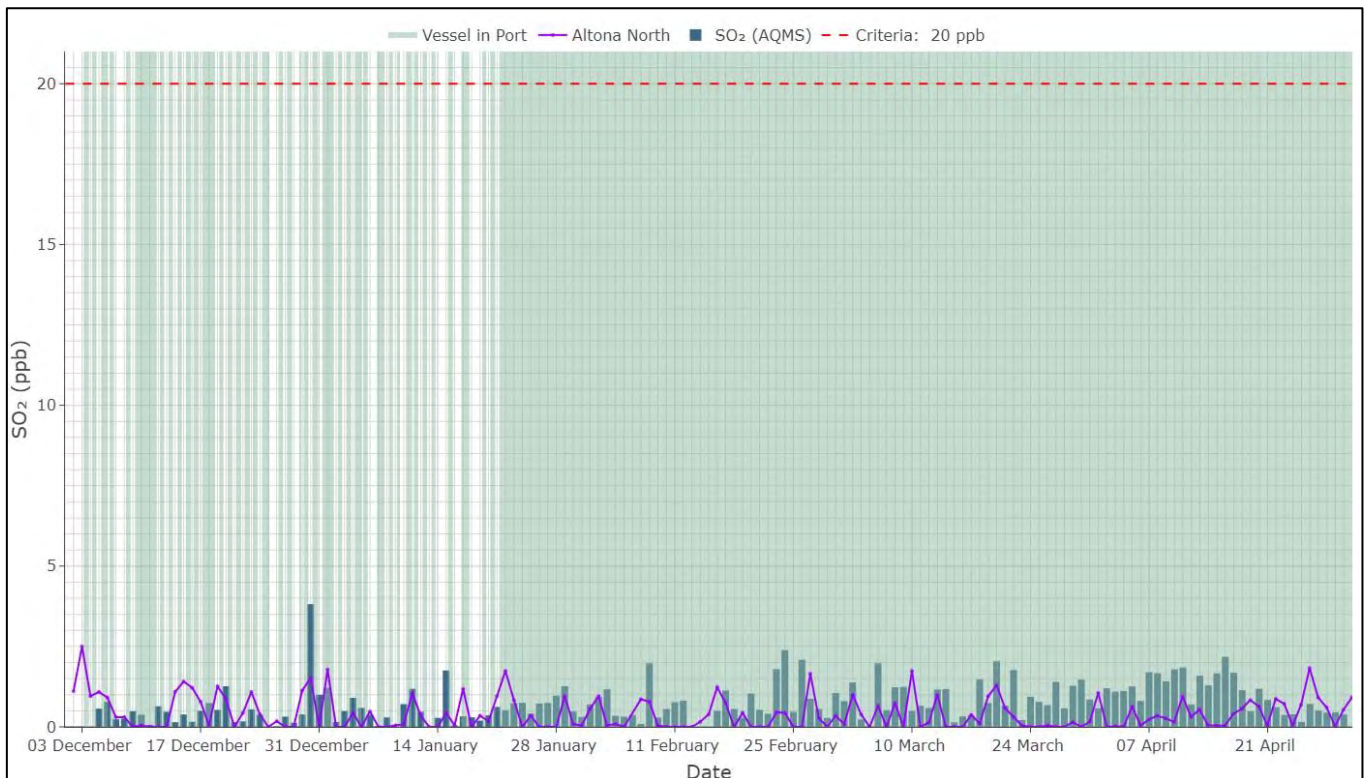


Figure C.9 24-hour average SO_2 concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier and local EPA stations (December 2023 - April 2024) (criteria: $20 \mu\text{g}/\text{m}^3$)

Appendix D

April 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 April to 30th April 2024

Report No: DAT21253

Issue Date: 28th May 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
April 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/04/24 00:05	1.695	17.031	18.726	1.836	17.4	84	0.8	107	04
01/04/24 00:10	1.565	16.776	18.341	1.156	17.4	84	1.1	99	03
01/04/24 00:15	1.216	16.322	17.538	1.086	17.3	84	1.0	99	06
01/04/24 00:20	0.992	15.867	16.859	0.999	17.3	84	1.0	84	10
01/04/24 00:25	0.808	15.721	16.529	0.965	17.4	84	1.1	82	05
01/04/24 00:30	0.692	16.028	16.719	0.917	17.3	84	1.2	92	07
01/04/24 00:35	1.307	16.642	17.949	0.995	17.2	84	1.1	79	10
01/04/24 00:40	2.028	16.881	18.909	1.063	17.2	85	0.8	51	17
01/04/24 00:45	3.131	16.716	19.847	1.069	17.1	84	0.5	46	16
01/04/24 00:50	5.027	16.161	21.189	1.258	16.9	85	0.6	39	06
01/04/24 00:55	5.367	16.711	22.079	1.267	16.9	85	0.6	50	12
01/04/24 01:00	5.320	17.175	22.495	1.331	16.8	86	0.6	38	09
01/04/24 01:05					16.8	86	0.9	30	08
01/04/24 01:10					16.6	87	1.0	27	11
01/04/24 01:15					16.6	87	0.9	27	11
01/04/24 01:20					16.4	88	1.1	24	09
01/04/24 01:25					16.4	89	1.3	16	08
01/04/24 01:30					16.3	89	1.4	6	07
01/04/24 01:35					16.4	89	1.2	357	13
01/04/24 01:40					16.5	88	1.2	1	08
01/04/24 01:45					16.4	88	1.2	2	09
01/04/24 01:50					16.4	89	1.1	2	10
01/04/24 01:55					16.2	89	0.9	342	15
01/04/24 02:00					16.4	90	1.2	340	22
01/04/24 02:05	25.537	25.397	50.933	1.164	16.6	89	1.4	352	20
01/04/24 02:10	24.392	24.893	49.284	0.995	16.5	88	1.7	358	14
01/04/24 02:15	23.976	24.549	48.525	0.924	16.4	89	1.4	350	22
01/04/24 02:20	23.076	24.507	47.583	1.058	16.5	89	1.4	332	22
01/04/24 02:25	18.976	24.571	43.547	1.050	16.5	88	1.3	344	31
01/04/24 02:30	12.411	24.273	36.684	0.997	16.6	88	1.6	343	18
01/04/24 02:35									
01/04/24 02:40									
01/04/24 02:45									
01/04/24 02:50									
01/04/24 02:55									
01/04/24 03:00									
01/04/24 03:05									
01/04/24 03:10									
01/04/24 03:15									
01/04/24 03:20									
01/04/24 03:25									
01/04/24 03:30									
01/04/24 03:35									
01/04/24 03:40	11.806	23.503	35.309	0.732	16.6	88	0.6	333	31
01/04/24 03:45	11.259	23.343	34.602	0.662	16.5	88	1.0	330	25
01/04/24 03:50	10.084	23.051	33.134	0.674	16.6	89	1.0	329	30
01/04/24 03:55	7.276	23.919	31.195	0.703	16.6	88	1.5	348	17
01/04/24 04:00	4.053	24.428	28.482	0.585	16.7	88	1.1	355	22
01/04/24 04:05	4.186	23.616	27.802	0.828	16.7	88	1.0	15	18
01/04/24 04:10	4.729	23.449	28.178	0.939	16.4	88	0.7	32	18
01/04/24 04:15	5.463	23.256	28.719	0.805	16.2	89	0.5	75	12
01/04/24 04:20	5.353	23.153	28.505	0.700	16.2	89	0.7	92	08
01/04/24 04:25	5.134	22.998	28.132	0.769	16.1	90	1.0	101	03
01/04/24 04:30	5.449	22.706	28.155	0.764	16.2	89	1.0	96	04
01/04/24 04:35	5.941	22.213	28.154	0.805	16.0	90	0.7	83	05
01/04/24 04:40	6.431	21.909	28.340	0.858	16.0	90	0.5	69	19
01/04/24 04:45	6.814	21.626	28.440	0.770	15.9	91	0.4	355	15
01/04/24 04:50	7.110	21.217	28.327	0.783	15.9	90	0.4	12	28
01/04/24 04:55	6.985	20.778	27.762	0.776	15.9	90	0.6	62	05
01/04/24 05:00	6.157	20.576	26.732	0.646	15.8	89	0.6	44	17
01/04/24 05:05	5.694	20.607	26.301	0.723	15.9	89	1.2	35	05
01/04/24 05:10	5.719	20.651	26.369	0.642	15.9	88	1.3	33	05
01/04/24 05:15	5.612	20.398	26.011	0.729	15.9	89	1.3	27	09
01/04/24 05:20	5.077	20.429	25.506	0.840	15.9	89	1.3	43	07
01/04/24 05:25	4.780	20.496	25.277	0.994	15.8	89	1.2	56	05
01/04/24 05:30	4.471	20.524	24.995	0.931	15.8	89	1.2	68	06
01/04/24 05:35	4.268	20.758	25.026	0.928	15.8	89	1.1	52	11
01/04/24 05:40	4.105	20.548	24.653	0.869	15.9	89	1.2	46	11
01/04/24 05:45	3.547	20.022	23.568	0.856	16.0	88	1.3	40	08
01/04/24 05:50	3.116	19.546	22.662	0.814	15.9	88	1.0	29	13
01/04/24 05:55	2.813	19.166	21.979	0.853	16.0	88	0.9	35	13
01/04/24 06:00	2.540	18.834	21.374	0.963	16.0	89	0.6	344	26
01/04/24 06:05	2.065	18.400	20.465	0.767	16.0	89	0.3	36	33
01/04/24 06:10	1.665	18.102	19.767	0.706	16.1	88	0.9	57	05
01/04/24 06:15	1.545	18.141	19.686	0.820	16.1	88	1.2	52	05
01/04/24 06:20	1.549	18.395	19.944	0.838	16.0	88	1.1	34	08
01/04/24 06:25	2.472	18.987	21.458	0.911	16.0	88	1.0	39	07
01/04/24 06:30	2.586	19.062	21.648	0.913	16.1	88	1.4	58	13
01/04/24 06:35	2.198	18.856	21.054	0.841	16.0	88	1.0	89	09
01/04/24 06:40	2.026	18.705	20.730	0.685	16.1	88	1.1	67	12
01/04/24 06:45	1.643	17.779	19.422	0.673	16.2	87	1.8	57	12
01/04/24 06:50	1.301	15.796	17.097	0.644	16.4	86	1.8	51	11
01/04/24 06:55	1.098	13.559	14.657	0.800	16.3	85	2.1	48	10
01/04/24 07:00	0.884	10.955	11.839	0.848	16.4	83	2.2	53	12
01/04/24 07:05	0.573	9.170	9.743	0.906	16.6	80	3.1	56	11
01/04/24 07:10	0.470	9.037	9.506	0.982	16.6	78	3.4	55	10
01/04/24 07:15	0.393	8.808	9.201	1.039	16.7	77	3.2	54	12
01/04/24 07:20	0.376	8.547	8.923	0.940	16.7	77	2.6	48	10
01/04/24 07:25	0.399	8.428	8.827	0.850	16.7	77	2.5	45	11
01/04/24 07:30	0.459	8.467	8.927	0.823	16.6	78	2.4	51	10
01/04/24 07:35	0.702	8.961	9.663	0.820	16.5	77	2.0	60	14
01/04/24 07:40	1.614	9.742	11.355	0.792	16.6	75	2.0	53	13
01/04/24 07:45	1.547	8.897	10.444	0.685	16.6	75	1.9	51	11
01/04/24 07:50	1.351	8.576	9.928	0.570	16.7	73	2.2	55	12
01/04/24 07:55	0.948	7.916	8.864	0.638	16.7	71	2.4	56	11
01/04/24 08:00	0.817	7.493	8.310	0.747	16.9	70	2.3	48	14
01/04/24 08:05	0.880	7.456	8.336	0.790	16.8	71	1.8	34	10
01/04/24 08:10	2.411	7.524	9.936	0.797	16.9	70	1.6	30	13
01/04/24 08:15	2.395	8.164	10.559	0.744	17.0	69	1.3	19	15
01/04/24 08:20	1.835	8.264	10.099	0.711	17.1	69	1.0	24	17
01/04/24 08:25	1.751	8.755	10.506	0.849	17.2	70	0.9	45	31
01/04/24 08:30	2.062	9.273	11.335	0.588	17.2	70	1.1	42	27
01/04/24 08:35	2.288	9.556	11.844	0.683	17.3	70	0.9	45	17
01/04/24 08:40	2.892	10.116	13.008	0.721	17.7	70	0.9	55	22

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/04/24 08:45	4.239	18.446	22.685	0.665	18.3	70	0.6	43	29
01/04/24 08:50	9.334	19.875	29.209	0.782	18.7	70	0.4	4	52
01/04/24 08:55	13.100	17.067	30.168	0.744	18.8	65	0.5	25	40
01/04/24 09:00	11.354	15.017	26.371	0.618	19.3	62	0.4	75	50
01/04/24 09:05	9.273	13.849	23.122	0.698	19.7	64	0.2	244	73
01/04/24 09:10	9.472	14.870	24.343	0.774	19.7	63	0.7	288	21
01/04/24 09:15	10.130	15.708	25.838	0.717	19.3	64	0.8	268	14
01/04/24 09:20	11.226	16.602	27.828	0.994	19.4	66	0.6	225	31
01/04/24 09:25	12.344	18.109	30.453	0.974	19.9	64	0.5	208	20
01/04/24 09:30	12.591	18.160	30.750	1.079	19.9	64	0.8	222	04
01/04/24 09:35	11.934	16.654	28.588	0.907	19.8	64	0.6	219	14
01/04/24 09:40	11.093	16.050	27.143	0.826	19.8	66	0.4	207	34
01/04/24 09:45	10.267	15.447	25.714	0.858	19.9	66	0.2	187	37
01/04/24 09:50	9.495	15.011	24.506	1.010	20.0	67	0.3	223	30
01/04/24 09:55	8.692	14.275	22.967	0.946	20.1	67	0.3	227	32
01/04/24 10:00	8.041	13.979	22.020	0.889	20.1	67	0.3	260	40
01/04/24 10:05	7.339	13.521	20.860	0.758	20.4	65	0.3	173	71
01/04/24 10:10	6.637	12.812	19.449	0.733	21.1	59	0.7	47	48
01/04/24 10:15	5.860	11.243	17.104	0.768	22.2	48	1.0	20	38
01/04/24 10:20	5.290	10.083	15.373	0.923	23.6	43	1.0	20	34
01/04/24 10:25	4.765	9.875	14.640	0.911	24.4	39	2.1	8	22
01/04/24 10:30	4.127	8.724	12.850	0.757	24.8	37	2.2	16	25
01/04/24 10:35	3.643	8.279	11.922	0.890	25.3	36	2.1	16	21
01/04/24 10:40	3.205	8.209	11.414	0.612	25.7	32	3.4	21	21
01/04/24 10:45	2.744	7.526	10.270	0.547	26.3	30	3.2	18	24
01/04/24 10:50	2.369	6.858	9.227	0.404	26.5	29	3.3	24	23
01/04/24 10:55	2.018	6.519	8.537	0.190	26.5	29	2.8	24	22
01/04/24 11:00	1.745	6.174	7.919	0.111	26.7	28	3.5	21	19
01/04/24 11:05	1.540	5.829	7.369	0.109	27.0	28	2.9	16	24
01/04/24 11:10	1.521	5.714	7.235	0.149	27.4	27	3.2	13	20
01/04/24 11:15	1.671	5.663	7.334	0.286	27.9	26	3.4	15	22
01/04/24 11:20	1.928	5.887	7.815	0.315	28.3	26	3.6	13	21
01/04/24 11:25	1.836	5.534	7.370	0.344	28.5	25	5.0	21	18
01/04/24 11:30	1.556	5.095	6.651	0.378	28.6	25	4.4	22	20
01/04/24 11:35	1.337	4.597	5.934	0.465	28.8	25	4.3	13	24
01/04/24 11:40	1.241	4.565	5.806	0.655	29.2	25	3.7	4	21
01/04/24 11:45	1.158	4.587	5.744	0.682	29.3	26	4.3	9	24
01/04/24 11:50	1.090	4.743	5.833	0.663	29.2	26	5.6	7	19
01/04/24 11:55	0.967	4.637	5.603	0.765	29.0	27	4.5	13	20
01/04/24 12:00	0.891	4.434	5.324	0.814	28.8	29	5.2	8	19
01/04/24 12:05	0.899	4.446	5.345	0.554	28.3	32	4.3	6	20
01/04/24 12:10	0.839	4.619	5.458	0.654	28.0	34	4.2	16	22
01/04/24 12:15	0.704	4.603	5.307	0.676	27.5	35	4.8	11	18
01/04/24 12:20	0.793	4.586	5.379	0.599	27.2	37	4.1	1	20
01/04/24 12:25	0.816	5.096	5.912	0.556	27.0	37	3.8	15	21
01/04/24 12:30	0.718	5.171	5.889	0.583	26.8	38	3.8	16	23
01/04/24 12:35	0.635	5.079	5.713	0.486	26.4	40	3.4	6	25
01/04/24 12:40	0.581	5.338	5.919	0.328	26.3	41	2.5	6	28
01/04/24 12:45	0.686	5.648	6.334	0.353	26.2	42	3.0	20	20
01/04/24 12:50	0.865	5.821	6.686	0.349	26.2	43	2.7	344	31
01/04/24 12:55	0.819	6.388	7.207	0.313	26.0	47	2.5	9	25
01/04/24 13:00	1.041	7.326	8.367	0.395	25.6	50	3.8	31	16
01/04/24 13:05	1.127	7.877	9.004	0.425	25.5	51	2.9	18	19
01/04/24 13:10	1.119	7.970	9.089	0.424	25.5	51	3.0	25	24
01/04/24 13:15	1.119	7.997	9.116	0.489	25.7	50	4.1	9	23
01/04/24 13:20	1.106	7.792	8.898	0.595	25.9	51	3.9	5	25
01/04/24 13:25	1.176	7.980	9.156	0.399	25.6	53	3.7	4	26
01/04/24 13:30	1.146	7.888	9.035	0.427	25.6	53	2.9	15	26
01/04/24 13:35	1.122	7.346	8.467	0.589	25.3	57	4.3	15	23
01/04/24 13:40	1.068	6.559	7.627	0.427	24.5	62	4.9	27	19
01/04/24 13:45	0.992	5.882	6.875	0.277	23.9	64	3.9	30	18
01/04/24 13:50	0.871	5.617	6.488	0.461	23.8	64	4.4	28	18
01/04/24 13:55	0.850	5.343	6.193	0.342	23.3	63	4.8	27	19
01/04/24 14:00	0.901	5.185	6.087	0.376	23.1	63	5.4	29	17
01/04/24 14:05	1.155	5.235	6.389	0.494	23.0	64	3.9	27	18
01/04/24 14:10	1.146	5.249	6.395	0.502	23.0	66	4.3	28	17
01/04/24 14:15	1.097	5.389	6.486	0.547	23.3	66	3.9	31	18
01/04/24 14:20	1.102	5.569	6.671	0.541	23.3	66	2.5	28	14
01/04/24 14:25	1.184	5.948	7.132	0.579	23.5	67	1.9	30	20
01/04/24 14:30	1.480	6.438	7.918	0.459	23.6	66	2.0	28	22
01/04/24 14:35	1.535	6.718	8.253	0.384	23.9	66	3.7	28	20
01/04/24 14:40	1.474	6.585	8.059	0.434	23.7	67	2.8	36	14
01/04/24 14:45	1.605	6.805	8.410	0.435	23.8	68	2.4	38	16
01/04/24 14:50	1.602	7.068	8.670	0.315	24.0	68	2.4	29	19
01/04/24 14:55	1.521	7.172	8.693	0.451	24.0	68	1.9	22	20
01/04/24 15:00	1.433	7.199	8.632	0.449	24.1	68	3.4	41	12
01/04/24 15:05	1.284	6.995	8.280	0.662	24.0	68	3.2	34	15
01/04/24 15:10	1.269	7.038	8.307	0.658	23.9	68	3.1	31	15
01/04/24 15:15	1.146	7.036	8.182	0.674	24.1	65	4.0	25	17
01/04/24 15:20	1.080	6.778	7.858	0.645	24.1	65	4.3	46	11
01/04/24 15:25	1.123	6.638	7.761	0.674	24.0	66	3.8	41	16
01/04/24 15:30	0.976	6.446	7.423	0.683	24.0	66	4.0	42	14
01/04/24 15:35	0.834	6.288	7.122	0.720	23.9	66	3.1	43	14
01/04/24 15:40	0.993	6.239	7.232	0.779	23.9	67	3.3	33	17
01/04/24 15:45	1.107	5.973	7.080	0.717	23.8	67	3.8	32	17
01/04/24 15:50	0.954	5.155	6.108	0.673	23.8	66	3.6	43	13
01/04/24 15:55	0.803	4.925	5.727	0.747	23.8	64	3.3	45	14
01/04/24 16:00	0.761	4.845	5.606	0.658	23.8	63	3.3	45	13
01/04/24 16:05	0.760	5.067	5.827	0.696	23.8	61	3.5	40	14
01/04/24 16:10	0.903	5.117	6.021	0.723	24.0	59	3.2	37	13
01/04/24 16:15	0.874	4.967	5.841	0.707	24.0	59	3.5	39	14
01/04/24 16:20	0.800	4.870	5.669	0.655	24.1	59	2.7	41	14
01/04/24 16:25	0.701	4.897	5.598	0.546	24.3	59	2.0	47	17
01/04/24 16:30	0.625	5.029	5.654	0.484	24.2	59	2.6	54	13
01/04/24 16:35	0.525	5.269	5.794	0.371	24.2	59	1.9	55	15
01/04/24 16:40	0.517	5.571	6.089	0.316	24.2	59	1.7	60	16
01/04/24 16:45	0.480	5.957	6.437	0.367	24.2	59	1.9	57	15
01/04/24 16:50	0.381	6.555	6.936	0.403	24.1	60	1.4	65	15
01/04/24 16:55	0.366	7.289	7.655	0.393	24.0	61	0.7	79	24
01/04/24 17:00	0.371	7.902	8.273	0.376	23.9	62	1.0	98	09
01/04/24 17:05	0.476	8.318	8.795	0.336	23.8	62	0.8	87	12
01/04/24 17:10	0.604	8.758	9.362	0.329	23.8	63	0.7	78	13
01/04/24 17:15	0.541	9.548	10.088	0.261	23.7	64	0.8	30	32
01/04/24 17:20	0.523	10.630	11.153	0.458	23.6	65	1.6	328	22

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/04/24 17:25	0.412	10.969	11.382	0.501	23.0	69	2.2	329	30
01/04/24 17:30	0.375	11.071	11.446	0.529	22.6	74	2.4	316	26
01/04/24 17:35	0.408	10.929	11.338	0.596	22.4	76	2.7	304	21
01/04/24 17:40	0.463	11.828	12.291	0.490	22.4	77	2.7	306	13
01/04/24 17:45	0.426	12.954	13.380	0.368	22.2	79	2.3	305	14
01/04/24 17:50	0.374	13.575	13.949	0.422	22.0	81	0.5	341	62
01/04/24 17:55	0.419	14.325	14.744	0.229	21.6	85	1.0	51	21
01/04/24 18:00	0.759	16.005	16.764	0.307	21.3	87	1.0	345	40
01/04/24 18:05	1.016	17.993	19.009	0.351	21.3	87	2.6	304	08
01/04/24 18:10	1.535	25.909	27.444	0.467	21.2	90	1.2	19	48
01/04/24 18:15	1.884	26.792	28.676	0.391	20.9	92	1.8	71	17
01/04/24 18:20	1.777	23.283	25.060	0.231	20.8	93	2.0	85	12
01/04/24 18:25	1.479	18.805	20.284	0.159	20.8	93	2.4	95	11
01/04/24 18:30	1.209	17.011	18.220	0.285	20.7	94	2.6	105	06
01/04/24 18:35	0.950	13.940	14.891	0.380	20.7	94	2.5	100	07
01/04/24 18:40	0.682	11.382	12.064	0.360	20.7	94	2.8	102	07
01/04/24 18:45	0.501	10.430	10.931	0.278	20.6	94	2.4	100	08
01/04/24 18:50	0.403	10.210	10.613	0.150	20.5	94	1.8	94	08
01/04/24 18:55	0.328	10.050	10.378	0.250	20.6	95	1.5	82	12
01/04/24 19:00	0.257	10.093	10.350	0.331	20.4	94	2.1	74	13
01/04/24 19:05	0.260	10.252	10.512	0.294	20.5	94	1.7	85	12
01/04/24 19:10	0.228	10.329	10.557	0.192	20.5	94	1.3	100	15
01/04/24 19:15	0.209	10.280	10.489	0.233	20.5	94	1.0	105	13
01/04/24 19:20	0.174	10.230	10.404	0.212	20.3	94	1.5	97	14
01/04/24 19:25	0.193	10.029	10.222	0.260	20.5	94	1.6	83	13
01/04/24 19:30	0.234	9.957	10.191	0.289	20.3	94	1.3	68	16
01/04/24 19:35	0.253	10.171	10.424	0.377	20.5	93	1.4	63	10
01/04/24 19:40	0.265	10.467	10.731	0.464	20.4	93	0.6	302	64
01/04/24 19:45	0.275	10.882	11.156	0.418	20.6	93	5.4	243	05
01/04/24 19:50	0.239	11.023	11.262	0.405	20.6	94	5.0	232	05
01/04/24 19:55	0.164	10.542	10.706	0.304	20.7	94	1.5	205	18
01/04/24 20:00	0.055	10.176	10.231	0.320	20.5	93	0.7	246	25
01/04/24 20:05	0.018	10.042	10.060	0.320	20.6	93	0.5	57	42
01/04/24 20:10	0.038	10.398	10.436	0.254	20.6	93	1.4	223	15
01/04/24 20:15	0.159	12.428	12.587	0.320	20.7	92	2.0	269	29
01/04/24 20:20	0.296	14.057	14.353	0.183	20.8	89	1.1	338	38
01/04/24 20:25	0.342	15.095	15.437	0.227	20.8	92	1.1	40	16
01/04/24 20:30	0.378	15.631	16.008	0.289	20.7	93	1.6	303	26
01/04/24 20:35	0.387	15.619	16.007	0.275	20.6	94	4.4	269	09
01/04/24 20:40	0.928	16.194	17.121	0.301	20.4	96	5.7	252	07
01/04/24 20:45	1.151	10.118	11.269	0.209	20.3	97	4.0	246	10
01/04/24 20:50	0.782	5.914	6.695	0.224	20.1	97	2.7	258	15
01/04/24 20:55	0.707	5.521	6.228	0.175	20.1	97	1.8	245	21
01/04/24 21:00	0.575	5.554	6.129	0.161	20.0	97	1.3	205	20
01/04/24 21:05	0.445	5.921	6.365	0.221	19.9	97	1.3	219	12
01/04/24 21:10	0.389	6.223	6.611	0.205	19.8	97	0.7	239	20
01/04/24 21:15	0.325	6.245	6.570	0.288	19.8	98	0.7	132	27
01/04/24 21:20	0.251	6.063	6.313	0.179	19.8	98	1.2	105	08
01/04/24 21:25	0.279	5.915	6.194	0.156	19.7	98	0.5	55	38
01/04/24 21:30	0.383	5.833	6.216	0.173	19.8	98	1.1	317	13
01/04/24 21:35	0.319	6.262	6.581	0.089	19.7	98	0.4	79	62
01/04/24 21:40	0.133	6.672	6.805	0.297	19.9	98	0.8	68	09
01/04/24 21:45	0.176	6.894	7.071	0.488	19.7	98	0.3	52	48
01/04/24 21:50	0.134	7.089	7.223	0.332	19.6	98	0.4	161	40
01/04/24 21:55	0.039	7.391	7.430	0.260	19.6	98	0.8	156	18
01/04/24 22:00	0.069	7.503	7.572	0.223	19.5	98	0.6	257	28
01/04/24 22:05	-0.024	7.493	7.469	0.284	19.5	98	1.0	217	07
01/04/24 22:10	-0.027	7.261	7.234	0.356	19.6	99	1.7	242	08
01/04/24 22:15	-0.027	7.306	7.278	0.427	19.6	99	1.5	270	16
01/04/24 22:20	-0.016	7.650	7.634	0.228	19.6	99	1.2	307	17
01/04/24 22:25	0.138	8.015	8.153	0.374	19.6	99	0.8	4	21
01/04/24 22:30	0.123	8.500	8.623	0.264	19.6	99	1.2	340	15
01/04/24 22:35	0.153	9.358	9.511	0.238	19.6	99	1.0	42	24
01/04/24 22:40	0.158	11.442	11.600	0.260	19.5	99	0.7	77	17
01/04/24 22:45	0.055	15.672	15.727	0.330	19.5	99	0.5	69	16
01/04/24 22:50	0.079	17.977	18.056	0.588	19.4	99	0.6	36	18
01/04/24 22:55	0.164	18.317	18.480	0.493	19.4	99	1.1	39	06
01/04/24 23:00	1.086	21.393	22.479	0.282	19.4	99	1.2	39	08
01/04/24 23:05	1.782	28.075	29.857	0.266	19.4	99	1.9	60	11
01/04/24 23:10	2.505	29.224	31.729	0.288	19.5	99	1.6	53	11
01/04/24 23:15	3.973	32.441	36.414	0.208	19.4	99	1.3	56	11
01/04/24 23:20	2.804	27.140	29.943	0.306	19.4	99	1.7	54	08
01/04/24 23:25	2.042	26.901	28.943	0.300	19.5	99	1.9	53	08
01/04/24 23:30	1.180	25.780	26.960	0.293	19.4	99	1.9	53	09
01/04/24 23:35	1.002	24.891	25.893	0.299	19.4	99	1.3	57	18
01/04/24 23:40	0.802	23.724	24.526	0.292	19.4	99	1.2	80	18
01/04/24 23:45	0.634	19.736	20.370	0.403	19.4	99	1.5	45	20
01/04/24 23:50	0.613	14.595	15.208	0.574	19.3	99	2.2	59	09
01/04/24 23:55	0.543	13.214	13.757	0.683	19.5	99	2.1	51	12
02/04/24 00:00	0.510	12.854	13.364	0.577	19.4	99	2.0	44	14
02/04/24 00:05	0.460	12.648	13.108	0.525	19.5	99	2.3	18	17
02/04/24 00:10	0.443	12.070	12.512	0.404	19.5	98	2.3	29	27
02/04/24 00:15	0.501	11.043	11.544	0.257	19.5	98	2.0	21	22
02/04/24 00:20	0.476	10.124	10.599	0.274	19.4	97	1.4	10	36
02/04/24 00:25	0.343	9.294	9.636	0.273	19.4	97	1.5	3	33
02/04/24 00:30	0.349	8.898	9.247	0.312	19.5	97	1.5	5	31
02/04/24 00:35	0.247	8.574	8.821	0.259	19.5	97	1.1	330	44
02/04/24 00:40	0.152	8.119	8.271	0.138	19.4	97	1.2	12	28
02/04/24 00:45	0.025	7.705	7.731	0.018	19.5	96	1.6	24	26
02/04/24 00:50	-0.093	7.431	7.338		19.5	97	0.6	348	73
02/04/24 00:55	-0.077	7.634	7.557		19.4	97	3.3	244	17
02/04/24 01:00	0.000	7.295	7.295	0.097	19.0	95	4.6	232	06
02/04/24 01:05					18.3	95	6.0	233	06
02/04/24 01:10					18.1	96	6.8	231	06
02/04/24 01:15					18.1	97	6.9	232	05
02/04/24 01:20					17.9	97	8.1	232	06
02/04/24 01:25					17.5	95	8.8	238	08
02/04/24 01:30					17.1	95	7.1	244	09
02/04/24 01:35					16.8	95	7.6	259	06
02/04/24 01:40					16.6	95	5.5	254	07
02/04/24 01:45					16.4	96	4.5	250	07
02/04/24 01:50					16.4	96	3.8	266	10
02/04/24 01:55					16.3	96	2.7	243	15
02/04/24 02:00					16.2	96	2.6	260	26

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/04/24 02:05	0.155	6.576	6.732	0.779	16.1	95	2.2	280	23
02/04/24 02:10	0.153	6.744	6.897	0.968	16.1	95	1.0	319	24
02/04/24 02:15	0.068	6.200	6.268	0.836	15.9	96	1.3	14	37
02/04/24 02:20	0.125	5.720	5.845	0.810	15.9	97	1.6	108	19
02/04/24 02:25	0.085	5.267	5.352	0.822	15.9	98	0.6	81	67
02/04/24 02:30	-0.003	5.004	5.001	0.880	16.0	97	2.3	302	11
02/04/24 02:35	-0.021	5.585	5.564	1.004	16.0	97	2.1	314	13
02/04/24 02:40	0.138	6.523	6.661	0.959	16.0	98	1.9	287	17
02/04/24 02:45	0.225	7.751	7.976	1.004	16.0	98	2.2	297	11
02/04/24 02:50	0.201	7.986	8.187	0.941	16.1	97	1.7	303	11
02/04/24 02:55	0.155	8.537	8.693	0.990	16.0	97	0.8	274	42
02/04/24 03:00	0.086	9.030	9.117	0.965	16.0	97	1.7	303	15
02/04/24 03:05	0.042	9.355	9.397	1.007	16.0	96	1.7	290	18
02/04/24 03:10	0.176	9.585	9.761	0.991	16.0	95	1.0	288	23
02/04/24 03:15	0.045	9.597	9.642	1.060	16.0	96	0.4	91	56
02/04/24 03:20	0.144	9.611	9.755	0.921	15.8	96	0.6	18	19
02/04/24 03:25	0.061	10.015	10.076	0.902	15.9	97	0.2	224	60
02/04/24 03:30	-0.079	10.158	10.079	0.863	16.0	98	1.2	208	15
02/04/24 03:35	-0.023	10.738	10.715	0.942	16.0	96	1.5	287	31
02/04/24 03:40	0.114	11.387	11.502	0.983	16.0	96	1.3	330	17
02/04/24 03:45	0.088	11.323	11.410	0.946	16.0	96	0.9	273	27
02/04/24 03:50	0.079	11.708	11.787	0.967	15.9	97	1.2	272	18
02/04/24 03:55	0.063	12.182	12.245	0.971	15.9	97	1.0	322	27
02/04/24 04:00	0.021	11.988	12.010	0.854	15.9	96	1.2	4	33
02/04/24 04:05	0.073	11.812	11.885	0.914	15.9	96	1.1	289	36
02/04/24 04:10	0.018	11.611	11.630	0.829	15.7	96	0.8	296	40
02/04/24 04:15	-0.089	11.639	11.550	0.955	15.7	95	1.9	317	07
02/04/24 04:20	-0.004	12.211	12.207	0.967	15.9	96	1.4	318	17
02/04/24 04:25	0.055	12.612	12.667	0.897	15.9	96	0.2	338	85
02/04/24 04:30	0.150	12.770	12.921	0.840	15.8	96	1.3	275	15
02/04/24 04:35	0.263	12.734	12.997	0.881	15.9	95	1.4	279	16
02/04/24 04:40	0.295	12.733	13.028	0.899	16.0	93	0.9	294	22
02/04/24 04:45	0.360	13.541	13.901	0.869	16.0	94	1.3	303	10
02/04/24 04:50	0.262	14.334	14.596	0.840	16.1	94	1.3	320	11
02/04/24 04:55	0.194	14.973	15.167	0.742	16.0	95	1.0	346	20
02/04/24 05:00	0.231	15.408	15.639	0.821	16.0	96	1.1	26	13
02/04/24 05:05	0.433	16.354	16.787	0.917	16.0	97	1.2	38	16
02/04/24 05:10	0.606	17.172	17.778	1.019	16.0	97	1.4	24	15
02/04/24 05:15	0.816	18.556	19.371	1.020	16.0	97	1.1	337	41
02/04/24 05:20	0.996	19.996	20.992	0.935	15.9	96	1.0	311	40
02/04/24 05:25	1.327	21.648	22.974	0.956	16.0	95	0.8	327	58
02/04/24 05:30	1.727	23.696	25.423	1.024	16.1	94	0.4	301	81
02/04/24 05:35	1.813	22.474	24.287	1.024	16.1	94	1.3	16	22
02/04/24 05:40	1.829	23.197	25.026	1.180	16.1	94	1.1	285	51
02/04/24 05:45	1.706	23.350	25.056	1.280	16.2	92	2.2	282	23
02/04/24 05:50	1.565	22.819	24.384	1.152	16.2	91	2.1	306	17
02/04/24 05:55	1.465	22.407	23.872	1.160	16.2	94	2.0	278	18
02/04/24 06:00	1.665	22.380	24.045	1.204	16.0	94	1.5	332	34
02/04/24 06:05	1.855	22.536	24.391	1.205	15.9	96	1.8	351	23
02/04/24 06:10	2.824	25.893	28.717	1.093	15.9	96	2.1	341	27
02/04/24 06:15	10.205	33.403	43.607	0.987	15.9	96	2.1	359	23
02/04/24 06:20	12.280	28.913	41.193	1.100	15.9	96	1.4	1	30
02/04/24 06:25	9.391	24.753	34.145	1.121	15.8	96	2.2	317	34
02/04/24 06:30	5.489	8.886	14.375	1.114	16.3	91	5.8	271	15
02/04/24 06:35	2.607	13.718	16.326	1.071	16.9	88	7.0	258	07
02/04/24 06:40	3.073	15.541	18.614	1.073	17.1	85	6.8	258	08
02/04/24 06:45	3.092	15.446	18.538	1.127	17.0	84	5.1	254	10
02/04/24 06:50	3.358	17.566	20.924	1.059	16.9	84	3.4	272	20
02/04/24 06:55	3.560	16.789	20.349	0.949	16.7	84	2.7	296	17
02/04/24 07:00	2.877	15.254	18.131	1.047	16.5	85	2.5	293	16
02/04/24 07:05	3.713	26.846	30.559	1.151	16.3	85	1.7	308	14
02/04/24 07:10	4.121	24.400	28.522	1.108	16.3	85	1.9	315	24
02/04/24 07:15	3.646	22.215	25.861	1.030	16.2	86	1.9	321	13
02/04/24 07:20	3.510	21.925	25.435	1.090	16.1	86	2.0	316	23
02/04/24 07:25	3.687	21.698	25.384	1.069	16.2	84	2.6	298	13
02/04/24 07:30	4.390	22.474	26.864	1.122	16.3	83	1.9	307	14
02/04/24 07:35	4.360	22.970	27.330	1.113	16.1	84	1.4	327	13
02/04/24 07:40	3.840	22.649	26.489	1.161	16.1	85	1.1	327	19
02/04/24 07:45	3.458	22.545	26.003	1.361	16.1	84	1.8	316	12
02/04/24 07:50	4.190	23.116	27.306	1.409	16.0	85	2.3	313	09
02/04/24 07:55	6.801	24.278	31.079	1.486	16.1	84	2.4	311	10
02/04/24 08:00	17.766	27.084	44.851	1.463	16.1	84	1.7	324	16
02/04/24 08:05	21.368	27.141	48.509	1.425	16.1	85	0.9	312	36
02/04/24 08:10	22.243	27.174	49.416	1.347	16.1	86	1.2	336	28
02/04/24 08:15	21.634	27.063	48.698	1.480	16.0	86	1.5	0	19
02/04/24 08:20	23.253	27.345	50.598	1.502	16.0	86	1.8	325	29
02/04/24 08:25	23.603	27.136	50.740	1.395	16.1	83	1.9	344	26
02/04/24 08:30	22.842	26.836	49.678	1.616	16.2	83	1.9	330	20
02/04/24 08:35	21.337	25.339	46.676	1.748	16.2	82	1.6	335	27
02/04/24 08:40	20.564	25.696	46.261	1.777	16.3	82	1.2	317	25
02/04/24 08:45	21.640	26.281	47.921	1.635	16.2	82	1.7	316	18
02/04/24 08:50	21.234	26.092	47.326	1.496	16.3	82	2.0	305	15
02/04/24 08:55	20.793	25.438	46.230	1.518	16.5	81	2.2	294	18
02/04/24 09:00	12.307	25.240	37.547	1.425	16.5	80	2.1	295	17
02/04/24 09:05	8.557	20.844	29.402	1.376	16.6	79	2.9	291	14
02/04/24 09:10	9.003	20.672	29.675	1.366	16.6	79	2.8	286	17
02/04/24 09:15	9.653	20.292	29.945	1.226	16.8	79	4.2	287	13
02/04/24 09:20	9.052	17.251	26.302	1.429	16.8	79	2.7	288	15
02/04/24 09:25	10.201	21.621	31.822	1.284	16.8	80	3.2	281	17
02/04/24 09:30	10.212	16.602	26.814	1.427	16.9	78	4.1	290	16
02/04/24 09:35	9.358	12.678	22.035	1.658	16.8	79	4.1	286	14
02/04/24 09:40	8.380	9.815	18.195	1.435	16.9	80	3.9	282	16
02/04/24 09:45	8.051	10.406	18.457	1.586	17.0	79	4.3	279	14
02/04/24 09:50	7.904	10.681	18.585	1.603	17.0	79	4.3	279	16
02/04/24 09:55	7.328	10.374	17.703	1.471	17.3	77	4.8	276	11
02/04/24 10:00	6.664	9.631	16.295	1.552	17.2	77	5.5	275	13
02/04/24 10:05	6.287	8.903	15.191	1.441	17.4	76	6.2	271	09
02/04/24 10:10	5.804	8.238	14.042	1.393	17.5	76	6.4	269	11
02/04/24 10:15	5.354	7.694	13.048	1.542	17.6	74	5.5	276	12
02/04/24 10:20	5.034	7.464	12.498	1.564	17.7	75	5.8	270	11
02/04/24 10:25	4.833	7.394	12.227	1.424	17.8	74	7.0	275	08
02/04/24 10:30	4.479	6.820	11.298	1.314	17.8	73	6.7	270	06
02/04/24 10:35	4.486	6.613	11.099	1.402	18.1	74	4.4	285	15
02/04/24 10:40	4.332	6.275	10.606	1.368	18.2	74	4.9	276	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/04/24 10:45	3.847	5.886	9.733	1.448	18.3	72	6.5	281	14
02/04/24 10:50	3.191	5.251	8.443	1.473	18.2	73	6.2	278	12
02/04/24 10:55	2.866	4.946	7.812	1.379	18.2	74	7.9	270	12
02/04/24 11:00	2.478	4.976	7.454	1.396	18.2	74	7.7	273	09
02/04/24 11:05	2.272	5.275	7.547	1.346	18.2	76	8.4	269	08
02/04/24 11:10	2.323	5.675	7.998	1.190	18.2	76	7.8	270	07
02/04/24 11:15	2.370	5.705	8.075	1.161	18.3	75	8.5	267	06
02/04/24 11:20	2.359	5.405	7.764	1.214	18.2	74	8.4	260	06
02/04/24 11:25	2.620	5.898	8.518	1.249	18.4	75	8.0	263	08
02/04/24 11:30	2.740	6.093	8.833	1.258	18.4	75	8.0	265	06
02/04/24 11:35	2.930	6.202	9.132	1.439	18.4	75	7.0	265	09
02/04/24 11:40	3.019	6.295	9.315	1.416	18.4	74	7.9	271	09
02/04/24 11:45	2.882	6.580	9.462	1.228	18.4	74	7.9	261	12
02/04/24 11:50	2.740	6.743	9.483	1.144	18.3	74	7.6	249	07
02/04/24 11:55	2.801	6.676	9.478	1.272	18.2	75	8.3	261	09
02/04/24 12:00	3.073	6.702	9.775	1.241	18.2	74	6.2	261	12
02/04/24 12:05	4.114	9.128	13.242	1.282	18.4	73	5.8	259	10
02/04/24 12:10	4.447	6.350	10.797	1.350	18.7	72	5.8	267	12
02/04/24 12:15	4.285	5.253	9.539	1.296	19.0	70	8.3	270	09
02/04/24 12:20	3.765	4.074	7.838	1.243	19.0	68	8.5	259	08
02/04/24 12:25	3.464	4.226	7.690	1.214	19.1	67	7.5	250	05
02/04/24 12:30	3.082	3.437	6.519	1.269	19.2	68	8.0	254	09
02/04/24 12:35	3.361	5.440	8.801	1.338	19.5	66	8.7	262	08
02/04/24 12:40	3.096	3.856	6.953	1.338	19.5	66	8.6	267	06
02/04/24 12:45	2.889	4.323	7.212	1.331	19.7	65	8.4	262	07
02/04/24 12:50	2.847	4.731	7.577	1.193	19.7	65	8.8	254	07
02/04/24 12:55	2.864	5.197	8.061	1.445	19.5	67	9.1	263	07
02/04/24 13:00	2.586	5.117	7.704	1.497	19.5	67	8.5	270	10
02/04/24 13:05	2.665	5.109	7.774	1.451	19.5	66	8.0	269	10
02/04/24 13:10	2.706	4.999	7.705	1.487	19.6	65	7.8	272	09
02/04/24 13:15	2.552	4.663	7.215	1.407	19.6	64	8.5	266	09
02/04/24 13:20	2.699	4.655	7.354	1.366	19.5	66	8.8	264	07
02/04/24 13:25	2.827	4.953	7.780	1.378	19.6	66	8.1	256	11
02/04/24 13:30	2.964	5.204	8.169	1.496	19.7	65	8.5	260	09
02/04/24 13:35	3.054	5.192	8.246	1.626	19.8	65	8.9	263	06
02/04/24 13:40	2.924	5.006	7.930	1.552	19.9	64	7.7	260	08
02/04/24 13:45	3.110	5.219	8.329	1.487	20.2	64	7.3	254	11
02/04/24 13:50	3.198	5.844	9.042	1.646	20.3	62	8.9	267	07
02/04/24 13:55	2.952	5.665	8.618	1.536	20.4	62	9.7	265	07
02/04/24 14:00	2.895	5.402	8.297	1.425	20.4	63	8.2	264	06
02/04/24 14:05	2.951	5.532	8.483	1.479	20.3	63	8.0	252	11
02/04/24 14:10	2.651	3.015	5.665	1.562	20.3	62	8.8	248	08
02/04/24 14:15	2.409	2.473	4.882	1.394	20.3	62	7.6	254	11
02/04/24 14:20	2.448	4.108	6.557	1.330	20.4	63	8.0	262	09
02/04/24 14:25	2.368	4.646	7.013	1.194	20.3	63	8.5	258	07
02/04/24 14:30	2.447	5.308	7.755	1.352	20.4	63	9.2	252	08
02/04/24 14:35	2.139	3.912	6.051	1.573	20.3	63	9.5	258	09
02/04/24 14:40	2.141	3.822	5.963	1.626	20.4	62	8.3	255	07
02/04/24 14:45	2.472	4.726	7.198	1.780	20.6	62	7.3	251	08
02/04/24 14:50	2.403	3.985	6.388	1.708	20.6	63	8.2	242	08
02/04/24 14:55	2.014	2.219	4.234	1.713	20.6	64	7.1	259	08
02/04/24 15:00	2.227	5.974	8.201	1.698	20.6	65	8.6	268	05
02/04/24 15:05	2.111	3.601	5.712	1.483	20.2	66	8.4	262	05
02/04/24 15:10	1.962	3.959	5.921	1.319	20.3	65	7.5	264	07
02/04/24 15:15	1.779	4.367	6.146	1.374	20.4	65	7.7	264	09
02/04/24 15:20	1.779	4.386	6.165	1.541	20.4	65	8.2	243	09
02/04/24 15:25	1.558	3.266	4.824	1.410	20.5	63	9.2	252	08
02/04/24 15:30	1.303	3.443	4.747	1.244	20.6	63	9.7	256	09
02/04/24 15:35	1.398	4.448	5.846	1.286	20.4	66	10.6	256	07
02/04/24 15:40	1.295	4.275	5.570	1.252	20.0	69	9.1	251	09
02/04/24 15:45	1.512	4.374	5.885	1.364	19.9	70	7.8	258	09
02/04/24 15:50	2.016	4.720	6.737	1.384	20.1	68	7.3	259	08
02/04/24 15:55	2.129	4.651	6.780	1.436	20.3	66	8.1	252	07
02/04/24 16:00	2.182	4.736	6.918	1.476	20.5	65	8.3	252	07
02/04/24 16:05	2.006	4.648	6.654	1.442	20.4	66	8.5	252	05
02/04/24 16:10	1.790	4.459	6.250	1.516	20.5	66	6.8	250	09
02/04/24 16:15	1.928	4.594	6.522	1.561	20.5	66	7.4	248	07
02/04/24 16:20	2.009	5.457	7.466	1.711	20.5	67	8.8	256	09
02/04/24 16:25	1.983	5.275	7.257	1.465	20.4	67	8.6	254	06
02/04/24 16:30	1.842	4.894	6.736	1.507	20.3	68	7.6	244	08
02/04/24 16:35	1.504	1.984	3.488	1.568	19.7	76	7.2	211	19
02/04/24 16:40	1.654	3.850	5.504	1.523	18.8	82	6.6	196	07
02/04/24 16:45	1.373	0.140	1.513	1.392	18.3	86	8.6	205	07
02/04/24 16:50			1.285		18.0	91	10.3	219	05
02/04/24 16:55	0.737	0.199	0.936	1.299	17.4	94	7.7	211	05
02/04/24 17:00	0.796	0.826	1.621	1.346	17.3	94	6.7	216	04
02/04/24 17:05	0.764	1.032	1.795	1.329	17.3	93	5.5	221	04
02/04/24 17:10	0.808	1.460	2.269	1.213	17.6	90	4.6	207	05
02/04/24 17:15	1.735	4.730	6.465	1.135	17.9	88	4.8	211	05
02/04/24 17:20	3.336	8.670	12.007	1.084	18.0	88	4.2	213	08
02/04/24 17:25	2.873	5.016	7.889	1.041	18.3	87	5.5	210	06
02/04/24 17:30	2.612	7.321	9.933	1.058	18.3	86	5.5	210	05
02/04/24 17:35	2.399	4.286	6.685	1.087	18.2	88	4.6	214	09
02/04/24 17:40	1.972	0.131	2.103	1.138	18.3	86	8.1	215	05
02/04/24 17:45	1.544	0.101	1.645	1.164	18.5	86	7.9	218	04
02/04/24 17:50	1.400	1.094	2.495	1.155	18.4	87	7.3	213	05
02/04/24 17:55	2.435	12.942	15.378	1.202	18.2	87	6.8	217	05
02/04/24 18:00	2.145	0.092	2.237	1.294	18.1	88	6.0	216	05
02/04/24 18:05	1.308	2.767	4.075	1.285	18.2	86	5.6	215	07
02/04/24 18:10	1.341	3.390	4.731	1.196	18.5	85	5.8	223	06
02/04/24 18:15	0.921	1.102	2.023	1.170	18.5	85	5.5	224	06
02/04/24 18:20	0.563	1.007	1.570	0.967	18.5	84	5.8	231	08
02/04/24 18:25	1.120	2.945	4.065	0.955	18.7	82	6.3	236	08
02/04/24 18:30	0.932	2.229	3.161	1.044	18.7	77	6.8	248	10
02/04/24 18:35	0.724	2.877	3.602	1.104	18.7	75	6.2	242	08
02/04/24 18:40	0.648	3.220	3.868	1.115	18.7	74	6.2	249	05
02/04/24 18:45	0.560	3.224	3.785	1.127	18.6	73	6.4	245	11
02/04/24 18:50	0.544	3.571	4.115	0.997	18.6	74	6.4	243	08
02/04/24 18:55	0.563	3.543	4.106	1.098	18.6	74	7.1	242	07
02/04/24 19:00	0.433	3.627	4.060	1.024	18.6	73	6.6	248	07
02/04/24 19:05	0.381	4.051	4.432	0.929	18.5	73	6.8	250	09
02/04/24 19:10	0.448	4.193	4.641	0.981	18.4	72	6.6	248	07
02/04/24 19:15	0.499	4.453	4.952	0.961	18.3	73	7.3	247	06
02/04/24 19:20	0.505	4.707	5.212	1.032	18.3	73	7.8	247	08

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/04/24 19:25	0.486	4.686	5.172	1.060	18.2	72	8.7	249	07
02/04/24 19:30	0.632	4.938	5.570	1.117	18.0	73	8.3	256	06
02/04/24 19:35	1.026	5.747	6.772	1.205	17.9	72	8.9	254	07
02/04/24 19:40	0.881	5.204	6.085	1.246	17.8	73	8.8	251	08
02/04/24 19:45	0.767	4.142	4.909	1.316	17.6	74	9.0	251	07
02/04/24 19:50	0.774	4.039	4.813	1.279	17.6	74	8.7	252	07
02/04/24 19:55	0.663	3.773	4.436	1.142	17.5	74	8.0	252	06
02/04/24 20:00	0.528	3.628	4.156	1.008	17.4	74	7.8	249	08
02/04/24 20:05	0.404	3.486	3.890	0.983	17.4	74	6.7	251	08
02/04/24 20:10	0.273	3.452	3.726	1.051	17.4	74	6.7	243	08
02/04/24 20:15	0.242	3.358	3.599	1.233	17.3	75	7.6	245	10
02/04/24 20:20	0.179	3.238	3.417	1.259	17.3	75	8.1	246	07
02/04/24 20:25	0.285	3.245	3.530	1.124	17.1	74	7.6	250	08
02/04/24 20:30	0.305	3.177	3.482	1.212	17.2	74	7.2	250	08
02/04/24 20:35	0.350	3.122	3.472	1.233	17.0	74	6.7	251	07
02/04/24 20:40	0.409	3.182	3.591	1.307	17.0	74	6.5	246	09
02/04/24 20:45	0.365	3.294	3.659	1.131	17.1	74	6.7	245	09
02/04/24 20:50	0.308	3.159	3.467	1.017	17.0	75	6.9	238	10
02/04/24 20:55	0.367	3.257	3.623	0.927	17.1	76	6.4	249	11
02/04/24 21:00	0.452	3.747	4.199	0.911	17.0	74	6.8	246	08
02/04/24 21:05	0.570	3.826	4.395	0.938	16.9	73	7.2	242	10
02/04/24 21:10	0.576	3.606	4.181	0.960	16.9	74	7.2	244	10
02/04/24 21:15	0.492	3.413	3.905	0.970	16.8	73	6.8	248	11
02/04/24 21:20	0.351	3.387	3.738	0.905	16.7	72	7.8	251	10
02/04/24 21:25	0.732	4.525	5.257	0.974	16.8	72	6.6	253	06
02/04/24 21:30	1.576	10.327	11.903	1.015	16.7	70	5.4	247	10
02/04/24 21:35	1.377	4.280	5.657	0.956	16.8	70	5.9	250	09
02/04/24 21:40	1.100	2.782	3.882	1.047	16.8	70	5.9	246	07
02/04/24 21:45	0.909	3.256	4.166	1.133	16.7	71	5.7	248	08
02/04/24 21:50	0.780	3.340	4.121	1.012	16.7	72	5.3	249	08
02/04/24 21:55	0.682	3.402	4.083	1.101	16.6	72	5.4	251	07
02/04/24 22:00	0.586	3.581	4.167	1.092	16.6	74	5.3	256	06
02/04/24 22:05	0.478	3.982	4.460	1.104	16.6	73	5.2	254	07
02/04/24 22:10	0.710	5.018	5.728	1.181	16.5	74	4.6	257	09
02/04/24 22:15	1.131	7.118	8.248	1.225	16.5	75	5.2	264	06
02/04/24 22:20	1.309	8.952	10.261	1.181	16.4	74	5.6	261	07
02/04/24 22:25	1.697	11.065	12.762	1.213	16.3	75	5.9	262	06
02/04/24 22:30	2.131	11.322	13.452	1.277	16.2	74	6.2	251	06
02/04/24 22:35	2.310	10.272	12.582	1.256	16.2	74	5.1	255	11
02/04/24 22:40	2.412	10.399	12.811	1.386	16.1	74	4.9	251	07
02/04/24 22:45	2.223	6.774	8.997	1.408	16.2	75	4.6	251	08
02/04/24 22:50	1.895	5.320	7.215	1.302	16.1	75	4.4	245	08
02/04/24 22:55	1.420	4.248	5.669	1.356	15.9	75	3.9	244	09
02/04/24 23:00	0.996	2.552	3.548	1.422	16.0	76	3.3	242	07
02/04/24 23:05	0.782	3.025	3.807	1.310	15.9	77	2.3	254	14
02/04/24 23:10	1.182	8.907	10.089	1.284	16.0	76	2.7	271	10
02/04/24 23:15	3.889	22.557	26.446	1.406	15.9	77	3.4	263	12
02/04/24 23:20	7.451	15.186	22.637	1.522	15.9	77	2.9	267	17
02/04/24 23:25	3.750	14.402	18.152	1.505	16.0	78	2.5	275	16
02/04/24 23:30	3.725	14.925	18.650	1.547	16.0	76	4.4	260	08
02/04/24 23:35	3.391	14.286	17.677	1.561	16.0	77	4.0	262	07
02/04/24 23:40	2.657	12.021	14.679	1.608	16.1	77	4.7	265	10
02/04/24 23:45	2.218	9.544	11.762	1.567	16.0	77	3.9	268	11
02/04/24 23:50	1.812	7.113	8.925	1.583	15.9	76	4.2	267	08
02/04/24 23:55	1.403	7.203	8.606	1.555	15.9	78	3.5	274	12
03/04/24 00:00	1.128	7.108	8.235	1.570	15.9	77	4.5	265	08
03/04/24 00:05	1.018	7.118	8.136	1.526	15.8	76	4.5	264	06
03/04/24 00:10	0.903	7.119	8.022	1.593	15.7	77	4.3	270	07
03/04/24 00:15	0.777	7.147	7.924	1.443	15.8	78	3.8	272	12
03/04/24 00:20	0.595	7.204	7.799	1.408	15.7	76	4.4	269	08
03/04/24 00:25	0.568	7.379	7.947	1.435	15.6	77	3.2	274	17
03/04/24 00:30	0.543	7.654	8.197	1.438	15.7	77	2.8	285	15
03/04/24 00:35	0.549	7.615	8.164	1.477	15.5	78	2.6	286	16
03/04/24 00:40	0.410	7.655	8.065	1.401	15.6	78	3.2	281	11
03/04/24 00:45	0.354	7.661	8.014	1.320	15.6	79	2.9	280	16
03/04/24 00:50	0.449	7.812	8.261		15.6	77	3.1	277	15
03/04/24 00:55	0.463	8.084	8.547		15.5	78	2.7	284	16
03/04/24 01:00	0.460	8.272	8.732	1.231	15.5	77	3.7	277	12
03/04/24 01:05					15.5	78	3.0	278	14
03/04/24 01:10					15.5	78	2.4	281	17
03/04/24 01:15					15.5	78	3.0	277	10
03/04/24 01:20					15.5	78	2.6	282	16
03/04/24 01:25					15.4	77	2.5	291	14
03/04/24 01:30					15.3	77	2.5	289	13
03/04/24 01:35					15.3	78	2.6	286	14
03/04/24 01:40					15.3	78	2.4	285	18
03/04/24 01:45					15.3	78	3.0	291	12
03/04/24 01:50					15.1	78	2.9	289	12
03/04/24 01:55					15.1	79	2.5	288	16
03/04/24 02:00					15.0	79	2.5	286	18
03/04/24 02:05	0.764	10.120	10.884	1.228	15.0	79	2.1	290	16
03/04/24 02:10	1.633	17.154	18.786	1.333	14.9	79	2.2	292	16
03/04/24 02:15	2.490	19.296	21.787	1.357	14.9	79	2.4	289	15
03/04/24 02:20	3.056	18.344	21.400	1.376	14.9	79	2.3	293	13
03/04/24 02:25	3.080	16.964	20.044	1.295	14.8	79	2.8	293	11
03/04/24 02:30	3.237	16.650	19.887	1.224	14.7	79	2.5	292	10
03/04/24 02:35	3.080	16.179	19.259	1.250	14.7	79	2.3	298	12
03/04/24 02:40	2.733	15.353	18.087	1.204	14.6	79	2.5	300	11
03/04/24 02:45	2.155	13.992	16.147	1.148	14.5	79	2.3	306	10
03/04/24 02:50	1.837	12.264	14.101	1.213	14.4	79	2.1	301	12
03/04/24 02:55	1.758	11.969	13.727	1.140	14.4	80	2.3	300	12
03/04/24 03:00	2.097	13.081	15.178	1.137	14.4	80	2.6	299	10
03/04/24 03:05	2.181	13.542	15.723	1.208	14.4	79	2.4	301	13
03/04/24 03:10	2.123	13.596	15.719	1.281	14.4	81	1.9	300	15
03/04/24 03:15	1.913	13.679	15.592	1.334	14.2	80	2.6	303	11
03/04/24 03:20	1.648	13.505	15.153	1.314	14.3	80	2.4	304	09
03/04/24 03:25	1.885	13.646	15.532	1.439	14.2	81	2.1	309	11
03/04/24 03:30	2.435	13.989	16.424	1.343	14.1	81	2.0	311	12
03/04/24 03:35	2.290	13.985	16.275	1.265	14.0	81	2.1	317	11
03/04/24 03:40	1.951	13.517	15.468	1.295	13.9	81	2.4	314	11
03/04/24 03:45	1.575	12.742	14.317	1.310	13.8	81	2.3	318	13
03/04/24 03:50	1.198	11.881	13.080	1.283	13.9	81	2.2	321	14
03/04/24 03:55	0.978	11.238	12.216	1.306	13.9	82	1.9	315	16
03/04/24 04:00	0.965	10.944	11.909	1.234	13.8	82	1.6	321	16

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/04/24 04:05	0.942	10.885	11.827	1.092	13.7	82	1.7	326	17
03/04/24 04:10	0.891	10.646	11.536	1.091	13.6	82	1.5	319	20
03/04/24 04:15	0.837	10.615	11.452	1.105	13.6	82	1.7	310	17
03/04/24 04:20	0.880	10.871	11.750	1.086	13.6	82	2.1	314	14
03/04/24 04:25	1.056	11.344	12.400	1.107	13.5	82	1.9	311	11
03/04/24 04:30	1.197	11.984	13.181	1.193	13.6	83	1.9	318	15
03/04/24 04:35	1.346	12.503	13.849	1.148	13.5	83	2.2	317	13
03/04/24 04:40	1.741	13.045	14.787	1.153	13.6	83	2.0	318	14
03/04/24 04:45	2.148	13.411	15.559	1.122	13.6	83	1.5	313	14
03/04/24 04:50	2.449	13.799	16.248	1.229	13.5	83	2.1	311	12
03/04/24 04:55	2.910	14.213	17.122	1.249	13.5	83	2.1	315	10
03/04/24 05:00	3.389	14.439	17.828	1.263	13.5	83	2.0	319	11
03/04/24 05:05	3.616	14.508	18.124	1.269	13.4	83	2.3	313	10
03/04/24 05:10	3.985	14.865	18.850	1.309	13.5	83	1.9	312	09
03/04/24 05:15	4.206	15.147	19.353	1.328	13.5	83	1.8	320	20
03/04/24 05:20	4.424	15.218	19.642	1.350	13.6	84	1.9	303	15
03/04/24 05:25	4.393	15.156	19.550	1.281	13.7	82	2.3	314	15
03/04/24 05:30	4.204	15.191	19.395	1.308	13.6	83	1.7	303	13
03/04/24 05:35	4.011	15.101	19.112	1.344	13.8	83	2.0	307	13
03/04/24 05:40	4.023	15.189	19.211	1.469	13.8	82	1.8	310	11
03/04/24 05:45	4.240	15.294	19.534	1.430	13.7	82	2.0	312	15
03/04/24 05:50	4.704	15.435	20.139	1.440	13.7	82	2.0	315	11
03/04/24 05:55	5.362	15.676	21.038	1.519	13.7	82	2.0	312	14
03/04/24 06:00	5.949	15.826	21.775	1.480	13.6	83	1.8	313	15
03/04/24 06:05	6.497	15.862	22.359	1.447	13.8	82	1.9	311	15
03/04/24 06:10	5.978	15.647	21.625	1.506	13.7	83	1.5	301	20
03/04/24 06:15	5.643	15.867	21.510	1.449	13.7	83	1.6	298	12
03/04/24 06:20	5.669	16.244	21.913	1.359	13.7	82	1.6	309	16
03/04/24 06:25	5.593	16.442	22.035	1.272	13.7	83	1.5	305	19
03/04/24 06:30	5.856	16.656	22.512	1.276	13.7	84	1.4	301	12
03/04/24 06:35	6.311	16.943	23.254	1.286	13.7	84	1.5	305	20
03/04/24 06:40	6.931	17.220	24.151	1.337	13.6	83	1.8	311	17
03/04/24 06:45	8.125	17.387	25.511	1.400	13.6	83	2.0	303	10
03/04/24 06:50	9.747	17.360	27.107	1.491	13.6	83	1.8	306	15
03/04/24 06:55	11.391	17.483	28.874	1.557	13.7	83	2.1	314	11
03/04/24 07:00	15.301	17.174	32.475	1.484	13.6	83	1.6	309	16
03/04/24 07:05	19.788	18.429	38.217	1.565	13.6	84	1.9	308	10
03/04/24 07:10	21.100	18.422	39.522	1.591	13.6	83	1.8	309	12
03/04/24 07:15	22.085	18.846	40.931	1.589	13.5	84	1.7	303	14
03/04/24 07:20	22.584	18.668	41.252	1.591	13.6	84	1.8	309	13
03/04/24 07:25	22.722	18.819	41.541	1.620	13.6	83	1.7	296	16
03/04/24 07:30	23.929	18.809	42.738	1.694	13.6	83	1.9	308	13
03/04/24 07:35	25.177	19.093	44.270	1.786	13.6	84	1.4	304	17
03/04/24 07:40	27.274	20.109	47.383	1.797	13.6	84	1.3	312	11
03/04/24 07:45	31.075	20.408	51.483	1.849	13.6	83	1.4	317	14
03/04/24 07:50	34.691	19.680	54.371	2.032	13.6	83	1.3	316	12
03/04/24 07:55	35.520	20.074	55.595	2.034	13.6	83	1.6	309	11
03/04/24 08:00	34.813	20.259	55.071	2.033	13.6	83	1.4	315	16
03/04/24 08:05	34.288	20.206	54.494	1.961	13.7	83	1.4	327	19
03/04/24 08:10	33.585	19.893	53.478	1.951	13.8	82	2.0	316	16
03/04/24 08:15	33.061	19.779	52.840	1.941	13.8	82	1.7	308	16
03/04/24 08:20	32.652	19.544	52.196	1.953	13.9	83	1.7	303	17
03/04/24 08:25	32.072	19.335	51.406	2.006	13.9	83	1.5	306	21
03/04/24 08:30	31.725	19.171	50.896	1.954	14.0	83	1.7	306	13
03/04/24 08:35	31.589	18.979	50.568	1.854	14.0	83	1.3	289	17
03/04/24 08:40	32.338	18.900	51.238	1.964	14.1	83	1.4	291	19
03/04/24 08:45	34.082	18.858	52.941	1.964	14.1	82	1.4	294	16
03/04/24 08:50	34.958	18.921	53.880	1.951	14.2	83	1.8	291	16
03/04/24 08:55	35.349	18.694	54.043	1.933	14.3	84	1.7	286	17
03/04/24 09:00	35.158	18.693	53.850	1.964	14.5	83	2.1	285	16
03/04/24 09:05	34.152	18.271	52.423	1.936	14.5	82	1.7	291	16
03/04/24 09:10	33.429	17.958	51.386	1.973	14.6	82	1.8	288	20
03/04/24 09:15	31.883	17.683	49.567	2.003	14.7	82	2.4	283	15
03/04/24 09:20	24.600	17.937	42.538	2.087	14.8	82	2.5	270	14
03/04/24 09:25	20.822	14.671	35.493	2.027	14.8	82	3.0	266	12
03/04/24 09:30	14.602	9.808	24.409	1.936	14.7	82	3.3	260	13
03/04/24 09:35	14.247	12.895	27.142	1.771	14.9	83	2.4	274	11
03/04/24 09:40	15.149	13.866	29.015	1.763	15.0	81	2.9	270	10
03/04/24 09:45	14.491	13.326	27.817	1.709	15.1	81	3.0	259	17
03/04/24 09:50	14.287	13.151	27.438	1.717	15.2	82	3.2	263	13
03/04/24 09:55	13.821	12.942	26.762	1.692	15.2	82	3.5	257	10
03/04/24 10:00	12.605	10.096	22.701	1.702	15.2	82	4.0	250	08
03/04/24 10:05	8.787	5.157	13.943	1.721	15.3	82	3.8	255	08
03/04/24 10:10	4.436	7.583	12.019	1.790	15.4	82	3.8	258	06
03/04/24 10:15	3.512	8.057	11.569	1.868	15.5	82	4.1	247	11
03/04/24 10:20	2.314	5.626	7.940	1.771	15.7	83	6.6	236	06
03/04/24 10:25	1.797	2.443	4.240	1.706	15.8	82	5.9	251	09
03/04/24 10:30	1.457	2.405	3.862	1.679	15.7	82	6.5	247	06
03/04/24 10:35	1.157	2.095	3.251	1.678	15.7	82	6.2	240	05
03/04/24 10:40	0.949	2.019	2.967	1.664	15.9	82	5.9	242	12
03/04/24 10:45	0.873	1.949	2.821	1.676	15.9	85	7.7	229	04
03/04/24 10:50	0.859	1.880	2.738	1.503	15.8	85	7.0	234	06
03/04/24 10:55	1.171	1.975	3.146	1.433	15.7	85	6.8	236	05
03/04/24 11:00	6.467	1.914	8.381	1.417	15.6	84	6.0	245	06
03/04/24 11:05	5.242	3.963	9.205	1.461	15.7	84	5.1	248	07
03/04/24 11:10	2.656	2.874	5.530	1.359	15.8	83	4.6	249	08
03/04/24 11:15	1.637	1.693	3.330	1.429	15.9	84	5.3	231	07
03/04/24 11:20	1.274	1.542	2.816	1.540	16.0	84	5.3	226	04
03/04/24 11:25	0.987	1.661	2.648	1.483	16.0	84	4.8	226	06
03/04/24 11:30	0.768	1.705	2.473	1.495	16.0	83	5.2	236	07
03/04/24 11:35	0.757	1.697	2.454	1.449	16.0	83	5.7	233	04
03/04/24 11:40	0.879	1.671	2.550	1.366	16.0	83	4.9	236	06
03/04/24 11:45	0.886	1.728	2.614	1.343	16.2	82	4.5	238	10
03/04/24 11:50	1.041	1.969	3.010	1.404	16.2	81	4.8	226	07
03/04/24 11:55	0.990	1.936	2.926	1.360	16.3	80	4.0	227	06
03/04/24 12:00	0.953	1.772	2.725	1.341	16.4	80	3.3	230	12
03/04/24 12:05	0.880	1.796	2.675	1.242	16.4	83	4.7	226	10
03/04/24 12:10	0.776	1.765	2.541	1.270	16.2	83	4.2	228	06
03/04/24 12:15	0.758	1.809	2.566	1.224	16.3	83	4.9	229	06
03/04/24 12:20	0.816	1.759	2.574	1.204	16.5	83	5.4	224	05
03/04/24 12:25	0.862	1.830	2.692	1.230	16.3	88	7.0	219	07
03/04/24 12:30	0.831	2.223	3.054	1.292	15.6	92	6.1	202	06
03/04/24 12:35	0.702	2.008	2.710	1.379	15.2	93	5.1	203	05
03/04/24 12:40	0.527	1.706	2.233	1.417	15.1	95	4.3	209	17

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/04/24 12:45	0.451	1.622	2.074	1.304	15.4	95	8.1	232	08
03/04/24 12:50	0.467	1.426	1.892	1.195	15.2	94	7.5	204	09
03/04/24 12:55	0.364	1.193	1.556	1.169	14.8	94	5.8	197	08
03/04/24 13:00	0.241	1.013	1.254	1.142	14.5	93	4.6	196	06
03/04/24 13:05	0.380	0.935	1.315	1.048	14.7	95	4.0	205	07
03/04/24 13:10	0.596	1.312	1.907	0.937	14.9	95	5.4	223	06
03/04/24 13:15	0.467	0.857	1.324	0.944	14.7	93	5.0	232	04
03/04/24 13:20	0.368	0.791	1.159	0.924	14.6	94	4.7	234	06
03/04/24 13:25	0.279	0.723	1.002	0.852	14.5	94	4.1	234	06
03/04/24 13:30	0.176	0.680	0.855	0.890	14.5	94	3.7	237	08
03/04/24 13:35	0.157	0.698	0.855	0.936	14.7	92	4.4	231	05
03/04/24 13:40	0.235	0.717	0.952	0.970	14.9	94	4.8	226	04
03/04/24 13:45	0.321	0.794	1.115	0.876	15.0	94	4.7	227	04
03/04/24 13:50	0.213	0.808	1.021	0.780	15.3	94	5.1	209	14
03/04/24 13:55	0.190	1.012	1.202	0.794	15.3	94	5.0	198	07
03/04/24 14:00	1.103	2.102	3.204	0.756	15.3	94	4.6	194	08
03/04/24 14:05	1.409	2.159	3.569	0.753	15.3	93	4.5	197	07
03/04/24 14:10	1.146	1.186	2.333	0.755	15.2	92	4.2	196	08
03/04/24 14:15	0.388	1.006	1.395	0.798	15.5	92	3.3	194	10
03/04/24 14:20	0.332	0.977	1.309	0.887	15.4	91	3.1	186	14
03/04/24 14:25	0.383	0.910	1.293	0.864	15.4	90	2.2	183	19
03/04/24 14:30	0.565	1.184	1.749	0.914	15.6	86	3.2	198	12
03/04/24 14:35	0.866	1.092	1.958	0.852	15.9	82	3.0	191	11
03/04/24 14:40	0.870	1.068	1.938	0.636	16.1	79	4.1	202	06
03/04/24 14:45	0.765	0.911	1.676	0.638	16.2	75	3.9	200	08
03/04/24 14:50	0.735	0.875	1.610	0.660	16.6	78	2.0	177	22
03/04/24 14:55	0.566	0.886	1.452	0.640	16.8	82	1.0	162	40
03/04/24 15:00	0.485	0.920	1.405	0.712	16.8	79	1.1	154	37
03/04/24 15:05	0.407	1.008	1.416	0.816	17.1	77	1.5	136	26
03/04/24 15:10	0.374	1.047	1.421	0.775	17.3	76	1.7	167	36
03/04/24 15:15	0.311	0.991	1.302	0.745	17.6	71	2.5	182	16
03/04/24 15:20	0.216	0.962	1.179	0.738	17.6	71	2.8	197	12
03/04/24 15:25	0.130	0.890	1.020	0.860	17.4	70	2.0	185	15
03/04/24 15:30	0.083	0.871	0.954	0.831	17.5	69	2.3	195	13
03/04/24 15:35	0.072	0.843	0.915	0.803	17.4	70	2.4	189	13
03/04/24 15:40	0.081	0.758	0.839	0.765	17.5	69	2.7	192	12
03/04/24 15:45	0.097	0.718	0.815	0.670	17.4	67	3.0	190	12
03/04/24 15:50	0.169	0.689	0.858	0.598	17.5	69	2.1	188	12
03/04/24 15:55	0.169	0.733	0.902	0.610	17.6	71	3.3	197	09
03/04/24 16:00	0.083	0.810	0.892	0.631	17.4	68	3.2	195	09
03/04/24 16:05	0.062	0.761	0.823	0.660	17.5	69	2.9	195	08
03/04/24 16:10	0.105	0.750	0.855	0.582	17.4	73	4.6	211	08
03/04/24 16:15	0.111	0.809	0.919	0.525	17.1	74	4.1	212	08
03/04/24 16:20	0.108	0.847	0.955	0.520	17.1	74	4.3	212	06
03/04/24 16:25	0.092	0.870	0.962	0.602	17.1	74	3.5	212	17
03/04/24 16:30	0.081	0.944	1.024	0.648	17.3	68	2.6	189	19
03/04/24 16:35	0.084	0.830	0.914	0.715	17.4	65	2.5	185	16
03/04/24 16:40	0.085	0.758	0.843	0.689	17.5	64	2.6	190	13
03/04/24 16:45	0.073	0.701	0.773	0.734	17.5	66	2.9	196	10
03/04/24 16:50	0.098	0.641	0.739	0.699	17.5	65	3.5	198	09
03/04/24 16:55	0.086	0.637	0.723	0.602	17.4	69	4.6	199	07
03/04/24 17:00	0.071	0.669	0.740	0.598	17.2	69	4.2	199	07
03/04/24 17:05	0.164	0.714	0.879	0.748	17.3	70	4.7	201	08
03/04/24 17:10	0.258	0.647	0.905	0.825	17.3	69	3.5	197	08
03/04/24 17:15	0.226	0.589	0.815	0.914	17.4	69	2.7	194	11
03/04/24 17:20	0.156	0.622	0.778	0.851	17.4	68	1.8	182	20
03/04/24 17:25	0.113	0.685	0.798	0.798	17.5	67	2.6	191	15
03/04/24 17:30	0.099	0.606	0.705	0.809	17.5	66	2.8	193	14
03/04/24 17:35	0.065	0.621	0.686	0.824	17.6	66	2.3	178	19
03/04/24 17:40	0.131	0.554	0.684	0.727	17.6	65	1.9	176	25
03/04/24 17:45	0.173	0.585	0.758	0.664	17.5	65	2.3	183	18
03/04/24 17:50	0.244	0.600	0.844	0.602	17.6	66	2.2	183	22
03/04/24 17:55	0.270	0.659	0.929	0.466	17.5	65	2.0	176	21
03/04/24 18:00	0.211	0.719	0.930	0.567	17.5	65	2.0	181	20
03/04/24 18:05	0.171	0.702	0.873	0.590	17.5	64	2.9	186	13
03/04/24 18:10	0.166	0.759	0.925	0.591	17.4	63	2.4	175	23
03/04/24 18:15	0.115	0.759	0.875	0.632	17.4	61	1.9	153	26
03/04/24 18:20	0.018	0.837	0.855	0.509	17.4	64	2.6	188	14
03/04/24 18:25	0.037	0.840	0.877	0.531	17.4	62	2.6	192	11
03/04/24 18:30	0.117	0.945	1.062	0.658	17.3	62	2.2	177	20
03/04/24 18:35	0.029	0.942	0.971	0.725	17.5	62	1.6	172	24
03/04/24 18:40	-0.050	0.884	0.834	0.630	17.4	62	1.4	172	27
03/04/24 18:45	-0.083	0.864	0.781	0.575	17.4	61	1.4	171	30
03/04/24 18:50	-0.115	0.924	0.809	0.630	17.4	63	1.7	165	28
03/04/24 18:55	-0.091	0.905	0.815	0.716	17.4	63	1.8	160	26
03/04/24 19:00	-0.020	1.264	1.244	0.765	17.4	65	1.7	120	21
03/04/24 19:05	0.154	3.581	3.735	0.741	17.2	72	2.0	110	13
03/04/24 19:10	0.210	2.859	3.069	0.730	17.1	61	2.3	150	20
03/04/24 19:15	0.220	0.812	1.033	0.651	17.2	60	1.8	166	27
03/04/24 19:20	0.206	0.831	1.036	0.709	17.3	63	2.5	151	22
03/04/24 19:25	0.172	1.426	1.598	0.702	17.3	64	1.7	161	25
03/04/24 19:30	0.144	1.174	1.319	0.760	17.3	64	1.9	182	18
03/04/24 19:35	0.249	0.968	1.217	0.845	17.3	62	2.1	169	24
03/04/24 19:40	0.174	0.885	1.059	0.842	17.3	63	1.7	178	22
03/04/24 19:45	0.219	0.753	0.972	0.738	17.3	62	1.8	178	21
03/04/24 19:50	0.098	0.659	0.758	0.780	17.3	62	1.6	179	27
03/04/24 19:55	0.044	0.636	0.680	0.698	17.3	61	1.6	169	27
03/04/24 20:00	-0.030	0.655	0.625	0.612	17.2	62	1.5	170	26
03/04/24 20:05	-0.020	0.747	0.727	0.549	17.2	60	3.0	141	15
03/04/24 20:10	0.056	0.695	0.751	0.527	17.2	61	2.0	169	23
03/04/24 20:15	0.122	0.695	0.817	0.638	17.2	61	2.4	182	17
03/04/24 20:20	0.074	0.730	0.804	0.654	17.2	61	2.6	187	14
03/04/24 20:25	-0.012	0.727	0.715	0.662	17.3	60	2.5	195	12
03/04/24 20:30	-0.031	0.760	0.729	0.549	17.2	62	2.6	186	13
03/04/24 20:35	-0.049	0.759	0.711	0.500	17.3	61	1.9	180	21
03/04/24 20:40	-0.094	0.746	0.652	0.429	17.4	59	3.3	189	10
03/04/24 20:45	-0.059	0.695	0.635	0.454	17.3	58	2.1	185	14
03/04/24 20:50	0.022	0.693	0.716	0.425	17.2	61	2.2	183	20
03/04/24 20:55	0.016	0.640	0.656	0.380	17.3	60	2.0	177	27
03/04/24 21:00	0.042	0.705	0.747	0.400	17.2	61	3.1	185	13
03/04/24 21:05	0.015	0.771	0.786	0.397	17.2	62	2.1	183	17
03/04/24 21:10	-0.034	1.054	1.021	0.351	17.2	63	2.4	117	18
03/04/24 21:15	0.021	2.696	2.717	0.439	17.1	66	3.1	107	09
03/04/24 21:20	0.080	7.538	7.619	0.469	16.8	67	3.0	106	06

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/04/24 21:25	0.059	11.946	12.005	0.395	16.7	68	2.8	104	08
03/04/24 21:30	0.074	14.543	14.617	0.356	16.6	70	2.1	95	09
03/04/24 21:35	0.110	15.223	15.333	0.449	16.5	71	1.6	88	10
03/04/24 21:40	0.131	15.418	15.549	0.556	16.5	71	1.9	81	10
03/04/24 21:45	0.214	15.811	16.026	0.572	16.5	72	1.7	86	11
03/04/24 21:50	0.192	16.157	16.350	0.568	16.5	73	1.7	81	11
03/04/24 21:55	0.236	16.172	16.409	0.582	16.4	73	1.7	78	15
03/04/24 22:00	0.278	16.097	16.375	0.576	16.4	72	1.6	87	12
03/04/24 22:05	0.377	15.931	16.308	0.595	16.4	71	1.6	93	09
03/04/24 22:10	0.675	15.961	16.636	0.459	16.5	71	1.7	98	11
03/04/24 22:15	0.449	14.773	15.222	0.464	16.3	68	1.9	98	11
03/04/24 22:20	0.267	12.834	13.101	0.503	16.4	66	1.9	107	11
03/04/24 22:25	0.162	12.323	12.485	0.553	16.5	66	1.7	98	12
03/04/24 22:30	0.436	11.830	12.266	0.628	16.5	65	2.1	96	07
03/04/24 22:35	0.292	11.733	12.026	0.670	16.4	65	1.7	89	10
03/04/24 22:40	0.290	11.970	12.259	0.636	16.3	65	2.1	94	11
03/04/24 22:45	0.233	12.335	12.568	0.683	16.3	65	2.1	98	11
03/04/24 22:50	0.217	12.592	12.809	0.689	16.2	65	2.1	97	08
03/04/24 22:55	0.302	12.626	12.928	0.703	16.2	65	2.4	99	07
03/04/24 23:00	0.245	12.620	12.864	0.652	16.2	65	2.3	100	09
03/04/24 23:05	0.322	12.630	12.953	0.631	16.2	66	2.8	104	07
03/04/24 23:10	0.394	12.610	13.004	0.669	16.2	67	2.6	107	07
03/04/24 23:15	0.384	12.528	12.912	0.684	16.2	66	3.0	105	08
03/04/24 23:20	0.369	12.205	12.574	0.579	16.1	67	2.4	108	09
03/04/24 23:25	0.397	11.853	12.250	0.677	16.2	69	2.3	115	09
03/04/24 23:30	0.384	11.333	11.717	0.755	16.3	70	2.6	110	10
03/04/24 23:35	0.391	11.272	11.662	0.666	16.1	68	3.0	103	07
03/04/24 23:40	0.301	11.193	11.493	0.649	15.9	67	2.9	97	08
03/04/24 23:45	0.317	11.085	11.402	0.684	15.9	66	2.6	92	10
03/04/24 23:50	0.258	11.009	11.267	0.735	15.8	67	2.3	95	10
03/04/24 23:55	0.161	10.818	10.979	0.639	15.7	66	2.0	87	13
04/04/24 00:00	0.165	10.581	10.746	0.507	15.7	66	2.0	85	13
04/04/24 00:05	0.169	10.321	10.490	0.459	15.8	67	2.2	89	13
04/04/24 00:10	0.093	10.281	10.374	0.449	15.7	67	1.9	81	14
04/04/24 00:15	0.079	10.433	10.511	0.465	15.7	67	1.8	92	13
04/04/24 00:20	0.139	10.366	10.505	0.568	15.7	67	2.0	106	10
04/04/24 00:25	0.177	9.892	10.070	0.674	15.8	66	2.2	106	09
04/04/24 00:30	0.043	9.309	9.352	0.697	15.8	66	2.4	99	07
04/04/24 00:35	0.056	8.684	8.740	0.716	15.7	66	2.4	98	08
04/04/24 00:40	0.185	8.225	8.410	0.663	15.6	66	2.1	94	09
04/04/24 00:45	0.212	7.975	8.187	0.684	15.5	66	2.0	98	10
04/04/24 00:50	0.116	7.749	7.865		15.5	67	2.5	104	07
04/04/24 00:55	0.084	7.482	7.566		15.4	67	2.3	105	07
04/04/24 01:00	0.025	7.180	7.206	0.665	15.4	68	2.5	106	07
04/04/24 01:05					15.4	68	2.6	105	08
04/04/24 01:10					15.5	69	2.1	119	14
04/04/24 01:15					15.7	71	1.9	113	15
04/04/24 01:20					15.7	71	1.7	116	16
04/04/24 01:25					15.5	69	2.1	95	09
04/04/24 01:30					15.4	67	1.9	90	13
04/04/24 01:35					15.2	67	2.1	70	14
04/04/24 01:40					15.1	69	1.7	54	13
04/04/24 01:45					14.8	70	2.1	82	17
04/04/24 01:50					15.0	69	1.9	91	13
04/04/24 01:55					14.9	71	2.0	94	14
04/04/24 02:00					14.8	71	2.1	79	13
04/04/24 02:05	0.385	18.474	18.859	0.934	14.7	73	2.3	70	13
04/04/24 02:10	0.878	20.004	20.882	1.091	14.6	74	2.1	78	16
04/04/24 02:15	1.136	19.430	20.566	1.149	14.5	74	2.4	83	09
04/04/24 02:20	1.262	18.589	19.852	1.108	14.4	74	2.5	92	12
04/04/24 02:25	1.289	17.757	19.046	1.037	14.4	74	2.7	96	09
04/04/24 02:30	1.242	17.158	18.400	1.182	14.4	75	2.0	85	15
04/04/24 02:35	1.174	16.869	18.043	1.188	14.3	74	1.9	84	19
04/04/24 02:40	1.007	16.273	17.280	1.145	14.2	75	1.2	71	20
04/04/24 02:45	0.822	15.747	16.569	1.142	14.2	75	1.7	66	13
04/04/24 02:50	0.734	15.074	15.808	1.142	14.1	75	1.8	69	16
04/04/24 02:55	0.668	14.603	15.271	1.176	14.0	76	1.8	63	16
04/04/24 03:00	0.543	13.936	14.479	1.223	13.9	76	2.0	66	17
04/04/24 03:05	0.411	13.180	13.591	1.184	14.0	75	1.9	63	15
04/04/24 03:10	0.385	12.452	12.837	1.094	13.9	75	2.7	51	12
04/04/24 03:15	0.401	11.955	12.356	1.067	13.8	76	2.3	44	06
04/04/24 03:20	0.488	11.804	12.292	1.067	13.7	77	3.1	46	08
04/04/24 03:25	0.429	11.802	12.231	1.189	13.6	78	3.0	50	09
04/04/24 03:30	0.387	11.515	11.902	1.187	13.5	78	2.8	55	11
04/04/24 03:35	0.344	11.215	11.559	1.092	13.5	79	2.8	50	10
04/04/24 03:40	0.297	10.846	11.143	1.099	13.4	79	2.8	52	11
04/04/24 03:45	0.233	10.391	10.624	1.200	13.5	79	2.1	58	11
04/04/24 03:50	0.231	10.111	10.341	1.171	13.4	80	1.9	52	12
04/04/24 03:55	0.182	9.870	10.052	1.086	13.3	81	2.0	49	10
04/04/24 04:00	0.197	9.693	9.890	1.042	13.3	81	1.6	49	12
04/04/24 04:05	0.172	9.452	9.624	1.045	13.3	81	1.2	57	18
04/04/24 04:10	0.107	9.183	9.291	1.072	13.3	81	1.2	49	16
04/04/24 04:15	0.136	9.031	9.168	1.151	13.3	81	1.5	55	16
04/04/24 04:20	0.168	8.795	8.963	1.165	13.2	81	1.8	50	12
04/04/24 04:25	0.272	8.632	8.903	1.045	13.1	82	2.1	51	11
04/04/24 04:30	0.346	8.580	8.926	1.100	13.0	83	2.3	52	11
04/04/24 04:35	0.370	8.618	8.989	1.093	12.9	84	2.2	53	10
04/04/24 04:40	0.427	8.644	9.072	1.064	12.9	84	2.0	54	13
04/04/24 04:45	0.499	8.748	9.247	1.015	12.9	85	1.6	59	15
04/04/24 04:50	0.532	8.713	9.245	0.941	12.9	85	1.4	60	16
04/04/24 04:55	0.441	8.781	9.222	0.801	12.8	85	1.3	64	12
04/04/24 05:00	0.317	8.871	9.188	0.715	12.8	85	1.0	73	15
04/04/24 05:05	0.258	8.870	9.129	0.793	12.7	85	0.8	73	14
04/04/24 05:10	0.236	8.656	8.891	0.801	12.8	85	1.1	59	13
04/04/24 05:15	0.268	8.617	8.885	0.881	12.7	85	1.2	56	10
04/04/24 05:20	0.251	8.864	9.115	0.951	12.6	86	1.1	52	11
04/04/24 05:25	0.322	9.059	9.381	0.871	12.6	86	1.1	49	10
04/04/24 05:30	0.400	9.320	9.720	0.935	12.6	86	0.9	50	11
04/04/24 05:35	0.637	9.842	10.479	1.042	12.6	85	0.8	47	11
04/04/24 05:40	0.923	10.611	11.534	1.110	12.7	85	0.8	52	12
04/04/24 05:45	1.410	11.615	13.025	1.087	12.8	84	0.8	55	10
04/04/24 05:50	1.610	12.652	14.261	0.999	12.8	83	0.8	49	12
04/04/24 05:55	3.118	14.592	17.710	1.069	12.7	84	0.6	47	18
04/04/24 06:00	24.984	18.706	43.690	0.983	12.7	85	0.6	27	12

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/04/24 06:05	32.339	18.005	50.344	1.073	12.7	86	0.5	28	12
04/04/24 06:10	34.117	18.494	52.611	1.115	12.6	87	0.5	30	08
04/04/24 06:15	34.817	18.071	52.888	1.193	12.5	87	0.6	52	11
04/04/24 06:20	30.352	20.407	50.760	1.282	12.5	86	0.7	56	15
04/04/24 06:25	19.646	13.590	33.236	1.188	12.4	85	0.7	46	14
04/04/24 06:30	14.897	15.841	30.738	1.124	12.4	85	0.6	54	08
04/04/24 06:35	10.454	16.530	26.984	1.171	12.4	85	0.6	50	13
04/04/24 06:40	26.167	29.789	55.956	1.187	12.4	84	0.8	61	14
04/04/24 06:45	69.168	24.967	94.135	1.325	12.5	83	0.8	74	16
04/04/24 06:50	5.086	16.413	21.498	1.312	12.4	83	0.8	71	09
04/04/24 06:55	7.717	16.736	24.453	1.333	12.4	83	0.8	64	10
04/04/24 07:00	9.938	17.250	27.188	1.219	12.3	83	0.9	69	12
04/04/24 07:05	15.815	21.774	37.590	1.229	12.3	83	0.9	57	06
04/04/24 07:10	14.017	18.200	32.217	1.322	12.3	83	0.9	50	07
04/04/24 07:15	17.107	17.784	34.891	1.306	12.3	83	1.0	62	12
04/04/24 07:20	14.604	19.108	33.713	1.249	12.2	83	0.8	61	11
04/04/24 07:25	15.476	20.990	36.465	1.371	12.3	83	0.8	64	16
04/04/24 07:30	17.712	19.542	37.254	1.335	12.3	83	0.7	80	14
04/04/24 07:35	30.422	18.993	49.415	1.397	12.2	83	0.8	74	19
04/04/24 07:40	26.045	19.662	45.708	1.440	12.2	83	1.0	91	13
04/04/24 07:45	22.256	19.544	41.800	1.384	12.3	82	1.2	91	11
04/04/24 07:50	22.680	20.184	42.864	1.381	12.4	82	1.1	91	08
04/04/24 07:55	28.486	20.707	49.193	1.446	12.4	82	1.3	96	07
04/04/24 08:00	27.323	20.704	48.027	1.497	12.6	82	0.9	106	11
04/04/24 08:05	27.636	20.174	47.810	1.505	12.8	81	0.9	131	20
04/04/24 08:10	28.526	20.409	48.935	1.451	13.0	80	0.9	120	19
04/04/24 08:15	35.276	19.961	55.237	1.370	13.4	78	1.0	115	14
04/04/24 08:20	39.103	22.942	62.044	1.407	13.7	76	1.5	110	11
04/04/24 08:25	25.873	20.010	45.882	1.385	13.9	74	1.6	103	10
04/04/24 08:30	28.057	20.058	48.115	1.412	14.0	74	1.6	108	09
04/04/24 08:35	33.653	21.034	54.687	1.481	14.1	73	1.9	102	08
04/04/24 08:40	47.479	22.286	69.765	1.522	14.3	73	1.9	105	09
04/04/24 08:45	37.330	30.320	67.650	1.532	14.5	72	1.9	109	08
04/04/24 08:50	35.114	21.263	56.377	1.493	14.7	71	2.2	107	09
04/04/24 08:55	32.466	21.488	53.955	1.480	15.0	69	2.1	104	10
04/04/24 09:00	26.216	21.548	47.765	1.439	15.1	68	2.2	100	10
04/04/24 09:05	35.084	21.515	56.599	1.503	15.3	67	2.5	103	09
04/04/24 09:10	29.920	21.274	51.194	1.541	15.4	67	2.7	102	09
04/04/24 09:15	32.785	19.329	52.114	1.517	15.5	66	2.2	93	10
04/04/24 09:20	54.763	32.927	87.690	1.646	15.7	65	2.0	85	12
04/04/24 09:25	30.304	20.942	51.245	1.650	15.7	64	2.6	93	13
04/04/24 09:30	27.114	21.092	48.206	1.605	15.8	65	1.9	94	10
04/04/24 09:35	34.613	30.580	65.194	1.650	16.1	64	2.0	93	13
04/04/24 09:40	25.849	19.761	45.610	1.653	16.3	63	2.6	107	11
04/04/24 09:45	16.711	16.487	33.198	1.617	16.4	61	4.1	109	07
04/04/24 09:50	27.650	16.891	44.541	1.529	16.5	61	3.9	104	07
04/04/24 09:55	12.233	12.894	25.127	1.424	16.7	61	3.2	112	10
04/04/24 10:00	11.698	12.316	24.014	1.427	16.9	61	3.0	114	14
04/04/24 10:05	9.611	11.636	21.247	1.449	17.0	59	3.1	119	11
04/04/24 10:10	12.128	14.082	26.211	1.425	17.2	59	4.1	107	06
04/04/24 10:15	9.026	11.553	20.579	1.484	17.3	59	3.7	114	12
04/04/24 10:20	10.586	7.422	18.008	1.538	17.3	58	3.4	117	11
04/04/24 10:25	4.497	7.254	11.751	1.559	17.5	56	2.9	118	14
04/04/24 10:30	3.937	7.234	11.171	1.479	17.6	56	3.0	119	13
04/04/24 10:35	5.769	6.257	12.026	1.301	17.8	56	3.1	118	15
04/04/24 10:40	4.252	6.752	11.005	1.184	17.7	55	3.7	123	13
04/04/24 10:45	3.126	5.047	8.174	1.108	17.7	53	3.6	122	16
04/04/24 10:50	2.367	3.281	5.648	1.223	17.5	53	4.0	125	13
04/04/24 10:55	2.729	3.868	6.597	1.192	17.7	54	3.5	125	15
04/04/24 11:00	3.084	4.725	7.810	1.145	17.6	54	3.3	123	17
04/04/24 11:05	3.042	4.868	7.909	1.097	17.9	53	3.6	117	13
04/04/24 11:10	3.233	4.683	7.915	1.181	17.9	52	3.8	131	20
04/04/24 11:15	2.612	4.572	7.184	1.212	17.9	54	3.5	124	16
04/04/24 11:20	2.219	4.646	6.865	1.181	17.9	51	4.4	138	12
04/04/24 11:25	1.908	4.037	5.945	1.149	17.8	50	2.7	157	25
04/04/24 11:30	1.605	3.704	5.309	1.126	18.0	52	3.2	143	19
04/04/24 11:35	2.178	4.639	6.818	1.040	18.0	52	3.2	133	19
04/04/24 11:40	1.710	2.547	4.257	1.102	18.0	49	2.8	137	19
04/04/24 11:45	0.926	2.484	3.410	1.115	18.3	50	2.2	168	25
04/04/24 11:50	0.571	2.345	2.916	1.019	18.4	47	2.6	151	20
04/04/24 11:55	2.136	1.860	3.996	1.072	18.5	47	2.3	151	25
04/04/24 12:00	2.231	2.911	5.142	1.061	18.5	47	2.2	138	18
04/04/24 12:05	0.891	2.211	3.102	1.032	18.5	48	2.3	150	24
04/04/24 12:10	0.778	1.968	2.746	1.009	18.7	48	2.4	164	22
04/04/24 12:15	0.835	1.972	2.807	0.989	18.7	47	2.1	154	27
04/04/24 12:20	0.735	2.028	2.763	0.932	18.8	48	2.2	172	24
04/04/24 12:25	1.021	2.069	3.090	0.910	19.0	49	2.1	173	21
04/04/24 12:30	1.206	2.177	3.383	0.939	19.0	48	2.0	169	22
04/04/24 12:35	1.528	2.506	4.035	1.014	19.1	51	2.6	177	25
04/04/24 12:40	1.723	2.683	4.406	1.257	19.2	51	2.5	176	18
04/04/24 12:45	1.547	2.531	4.079	1.396	19.0	54	3.0	183	18
04/04/24 12:50	1.562	2.506	4.068	1.303	18.9	53	2.8	185	16
04/04/24 12:55	1.546	2.406	3.952	1.248	18.4	54	2.5	182	21
04/04/24 13:00	1.773	5.566	7.340	1.196	18.1	55	3.5	192	12
04/04/24 13:05	2.437	4.503	6.940	1.102	18.5	55	3.0	186	16
04/04/24 13:10	2.511	4.471	6.982	1.142	18.5	56	3.8	191	13
04/04/24 13:15	3.409	7.915	11.325	1.147	18.5	55	2.7	181	20
04/04/24 13:20	5.684	6.572	12.256	1.111	18.5	56	3.2	185	11
04/04/24 13:25	4.616	5.465	10.081	0.963	18.5	56	2.8	179	18
04/04/24 13:30	1.716	3.133	4.849	0.883	18.4	56	3.3	186	13
04/04/24 13:35	5.143	6.693	11.836	1.028	18.2	56	3.7	184	14
04/04/24 13:40	2.910	2.037	4.947	1.118	18.4	57	3.0	184	15
04/04/24 13:45	6.971	14.305	21.276	1.148	18.5	57	3.2	186	17
04/04/24 13:50	1.277	2.422	3.699	1.097	18.7	57	3.6	180	20
04/04/24 13:55	1.277	2.345	3.621	1.035	18.9	55	3.2	186	14
04/04/24 14:00	1.457	2.606	4.063	1.010	18.8	54	3.7	183	16
04/04/24 14:05	2.280	4.880	7.160	1.074	18.6	55	3.5	184	16
04/04/24 14:10	2.970	5.207	8.176	1.118	18.5	56	3.6	188	12
04/04/24 14:15	3.023	6.770	9.794	1.179	18.6	56	3.7	181	15
04/04/24 14:20	3.594	4.632	8.226	1.203	18.9	57	3.8	188	12
04/04/24 14:25	1.982	3.666	5.648	1.256	18.8	57	3.2	180	19
04/04/24 14:30	2.700	3.356	6.056	1.219	18.8	56	3.2	177	18
04/04/24 14:35	4.121	3.774	7.895	1.114	18.9	56	3.0	182	22
04/04/24 14:40	1.310	3.211	4.521	1.031	18.8	56	3.0	174	20

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/04/24 14:45	1.292	2.860	4.153	1.013	18.8	55	2.9	162	23
04/04/24 14:50	1.076	1.412	2.488	1.024	18.8	55	3.0	179	20
04/04/24 14:55	0.393	2.065	2.458	0.947	19.0	55	2.4	177	24
04/04/24 15:00	0.780	2.191	2.971	0.954	19.0	54	3.0	177	19
04/04/24 15:05	0.838	1.856	2.694	0.974	19.1	54	2.6	172	21
04/04/24 15:10	0.793	1.813	2.606	1.014	19.1	54	2.2	163	27
04/04/24 15:15	0.658	1.685	2.343	0.999	19.1	53	2.4	168	27
04/04/24 15:20	0.574	1.600	2.174	0.981	19.2	52	2.2	167	25
04/04/24 15:25	0.582	1.512	2.094	0.936	19.1	52	2.6	173	21
04/04/24 15:30	0.907	1.645	2.552	1.056	19.0	56	3.2	178	18
04/04/24 15:35	0.980	1.945	2.925	1.056	18.8	57	3.4	182	13
04/04/24 15:40	0.920	2.093	3.013	1.180	18.9	57	3.3	181	15
04/04/24 15:45	1.014	2.158	3.172	1.256	18.9	57	3.3	176	15
04/04/24 15:50	1.034	1.945	2.980	1.209	19.0	56	3.2	170	20
04/04/24 15:55	0.823	1.851	2.674	1.139	19.1	55	2.5	165	26
04/04/24 16:00	0.663	1.605	2.268	1.119	19.0	55	3.0	164	23
04/04/24 16:05	0.611	1.507	2.118	1.016	18.9	56	2.6	171	27
04/04/24 16:10	0.623	1.463	2.086	1.065	18.9	57	3.2	172	21
04/04/24 16:15	0.549	1.394	1.944	1.099	18.8	56	2.6	177	24
04/04/24 16:20	0.449	1.382	1.831	1.107	18.9	57	3.1	172	26
04/04/24 16:25	0.489	1.579	2.068	1.101	19.0	57	2.7	164	27
04/04/24 16:30	0.445	1.591	2.036	0.895	19.2	57	3.0	177	23
04/04/24 16:35	0.740	1.734	2.474	0.835	19.4	55	3.2	170	25
04/04/24 16:40	1.372	1.745	3.117	0.908	19.1	56	3.3	170	23
04/04/24 16:45	0.945	1.740	2.684	0.899	19.1	56	3.2	171	23
04/04/24 16:50	1.078	1.824	2.902	0.949	19.3	58	3.9	181	17
04/04/24 16:55	1.579	2.716	4.295	0.993	19.4	57	3.4	178	19
04/04/24 17:00	1.791	1.463	3.254	0.954	19.5	56	2.8	173	24
04/04/24 17:05	1.367	1.353	2.720	1.047	19.7	56	3.1	167	23
04/04/24 17:10	0.972	1.224	2.196	1.036	19.5	56	3.0	168	23
04/04/24 17:15	0.719	1.338	2.057	1.093	19.3	56	3.0	168	25
04/04/24 17:20	0.652	1.401	2.054	1.074	18.9	58	3.1	170	22
04/04/24 17:25	0.640	1.473	2.113	1.114	18.6	58	2.8	159	26
04/04/24 17:30	0.416	1.460	1.876	1.038	18.3	58	3.0	164	28
04/04/24 17:35	0.419	1.383	1.802	1.005	18.3	61	2.8	168	29
04/04/24 17:40	0.323	1.355	1.679	0.906	18.3	60	3.2	164	27
04/04/24 17:45	0.255	1.294	1.548	0.977	18.2	62	2.6	171	28
04/04/24 17:50	0.168	1.332	1.500	0.985	18.1	61	3.0	173	24
04/04/24 17:55	0.117	1.304	1.422	1.098	18.3	61	2.4	163	30
04/04/24 18:00	0.000	1.285	1.285	1.100	18.1	61	4.1	153	20
04/04/24 18:05	0.022	1.181	1.202	1.116	18.0	62	2.4	172	30
04/04/24 18:10	0.091	1.104	1.195	1.168	18.1	63	3.3	176	20
04/04/24 18:15	0.062	1.164	1.226	1.190	18.0	63	3.2	164	26
04/04/24 18:20	0.071	1.176	1.247	1.159	17.9	64	3.4	170	24
04/04/24 18:25	0.042	1.180	1.221	1.133	17.8	61	3.8	151	23
04/04/24 18:30	0.010	1.208	1.218	1.070	17.8	62	3.6	156	25
04/04/24 18:35	0.009	1.228	1.237	1.044	17.8	64	3.6	158	26
04/04/24 18:40	0.102	1.181	1.283	1.076	17.8	63	3.2	157	28
04/04/24 18:45	0.209	1.208	1.417	1.113	17.6	63	3.9	151	23
04/04/24 18:50	0.265	1.194	1.459	1.113	17.6	62	5.3	150	16
04/04/24 18:55	0.186	1.216	1.402	1.059	17.5	63	5.0	145	19
04/04/24 19:00	0.337	1.247	1.584	1.071	17.5	65	4.9	148	19
04/04/24 19:05	0.253	1.221	1.474	1.045	17.4	63	5.7	144	15
04/04/24 19:10	0.158	1.275	1.433	1.049	17.4	63	6.9	140	10
04/04/24 19:15	0.130	1.358	1.488	1.072	17.4	65	5.3	144	17
04/04/24 19:20	0.067	1.344	1.411	1.120	17.3	62	6.4	141	10
04/04/24 19:25	0.004	1.350	1.354	1.086	17.3	64	5.7	140	12
04/04/24 19:30	0.003	1.312	1.315	1.050	17.3	63	4.8	132	13
04/04/24 19:35	0.025	1.358	1.383	1.008	17.3	62	5.4	134	13
04/04/24 19:40	0.043	1.250	1.293	1.001	17.2	62	4.8	131	12
04/04/24 19:45	0.171	1.157	1.328	1.044	17.2	64	4.7	133	14
04/04/24 19:50	0.090	1.241	1.331	0.927	17.2	64	4.5	130	17
04/04/24 19:55	0.002	1.316	1.318	0.931	17.2	61	6.1	135	11
04/04/24 20:00	-0.008	1.352	1.344	0.979	17.0	63	5.3	134	11
04/04/24 20:05	-0.013	1.283	1.271	0.970	17.1	63	5.3	132	14
04/04/24 20:10	-0.077	1.283	1.207	1.011	17.1	63	3.8	127	19
04/04/24 20:15	0.011	1.378	1.389	1.064	17.0	63	3.7	122	16
04/04/24 20:20	0.044	1.421	1.464	1.009	17.1	63	3.4	126	17
04/04/24 20:25	0.075	1.481	1.556	0.938	17.0	63	4.3	128	16
04/04/24 20:30	0.100	1.512	1.612	0.901	17.0	63	3.8	125	19
04/04/24 20:35	0.130	1.579	1.709	1.001	16.9	62	5.0	132	13
04/04/24 20:40	0.135	1.567	1.702	0.958	16.9	63	4.7	133	12
04/04/24 20:45	0.132	1.548	1.680	0.900	16.8	61	6.4	136	09
04/04/24 20:50	0.126	1.518	1.644	0.997	16.8	61	5.1	133	15
04/04/24 20:55	0.211	1.397	1.609	1.091	16.8	62	4.6	135	14
04/04/24 21:00	0.244	1.285	1.529	1.034	16.8	62	4.7	130	14
04/04/24 21:05	0.251	1.324	1.575	1.021	16.8	62	4.8	135	14
04/04/24 21:10	0.067	1.419	1.486	0.988	16.8	63	4.8	136	12
04/04/24 21:15	-0.040	1.370	1.330	0.983	16.8	61	3.7	125	20
04/04/24 21:20	-0.126	1.300	1.173	0.998	16.8	62	4.4	131	12
04/04/24 21:25	-0.075	1.351	1.276	0.966	16.8	63	3.5	126	17
04/04/24 21:30	0.057	1.290	1.347	0.930	16.8	61	3.7	125	14
04/04/24 21:35	0.165	1.261	1.426	0.977	16.8	62	3.2	125	17
04/04/24 21:40	0.201	1.254	1.455	0.931	16.8	63	3.5	120	13
04/04/24 21:45	0.240	1.251	1.491	0.991	16.8	63	3.2	119	16
04/04/24 21:50	0.155	1.326	1.481	0.989	16.7	60	3.9	124	14
04/04/24 21:55	0.190	1.391	1.581	0.939	16.6	61	3.9	130	14
04/04/24 22:00	0.169	1.479	1.648	0.895	16.6	62	3.5	128	16
04/04/24 22:05	0.238	1.474	1.712	0.941	16.7	62	3.5	122	16
04/04/24 22:10	0.103	1.471	1.574	0.962	16.6	62	3.6	125	15
04/04/24 22:15	0.059	1.521	1.580	1.033	16.7	64	3.6	119	16
04/04/24 22:20	0.075	1.449	1.524	1.036	16.6	62	3.2	125	19
04/04/24 22:25	0.076	1.390	1.466	1.033	16.6	63	3.9	122	14
04/04/24 22:30	-0.016	1.460	1.444	1.039	16.6	64	3.0	126	17
04/04/24 22:35	0.004	1.488	1.492	1.022	16.5	64	3.9	126	17
04/04/24 22:40	-0.043	1.513	1.470	1.120	16.5	66	3.0	126	18
04/04/24 22:45	-0.017	1.642	1.626	1.152	16.4	66	3.8	128	16
04/04/24 22:50	0.054	1.684	1.737	1.160	16.4	68	2.4	124	30
04/04/24 22:55	-0.021	1.694	1.673	1.091	16.4	65	4.6	133	15
04/04/24 23:00	-0.084	1.787	1.703	1.050	16.3	66	4.2	131	13
04/04/24 23:05	-0.044	1.875	1.831	1.111	16.3	68	2.8	129	25
04/04/24 23:10	0.001	1.975	1.976	1.113	16.3	68	2.9	125	18
04/04/24 23:15	-0.017	2.097	2.080	1.103	16.4	68	2.6	123	19
04/04/24 23:20	-0.036	2.048	2.012	1.115	16.3	67	3.6	124	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/04/24 23:25	-0.116	2.035	1.919	1.193	16.3	68	3.5	123	19
04/04/24 23:30	-0.120	2.098	1.978	1.218	16.4	69	3.6	119	13
04/04/24 23:35	-0.093	2.119	2.026	1.273	16.3	68	3.7	117	11
04/04/24 23:40	-0.167	2.171	2.004	1.253	16.3	69	3.7	118	10
04/04/24 23:45	-0.161	2.261	2.100	1.287	16.3	69	3.7	117	13
04/04/24 23:50	-0.086	2.284	2.197	1.281	16.3	68	4.4	118	12
04/04/24 23:55	-0.008	2.307	2.299	1.287	16.3	69	4.4	116	11
05/04/24 00:00	-0.035	2.266	2.231	1.204	16.3	69	3.3	119	14
05/04/24 00:05	-0.084	2.225	2.141	1.168	16.3	69	4.4	116	09
05/04/24 00:10	-0.081	2.122	2.041	1.198	16.3	69	4.7	116	10
05/04/24 00:15	-0.112	1.979	1.867	1.211	16.3	71	3.9	118	14
05/04/24 00:20	-0.034	1.832	1.797	1.110	16.3	69	3.9	119	13
05/04/24 00:25	-0.062	1.706	1.643	1.129	16.2	68	3.8	120	12
05/04/24 00:30	-0.067	1.634	1.567	1.115	16.0	67	3.5	120	18
05/04/24 00:35	-0.053	1.496	1.444	1.089	16.0	67	3.7	126	15
05/04/24 00:40	-0.058	1.415	1.357	1.046	16.0	67	3.8	128	18
05/04/24 00:45	-0.057	1.333	1.276	1.005	16.0	67	5.0	132	12
05/04/24 00:50	0.063	1.197	1.260		16.0	66	5.2	132	09
05/04/24 00:55	0.102	1.106	1.208		16.0	67	4.6	133	12
05/04/24 01:00	0.017	1.072	1.090	1.015	16.0	67	4.7	135	12
05/04/24 01:05					16.1	68	4.5	136	12
05/04/24 01:10					16.0	67	4.1	130	13
05/04/24 01:15					16.0	67	3.7	128	16
05/04/24 01:20					15.9	68	3.1	128	24
05/04/24 01:25					15.8	67	3.5	129	15
05/04/24 01:30					15.7	68	3.8	132	13
05/04/24 01:35					15.7	67	4.4	135	13
05/04/24 01:40					15.7	68	3.4	128	17
05/04/24 01:45					15.7	69	2.5	128	22
05/04/24 01:50					15.7	69	2.7	126	15
05/04/24 01:55					15.6	67	3.2	126	14
05/04/24 02:00					15.5	67	3.5	130	13
05/04/24 02:05	0.003	1.081	1.084	0.622	15.5	67	4.5	136	11
05/04/24 02:10	-0.014	1.075	1.061	0.607	15.6	68	4.2	139	09
05/04/24 02:15	-0.031	1.094	1.062	0.651	15.6	67	4.7	142	16
05/04/24 02:20	-0.049	1.053	1.004	0.616	15.6	69	4.3	141	16
05/04/24 02:25	-0.093	0.981	0.888	0.661	15.6	69	4.3	145	15
05/04/24 02:30	-0.062	0.962	0.900	0.647	15.7	69	4.7	140	13
05/04/24 02:35	0.019	0.985	1.004	0.662	15.8	69	4.1	145	17
05/04/24 02:40	0.057	0.919	0.975	0.687	15.7	69	5.2	137	10
05/04/24 02:45	0.014	0.924	0.938	0.651	15.8	70	4.8	137	11
05/04/24 02:50	-0.060	0.929	0.870	0.662	15.7	70	4.3	135	13
05/04/24 02:55	-0.016	0.858	0.842	0.654	15.9	70	4.9	135	11
05/04/24 03:00	-0.012	0.892	0.880	0.641	15.7	70	4.5	135	10
05/04/24 03:05	0.010	0.914	0.924	0.744	15.7	70	5.4	139	09
05/04/24 03:10	0.095	0.876	0.970	0.754	15.8	71	3.5	130	16
05/04/24 03:15	0.173	0.857	1.029	0.732	15.7	70	4.4	134	11
05/04/24 03:20	0.109	0.890	0.999	0.805	15.6	70	4.0	132	15
05/04/24 03:25	0.056	0.886	0.942	0.741	15.7	71	4.1	131	13
05/04/24 03:30	0.155	0.878	1.033	0.765	15.7	72	3.9	138	14
05/04/24 03:35	0.045	0.865	0.910	0.759	15.7	73	3.2	137	18
05/04/24 03:40	-0.028	0.844	0.817	0.662	15.7	73	3.5	130	14
05/04/24 03:45	-0.088	0.925	0.837	0.623	15.6	72	2.6	128	20
05/04/24 03:50	-0.085	0.998	0.912	0.554	15.6	73	3.1	133	18
05/04/24 03:55	-0.033	1.044	1.012	0.593	15.7	72	3.1	131	16
05/04/24 04:00	-0.071	1.067	0.996	0.526	15.6	72	3.8	134	15
05/04/24 04:05	0.018	1.038	1.057	0.626	15.7	71	3.9	135	15
05/04/24 04:10	-0.088	1.055	0.968	0.705	15.7	71	3.9	139	15
05/04/24 04:15	-0.112	1.017	0.905	0.721	15.8	72	2.7	127	17
05/04/24 04:20	-0.173	1.022	0.849	0.753	15.8	72	2.7	125	17
05/04/24 04:25	-0.157	1.128	0.972	0.622	15.8	72	2.4	121	14
05/04/24 04:30	-0.119	1.221	1.102	0.588	15.8	72	2.3	118	18
05/04/24 04:35	-0.075	1.397	1.321	0.602	15.6	72	2.2	106	15
05/04/24 04:40	-0.030	1.552	1.523	0.643	15.4	72	2.6	108	13
05/04/24 04:45	-0.040	1.627	1.587	0.716	15.2	71	2.5	99	11
05/04/24 04:50	-0.101	1.796	1.695	0.773	15.0	70	2.0	80	10
05/04/24 04:55	-0.038	1.928	1.891	0.756	14.9	70	2.0	83	11
05/04/24 05:00	-0.029	2.260	2.231	0.703	14.8	71	2.8	104	10
05/04/24 05:05	-0.014	2.458	2.445	0.692	15.1	73	2.4	123	16
05/04/24 05:10	0.037	2.277	2.314	0.667	15.3	73	2.2	115	16
05/04/24 05:15	0.021	2.166	2.188	0.627	15.4	72	2.7	119	12
05/04/24 05:20	-0.060	2.072	2.012	0.591	15.4	73	3.0	115	08
05/04/24 05:25	-0.067	2.081	2.015	0.624	15.2	71	3.1	102	08
05/04/24 05:30	0.004	2.295	2.299	0.614	15.0	71	2.9	108	07
05/04/24 05:35	0.060	2.828	2.888	0.634	15.0	72	2.5	107	09
05/04/24 05:40	0.074	3.440	3.514	0.606	14.9	74	2.5	113	09
05/04/24 05:45	0.158	3.908	4.066	0.649	14.8	73	2.0	107	10
05/04/24 05:50	0.068	4.177	4.245	0.715	14.7	74	2.0	109	10
05/04/24 05:55	0.040	4.343	4.383	0.745	14.8	75	1.3	121	19
05/04/24 06:00	0.058	4.364	4.422	0.711	14.8	75	1.8	121	17
05/04/24 06:05	0.020	4.434	4.453	0.704	14.8	75	2.2	133	16
05/04/24 06:10	0.128	4.492	4.620	0.725	14.8	75	2.1	137	17
05/04/24 06:15	0.215	4.654	4.868	0.724	14.8	75	1.8	131	18
05/04/24 06:20	0.214	4.628	4.842	0.752	14.8	76	1.6	118	19
05/04/24 06:25	0.559	4.692	5.251	0.771	15.0	76	1.9	117	14
05/04/24 06:30	0.551	5.028	5.579	0.747	15.0	75	1.5	109	13
05/04/24 06:35	0.991	5.843	6.834	0.747	15.0	75	1.1	117	13
05/04/24 06:40	0.273	6.877	7.150	0.778	15.0	74	1.0	110	16
05/04/24 06:45	0.153	6.893	7.046	0.765	15.1	75	0.9	132	27
05/04/24 06:50	0.030	6.873	6.903	0.807	15.1	74	1.0	123	26
05/04/24 06:55	0.127	7.047	7.174	0.755	15.1	74	1.3	137	21
05/04/24 07:00	0.221	7.017	7.238	0.837	15.3	74	1.3	133	26
05/04/24 07:05	0.246	7.139	7.385	0.811	15.3	74	1.4	130	19
05/04/24 07:10	0.153	7.439	7.593	0.825	15.4	74	1.5	121	14
05/04/24 07:15	0.066	7.885	7.951	0.900	15.4	74	1.6	120	18
05/04/24 07:20	0.154	8.171	8.325	1.014	15.3	74	1.9	106	10
05/04/24 07:25	0.295	9.099	9.394	1.088	15.3	73	1.7	109	06
05/04/24 07:30	9.772	28.045	37.817	1.095	15.3	73	1.8	111	07
05/04/24 07:35	1.426	13.613	15.039	1.051	15.1	74	1.8	108	09
05/04/24 07:40	1.688	15.263	16.951	0.918	15.0	72	1.7	96	07
05/04/24 07:45	2.277	17.218	19.495	0.920	14.8	73	2.0	99	08
05/04/24 07:50	3.605	17.073	20.678	0.988	14.8	73	2.3	102	09
05/04/24 07:55	3.726	17.352	21.079	1.062	14.8	73	2.4	105	10
05/04/24 08:00	4.217	18.050	22.266	1.118	14.8	73	2.2	100	09

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/04/24 08:05	4.857	18.545	23.402	1.094	14.8	72	2.3	93	10
05/04/24 08:10	5.696	18.880	24.576	1.103	14.8	73	2.3	104	11
05/04/24 08:15	6.793	19.193	25.987	1.068	14.9	73	2.4	99	12
05/04/24 08:20	7.846	19.154	27.000	0.986	14.9	73	2.0	107	15
05/04/24 08:25	8.131	18.353	26.484	0.881	15.0	73	2.2	102	09
05/04/24 08:30	7.648	17.694	25.342	0.870	15.0	72	2.4	107	10
05/04/24 08:35	7.494	17.256	24.750	0.902	15.3	73	2.2	91	17
05/04/24 08:40	7.923	17.496	25.419	0.839	15.1	71	1.6	88	13
05/04/24 08:45	8.244	17.620	25.864	0.788	15.2	71	1.5	79	15
05/04/24 08:50	9.069	17.649	26.718	0.910	15.2	70	1.4	71	17
05/04/24 08:55	9.955	17.572	27.527	0.934	15.2	70	1.5	93	13
05/04/24 09:00	11.375	17.757	29.132	1.048	15.4	70	1.6	97	10
05/04/24 09:05	12.339	17.455	29.794	1.037	15.6	70	1.7	107	10
05/04/24 09:10	11.877	16.795	28.671	1.226	15.9	70	1.6	116	12
05/04/24 09:15	10.927	15.876	26.803	1.318	16.1	69	1.4	121	20
05/04/24 09:20	16.766	23.019	39.785	1.551	16.5	68	1.5	121	15
05/04/24 09:25	11.095	13.841	24.935	1.878	16.7	67	1.5	118	16
05/04/24 09:30	9.776	13.361	23.137	2.339	16.8	67	1.3	120	22
05/04/24 09:35	10.165	12.612	22.777	2.698	16.9	67	1.5	126	19
05/04/24 09:40	6.962	11.148	18.110	3.005	17.0	67	1.4	118	20
05/04/24 09:45	5.642	10.003	15.645	3.219	17.1	67	1.4	118	20
05/04/24 09:50	5.343	9.471	14.814	3.173	17.2	66	1.9	122	14
05/04/24 09:55	4.961	8.904	13.865	3.039	17.2	66	1.7	127	19
05/04/24 10:00	4.749	8.693	13.442	3.050	17.4	66	1.2	122	22
05/04/24 10:05	4.748	8.947	13.695	3.197	17.4	65	1.0	123	24
05/04/24 10:10	8.838	5.848	14.685	3.322	17.4	65	1.3	146	26
05/04/24 10:15	5.535	11.220	16.755	3.160	17.3	64	1.9	142	14
05/04/24 10:20	6.467	10.940	17.407	2.951	17.2	67	2.1	116	09
05/04/24 10:25	6.633	10.970	17.603	2.522	17.2	66	2.1	112	09
05/04/24 10:30	6.727	10.836	17.563	2.068	17.2	66	2.0	118	15
05/04/24 10:35	6.754	10.833	17.587	2.017	17.3	65	2.3	141	17
05/04/24 10:40	6.952	10.748	17.699	2.474	17.1	65	2.1	122	17
05/04/24 10:45	7.071	10.586	17.657	2.703	17.2	65	1.1	132	20
05/04/24 10:50	7.392	10.681	18.074	2.692	17.7	63	1.0	140	30
05/04/24 10:55	7.330	10.650	17.980	2.781	17.9	63	1.3	156	28
05/04/24 11:00	7.226	10.407	17.633	2.965	18.3	62	1.8	146	23
05/04/24 11:05	6.742	9.686	16.428	2.734	17.9	62	2.1	131	15
05/04/24 11:10	6.373	9.289	15.662	2.385	18.1	63	1.5	133	25
05/04/24 11:15	6.189	8.991	15.180	2.148	18.3	61	1.3	143	24
05/04/24 11:20	6.187	8.713	14.900	1.955	18.5	61	1.1	152	24
05/04/24 11:25	6.185	8.498	14.683	2.058	18.8	61	0.7	169	42
05/04/24 11:30	6.707	8.489	15.196	1.880	18.9	61	0.9	152	37
05/04/24 11:35	6.596	8.676	15.272	1.449	19.2	59	1.0	169	24
05/04/24 11:40	12.546	22.773	35.319	1.423	18.8	61	2.0	203	14
05/04/24 11:45	32.446	12.454	44.900	1.672	17.8	65	2.3	208	06
05/04/24 11:50	5.433	8.422	13.855	1.651	17.4	66	2.0	206	09
05/04/24 11:55	5.563	8.304	13.867	1.784	17.6	65	2.5	203	07
05/04/24 12:00	6.218	8.598	14.816	1.482	17.4	67	2.3	206	08
05/04/24 12:05	5.424	7.940	13.364	1.418	17.2	69	2.5	220	07
05/04/24 12:10	5.721	8.476	14.196	1.388	17.0	69	2.5	215	09
05/04/24 12:15	6.059	8.231	14.290	1.210	17.1	69	2.2	205	10
05/04/24 12:20	6.271	8.331	14.602	1.301	17.6	67	2.2	208	08
05/04/24 12:25	6.334	8.269	14.603	1.321	17.5	70	2.6	207	09
05/04/24 12:30	6.436	8.415	14.851	1.215	17.8	69	3.0	201	06
05/04/24 12:35	6.963	9.865	16.828	1.358	18.1	68	2.7	200	07
05/04/24 12:40	2.028	3.398	5.426	1.348	17.9	68	2.4	204	07
05/04/24 12:45	1.936	4.223	6.159	1.261	17.9	69	2.2	205	08
05/04/24 12:50	2.032	4.202	6.233	1.304	17.8	69	2.6	207	06
05/04/24 12:55	1.893	3.747	5.640	1.115	17.8	70	2.7	207	09
05/04/24 13:00	1.943	3.799	5.743	1.364	18.0	70	3.7	201	05
05/04/24 13:05	1.913	3.776	5.689	1.456	18.2	69	3.4	200	07
05/04/24 13:10	1.820	3.551	5.371	1.387	18.2	70	3.9	208	06
05/04/24 13:15	1.873	3.563	5.436	1.204	18.0	72	4.0	210	08
05/04/24 13:20	1.718	3.231	4.949	1.176	18.2	70	4.1	208	07
05/04/24 13:25	1.340	2.693	4.033	1.227	18.2	70	4.3	203	06
05/04/24 13:30	1.148	2.290	3.438	1.190	18.4	69	4.4	199	05
05/04/24 13:35	0.988	2.229	3.217	1.052	18.4	71	4.4	206	05
05/04/24 13:40	0.836	2.243	3.079	1.238	18.4	71	4.5	204	05
05/04/24 13:45	0.765	2.234	2.999	1.324	18.5	71	4.5	203	06
05/04/24 13:50	0.637	2.266	2.902	1.309	18.5	71	4.5	205	05
05/04/24 13:55	0.638	2.244	2.882	1.213	18.6	71	4.4	204	05
05/04/24 14:00	0.612	2.190	2.802	1.376	18.5	71	4.6	205	04
05/04/24 14:05	0.606	2.151	2.757	1.429	18.5	72	4.8	207	06
05/04/24 14:10	0.659	2.201	2.860	1.404	18.6	72	5.0	208	06
05/04/24 14:15	0.637	2.125	2.762	1.274	18.7	72	5.2	207	04
05/04/24 14:20	0.585	2.014	2.599	1.326	18.6	73	5.4	206	04
05/04/24 14:25	0.579	1.819	2.398	1.352	18.8	72	5.3	207	06
05/04/24 14:30	0.504	1.822	2.326	1.381	18.7	72	5.2	211	05
05/04/24 14:35	0.623	2.191	2.814	1.321	18.7	73	5.6	213	04
05/04/24 14:40	0.768	2.443	3.211	1.245	18.8	72	5.5	211	03
05/04/24 14:45	0.982	2.944	3.926	1.333	18.8	72	5.3	210	05
05/04/24 14:50	1.595	3.972	5.567	1.298	18.9	72	5.4	210	04
05/04/24 14:55	1.516	4.101	5.617	1.350	18.9	73	5.3	214	06
05/04/24 15:00	1.307	2.922	4.229	1.346	19.0	73	5.4	212	06
05/04/24 15:05	1.333	2.984	4.317	1.323	19.1	73	5.4	213	05
05/04/24 15:10	1.245	2.966	4.211	1.388	19.1	72	5.3	214	06
05/04/24 15:15	1.203	2.737	3.940	1.383	19.2	73	5.9	217	06
05/04/24 15:20	1.177	2.539	3.717	1.361	19.1	73	5.7	215	05
05/04/24 15:25	1.037	2.564	3.601	1.286	19.3	73	5.6	214	06
05/04/24 15:30	0.957	2.736	3.693	1.324	19.4	73	5.7	210	06
05/04/24 15:35	0.923	2.973	3.896	1.361	19.5	73	5.8	218	05
05/04/24 15:40	0.764	2.893	3.657	1.294	19.6	74	5.4	215	06
05/04/24 15:45	0.810	2.976	3.786	1.232	19.7	72	6.1	209	05
05/04/24 15:50	0.655	2.632	3.286	1.524	19.9	71	5.8	202	05
05/04/24 15:55	0.529	2.297	2.826	1.532	20.1	73	6.2	207	05
05/04/24 16:00	0.562	2.027	2.590	1.346	19.9	74	6.7	205	04
05/04/24 16:05	0.625	2.148	2.773	1.168	20.0	74	6.8	203	04
05/04/24 16:10	0.594	2.351	2.945	1.238	19.8	76	6.9	204	04
05/04/24 16:15	0.495	2.048	2.542	1.172	19.8	76	6.7	203	05
05/04/24 16:20	0.527	1.739	2.266	1.205	19.9	73	5.9	197	07
05/04/24 16:25	0.543	1.704	2.247	1.029	20.0	75	7.0	203	04
05/04/24 16:30	0.448	1.542	1.989	1.060	19.9	75	7.2	202	04
05/04/24 16:35	0.446	1.413	1.858	1.177	20.0	75	7.1	201	05
05/04/24 16:40	0.478	1.370	1.848	1.121	20.0	74	6.8	199	07

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/04/24 16:45	0.525	1.546	2.070	1.266	20.2	72	6.7	197	05
05/04/24 16:50	0.497	1.637	2.134	1.373	20.1	73	7.2	198	04
05/04/24 16:55	0.477	1.666	2.144	1.281	20.1	74	6.3	198	06
05/04/24 17:00	0.649	1.964	2.613	1.205	20.1	73	6.8	199	06
05/04/24 17:05	0.897	2.171	3.068	1.221	20.0	72	6.4	196	06
05/04/24 17:10	0.963	2.260	3.223	1.147	20.1	74	6.9	199	05
05/04/24 17:15	0.756	1.904	2.660	1.317	19.9	76	6.8	200	05
05/04/24 17:20	0.806	2.324	3.130	1.281	20.0	74	6.4	197	07
05/04/24 17:25	1.651	4.216	5.867	1.202	20.1	74	5.7	198	08
05/04/24 17:30	1.453	2.825	4.278	1.146	19.9	75	6.3	196	07
05/04/24 17:35	22.570	16.392	38.962	0.950	19.8	74	6.0	195	08
05/04/24 17:40	5.902	4.718	10.620	1.080	19.6	74	6.7	197	07
05/04/24 17:45	34.479	10.878	45.357	1.106	19.6	73	6.0	196	07
05/04/24 17:50	19.198	13.566	32.764	1.270	19.5	74	5.9	195	06
05/04/24 17:55	41.167	24.580	65.747	1.311	19.4	75	5.4	193	07
05/04/24 18:00	65.514	25.853	91.367	1.521	19.3	75	5.6	193	09
05/04/24 18:05	76.359	41.139	117.498	1.571	19.3	75	5.2	193	09
05/04/24 18:10	67.698	33.999	101.697	1.623	19.3	76	5.7	195	07
05/04/24 18:15	15.145	14.734	29.878	1.455	19.3	77	5.6	197	06
05/04/24 18:20	47.624	20.644	68.268	1.322	19.5	75	5.2	195	09
05/04/24 18:25	66.958	34.884	101.842	1.597	19.5	75	5.9	191	08
05/04/24 18:30	128.468	34.184	162.653	1.846	19.4	75	5.6	194	08
05/04/24 18:35	110.377	34.325	144.702	1.911	19.4	76	5.7	195	08
05/04/24 18:40	98.362	32.453	130.815	1.737	19.3	76	5.1	193	08
05/04/24 18:45	135.331	25.503	160.834	1.887	19.3	76	5.6	194	07
05/04/24 18:50	130.396	33.209	163.604	1.954	19.1	77	5.4	194	08
05/04/24 18:55	72.316	28.290	100.606	1.918	19.2	78	4.5	195	09
05/04/24 19:00	108.921	25.045	133.965	1.725	19.1	78	4.5	194	10
05/04/24 19:05	90.686	28.147	118.833	1.803	19.3	79	4.0	191	12
05/04/24 19:10	98.950	30.899	129.849	1.948	19.1	79	4.4	195	09
05/04/24 19:15	88.406	26.960	115.366	1.911	19.1	80	4.0	189	13
05/04/24 19:20	111.430	35.074	146.504	1.787	19.1	80	3.8	189	13
05/04/24 19:25	95.044	28.519	123.563	1.982	19.0	80	4.0	190	10
05/04/24 19:30	102.619	28.347	130.965	1.992	19.1	80	4.3	193	08
05/04/24 19:35	136.184	31.959	168.143	2.017	19.0	80	4.0	193	10
05/04/24 19:40	145.426	30.244	175.670	2.086	19.0	80	4.2	191	10
05/04/24 19:45	109.558	32.538	142.096	2.139	18.9	81	4.2	192	10
05/04/24 19:50	129.879	21.181	151.060	2.035	18.9	82	3.1	188	14
05/04/24 19:55	48.854	21.026	69.881	1.839	19.0	83	3.0	180	16
05/04/24 20:00	44.630	24.056	68.685	1.658	19.0	84	2.6	178	20
05/04/24 20:05	16.726	13.292	30.019	1.389	19.0	84	2.8	175	18
05/04/24 20:10	41.537	20.981	62.518	1.378	19.0	84	3.1	180	19
05/04/24 20:15	19.913	14.384	34.297	1.436	19.0	84	2.7	175	18
05/04/24 20:20	37.298	19.613	56.911	1.253	18.9	85	2.7	184	17
05/04/24 20:25	42.229	22.526	64.755	1.315	18.9	85	2.8	178	18
05/04/24 20:30	18.591	16.155	34.746	1.356	19.0	86	2.8	176	20
05/04/24 20:35	32.240	18.901	51.140	1.202	19.0	86	3.0	180	16
05/04/24 20:40	16.219	12.024	28.243	1.357	19.0	87	2.5	175	23
05/04/24 20:45	9.207	10.606	19.813	1.329	19.0	86	2.9	176	21
05/04/24 20:50	6.957	6.314	13.272	1.239	19.0	86	2.0	176	32
05/04/24 20:55	6.345	7.880	14.225	1.235	19.0	86	2.6	178	20
05/04/24 21:00	17.475	12.867	30.342	1.236	19.1	86	2.7	174	22
05/04/24 21:05	5.936	7.719	13.655	0.998	19.1	86	2.6	172	19
05/04/24 21:10	7.371	9.544	16.915	0.858	19.0	86	2.7	173	24
05/04/24 21:15	3.343	4.243	7.587	0.908	19.0	85	2.2	162	26
05/04/24 21:20	1.777	4.158	5.935	0.795	19.0	85	2.3	164	25
05/04/24 21:25	0.621	2.231	2.852	0.833	18.9	83	2.7	140	18
05/04/24 21:30	0.284	2.445	2.728	1.027	18.9	83	3.2	136	11
05/04/24 21:35	0.188	2.777	2.965	0.931	18.9	81	3.3	139	09
05/04/24 21:40	0.256	3.180	3.436	0.790	18.8	82	2.3	124	20
05/04/24 21:45	0.318	3.744	4.062	0.840	18.7	81	2.7	129	14
05/04/24 21:50	0.170	4.316	4.486	0.840	18.7	83	2.3	113	11
05/04/24 21:55	0.088	4.724	4.812	1.082	18.6	83	2.7	110	09
05/04/24 22:00	0.017	5.129	5.146	1.374	18.7	83	2.4	112	09
05/04/24 22:05	-0.011	5.442	5.431	1.363	18.6	83	2.2	113	15
05/04/24 22:10	0.047	5.693	5.741	1.067	18.6	83	2.4	112	16
05/04/24 22:15	0.053	5.866	5.919	1.179	18.7	82	3.3	117	09
05/04/24 22:20	0.097	6.066	6.163	1.087	18.7	81	1.8	123	20
05/04/24 22:25	-0.025	6.217	6.192	0.876	18.7	81	2.6	116	14
05/04/24 22:30	-0.051	6.293	6.242	0.980	18.7	81	2.3	114	17
05/04/24 22:35	0.024	6.063	6.087	1.141	18.8	78	2.8	119	13
05/04/24 22:40	0.136	5.751	5.887	1.069	18.7	77	3.3	115	11
05/04/24 22:45	0.120	5.379	5.499	0.987	18.7	77	3.1	111	09
05/04/24 22:50	0.143	4.966	5.110	0.928	18.7	75	3.8	108	07
05/04/24 22:55	0.217	4.557	4.774	0.969	18.7	75	3.4	108	07
05/04/24 23:00	0.084	4.253	4.337	0.859	18.7	75	2.6	106	07
05/04/24 23:05	0.078	4.095	4.173	0.793	18.6	75	3.2	105	07
05/04/24 23:10	0.161	3.980	4.142	0.768	18.6	74	3.5	105	08
05/04/24 23:15	0.130	3.852	3.982	0.795	18.6	73	3.5	107	08
05/04/24 23:20	0.034	3.745	3.779	0.930	18.6	74	3.6	104	10
05/04/24 23:25	0.007	3.630	3.637	0.950	18.4	73	3.3	101	08
05/04/24 23:30	0.007	3.505	3.512	0.932	18.4	74	3.5	100	07
05/04/24 23:35	0.026	3.381	3.408	0.889	18.5	75	3.5	105	06
05/04/24 23:40	0.018	3.398	3.416	0.934	18.4	74	4.2	102	05
05/04/24 23:45	-0.051	3.528	3.478	0.905	18.4	74	3.5	104	06
05/04/24 23:50	-0.008	3.536	3.528	0.905	18.4	74	3.4	101	09
05/04/24 23:55	-0.047	3.552	3.505	0.868	18.3	75	3.7	109	08
06/04/24 00:00	-0.095	3.461	3.366	0.907	18.3	75	4.1	104	06
06/04/24 00:05	-0.068	3.347	3.279	0.932	18.4	76	3.5	105	08
06/04/24 00:10	-0.063	3.298	3.234	0.902	18.4	74	3.4	101	08
06/04/24 00:15	0.070	3.309	3.379	0.918	18.3	74	3.4	102	09
06/04/24 00:20	0.065	3.251	3.316	0.893	18.3	74	3.1	97	12
06/04/24 00:25	0.149	3.176	3.325	0.870	18.4	75	3.7	104	07
06/04/24 00:30	0.138	2.958	3.097	0.836	18.4	75	3.6	105	09
06/04/24 00:35	0.079	2.742	2.821	0.915	18.4	75	3.3	103	10
06/04/24 00:40	-0.047	2.647	2.600	0.916	18.4	76	2.5	107	07
06/04/24 00:45	-0.049	2.544	2.495	0.800	18.4	76	3.1	104	07
06/04/24 00:50	0.007	2.541	2.548		18.3	75	2.0	111	11
06/04/24 00:55	0.056	2.487	2.543		18.4	76	2.4	109	08
06/04/24 01:00	0.034	2.380	2.414	0.791	18.4	77	2.1	113	10
06/04/24 01:05					18.3	78	2.1	110	12
06/04/24 01:10					18.4	77	2.8	110	09
06/04/24 01:15					18.2	77	2.5	107	08
06/04/24 01:20					18.2	78	2.6	104	10

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/04/24 01:25					18.2	78	1.6	106	08
06/04/24 01:30					18.1	77	1.5	100	10
06/04/24 01:35					18.0	77	1.3	106	10
06/04/24 01:40					18.0	77	1.1	106	15
06/04/24 01:45					18.1	77	1.4	106	11
06/04/24 01:50					18.0	77	1.4	105	08
06/04/24 01:55					18.0	77	1.3	106	07
06/04/24 02:00					18.0	76	1.2	90	19
06/04/24 02:05	0.088	2.490	2.578	0.508	18.0	76	1.0	99	10
06/04/24 02:10	-0.011	2.568	2.557	0.499	18.0	76	1.1	103	10
06/04/24 02:15	-0.002	2.673	2.672	0.473	18.0	77	0.7	107	17
06/04/24 02:20	0.042	2.706	2.748	0.406	17.9	77	1.0	101	07
06/04/24 02:25	0.076	2.747	2.823	0.348	17.8	76	0.9	95	13
06/04/24 02:30	0.064	2.748	2.813	0.398	17.8	76	1.0	88	12
06/04/24 02:35	0.018	2.774	2.791	0.086	17.8	76	0.9	95	09
06/04/24 02:40	0.106	2.837	2.943	-0.071	17.8	76	0.7	91	08
06/04/24 02:45	0.098	3.075	3.173	0.098	17.7	76	0.4	89	15
06/04/24 02:50	0.118	3.370	3.487	0.490	17.6	76	0.2	148	37
06/04/24 02:55	0.134	3.525	3.659	0.694	17.6	77	0.2	141	37
06/04/24 03:00	0.362	3.786	4.148	0.664	17.5	77	0.5	87	16
06/04/24 03:05	0.542	4.205	4.746	0.639	17.5	77	0.4	107	34
06/04/24 03:10	0.426	3.971	4.398	0.613	17.4	78	0.3	109	25
06/04/24 03:15	0.338	3.986	4.324	0.383	17.4	78	0.4	106	20
06/04/24 03:20	0.376	4.056	4.432	0.137	17.4	78	0.5	115	21
06/04/24 03:25	0.443	4.030	4.474	0.220	17.5	78	0.2	82	27
06/04/24 03:30	0.460	4.079	4.539	0.274	17.5	78	0.5	150	35
06/04/24 03:35	0.307	3.773	4.080	0.333	17.6	78	1.1	121	15
06/04/24 03:40	0.150	3.354	3.503	0.219	17.7	78	1.4	125	16
06/04/24 03:45	0.078	2.919	2.997	0.303	17.8	77	1.1	122	17
06/04/24 03:50	0.114	2.582	2.696	0.293	17.8	77	1.1	115	18
06/04/24 03:55	0.121	2.471	2.592	0.192	17.8	77	1.5	100	07
06/04/24 04:00	0.097	2.424	2.522	0.265	17.8	77	1.3	95	07
06/04/24 04:05	0.090	2.320	2.411	0.278	17.7	77	1.2	91	12
06/04/24 04:10	0.047	2.324	2.371	0.328	17.6	77	1.1	100	08
06/04/24 04:15	0.066	2.329	2.395	0.371	17.7	77	0.9	98	11
06/04/24 04:20	0.146	2.382	2.528	0.305	17.7	78	0.8	109	11
06/04/24 04:25	0.258	2.369	2.627	0.299	17.7	78	0.6	112	13
06/04/24 04:30	0.132	2.475	2.608	0.462	17.7	78	0.7	115	17
06/04/24 04:35	0.424	2.793	3.217	0.505	17.6	78	1.0	117	12
06/04/24 04:40	0.330	2.562	2.892	0.336	17.6	79	0.6	109	16
06/04/24 04:45	0.069	2.691	2.760	0.328	17.6	80	0.7	126	20
06/04/24 04:50	0.132	2.516	2.648	0.403	17.6	79	1.0	98	11
06/04/24 04:55	0.060	2.496	2.555	0.295	17.6	79	0.6	95	10
06/04/24 05:00	0.088	2.705	2.794	0.323	17.5	79	0.5	87	14
06/04/24 05:05	0.344	2.992	3.336	0.521	17.4	80	0.7	83	10
06/04/24 05:10	0.923	3.926	4.848	0.451	17.3	80	0.6	93	17
06/04/24 05:15	0.407	4.307	4.713	0.436	17.3	80	0.4	112	19
06/04/24 05:20	0.403	4.071	4.474	0.520	17.3	81	0.3	92	23
06/04/24 05:25	0.377	4.149	4.526	0.487	17.3	82	0.4	176	47
06/04/24 05:30	0.364	4.096	4.461	0.422	17.2	82	0.6	117	19
06/04/24 05:35	0.375	3.934	4.309	0.349	17.2	82	0.6	123	27
06/04/24 05:40	0.345	3.656	4.001	0.295	17.1	82	0.5	102	31
06/04/24 05:45	0.329	3.516	3.845	0.245	17.1	82	0.5	84	14
06/04/24 05:50	0.459	3.658	4.117	0.265	17.0	82	0.4	94	18
06/04/24 05:55	0.379	3.895	4.274	0.191	16.9	82	0.6	88	15
06/04/24 06:00	0.346	4.211	4.557	0.209	16.9	82	0.7	56	18
06/04/24 06:05	0.464	4.977	5.441	0.262	16.7	83	1.0	45	08
06/04/24 06:10	0.972	6.195	7.167	0.274	16.7	84	0.8	37	13
06/04/24 06:15	2.766	14.129	16.894	0.367	16.6	84	0.7	39	17
06/04/24 06:20	19.915	18.627	38.542	0.666	16.7	83	0.7	11	16
06/04/24 06:25	42.142	19.119	61.261	0.829	16.8	83	0.5	356	11
06/04/24 06:30	52.862	20.208	73.070	0.839	16.8	83	0.3	32	22
06/04/24 06:35	50.720	22.825	73.546	0.810	16.8	84	0.3	130	27
06/04/24 06:40	36.676	21.275	57.951	0.905	16.8	84	0.7	89	22
06/04/24 06:45	35.823	19.272	55.095	0.802	16.8	83	0.5	46	27
06/04/24 06:50	23.750	18.177	41.927	0.710	16.9	83	0.3	35	19
06/04/24 06:55	23.611	18.364	41.975	0.717	17.0	82	0.4	1	22
06/04/24 07:00	36.780	17.758	54.538	0.911	17.0	83	0.5	48	16
06/04/24 07:05	44.794	14.967	59.761	1.120	16.8	84	0.6	58	08
06/04/24 07:10	49.974	19.272	69.246	1.192	16.6	85	0.6	61	11
06/04/24 07:15	48.974	20.051	69.025	0.993	16.6	85	0.6	26	20
06/04/24 07:20	45.892	19.862	65.754	1.173	16.5	85	0.5	7	16
06/04/24 07:25	55.242	17.699	72.941	1.301	16.6	85	0.3	9	25
06/04/24 07:30	59.974	18.746	78.720	1.256	16.6	86	0.4	327	11
06/04/24 07:35	48.546	22.014	70.561	1.196	16.6	85	1.0	333	08
06/04/24 07:40	50.558	20.111	70.669	1.130	16.6	85	0.9	317	11
06/04/24 07:45	51.266	19.992	71.258	1.149	16.8	85	0.3	318	18
06/04/24 07:50	54.188	19.014	73.202	1.173	16.7	85	0.4	326	13
06/04/24 07:55	58.898	17.747	76.645	1.150	16.7	85	0.9	358	12
06/04/24 08:00	69.472	21.971	91.443	1.307	16.7	86	1.1	352	13
06/04/24 08:05	76.466	20.009	96.476	1.354	16.7	86	0.9	355	14
06/04/24 08:10	75.510	19.912	95.422	1.369	16.7	86	1.0	340	16
06/04/24 08:15	78.110	22.026	100.136	1.311	16.7	85	1.3	352	12
06/04/24 08:20	82.417	24.099	106.516	1.529	16.8	85	1.4	348	14
06/04/24 08:25	91.236	23.179	114.416	1.669	16.8	85	1.4	341	14
06/04/24 08:30	99.765	20.814	120.580	1.695	16.8	85	1.7	320	08
06/04/24 08:35	101.390	21.491	122.881	1.723	16.8	85	1.5	318	09
06/04/24 08:40	98.455	23.140	121.595	1.870	16.9	84	0.9	332	24
06/04/24 08:45	96.101	24.509	120.610	1.802	17.0	84	0.8	340	30
06/04/24 08:50	94.716	24.424	119.140	1.795	17.0	85	0.7	343	30
06/04/24 08:55	92.444	25.845	118.289	1.851	17.1	85	0.7	355	29
06/04/24 09:00	91.806	26.071	117.876	1.805	17.1	84	1.2	356	17
06/04/24 09:05	92.724	25.499	118.223	1.779	17.2	84	1.2	4	12
06/04/24 09:10	94.445	24.676	119.121	1.872	17.2	84	1.4	356	15
06/04/24 09:15	95.123	24.336	119.458	1.884	17.1	84	1.2	320	16
06/04/24 09:20	94.679	23.995	118.674	1.840	17.1	84	1.2	301	15
06/04/24 09:25	93.372	23.887	117.260	1.811	17.2	84	1.0	296	21
06/04/24 09:30	91.242	23.838	115.081	1.800	17.3	84	0.9	297	14
06/04/24 09:35	87.739	23.500	111.239	1.702	17.3	84	0.9	295	27
06/04/24 09:40	83.797	23.844	107.641	1.779	17.4	84	0.7	286	13
06/04/24 09:45	83.606	23.611	107.217	1.802	17.4	83	0.3	3	55
06/04/24 09:50	81.414	23.028	104.442	1.809	17.4	82	0.4	50	13
06/04/24 09:55	78.991	23.001	101.992	1.875	17.5	82	0.7	351	20
06/04/24 10:00	75.249	24.054	99.303	1.869	17.6	82	0.7	329	36

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/04/24 10:05	70.169	24.891	95.060	1.923	17.6	82	1.2	298	12
06/04/24 10:10	64.888	26.067	90.955	1.923	17.6	81	1.4	305	13
06/04/24 10:15	61.502	25.539	87.041	1.956	17.8	81	1.4	290	16
06/04/24 10:20	60.413	24.732	85.145	1.885	17.8	81	1.9	270	08
06/04/24 10:25	40.726	41.682	82.408	1.799	17.8	80	1.8	265	07
06/04/24 10:30	32.634	47.004	79.638	1.730	17.8	81	1.5	252	06
06/04/24 10:35	38.767	39.292	78.059	1.683	18.0	79	1.0	248	10
06/04/24 10:40	40.083	36.131	76.214	1.721	18.0	79	0.8	245	15
06/04/24 10:45	44.290	32.169	76.459	1.767	18.0	78	0.5	250	17
06/04/24 10:50	49.369	27.325	76.694	1.891	18.1	78	1.0	226	08
06/04/24 10:55	48.220	26.534	74.755	2.024	18.4	78	0.8	229	13
06/04/24 11:00	44.740	26.612	71.352	1.988	18.4	77	0.1	267	78
06/04/24 11:05	46.426	23.692	70.118	1.985	19.0	75	0.8	136	33
06/04/24 11:10	53.332	20.642	73.974	1.900	19.6	72	0.7	170	29
06/04/24 11:15	49.564	23.398	72.963	1.807	19.7	72	0.7	151	36
06/04/24 11:20	43.141	21.420	64.562	1.847	19.6	72	1.5	215	13
06/04/24 11:25	40.668	22.980	63.648	1.854	19.1	75	1.6	213	13
06/04/24 11:30	43.279	21.920	65.199	1.743	18.8	76	1.6	235	14
06/04/24 11:35	44.562	22.404	66.965	1.702	18.8	77	1.5	251	10
06/04/24 11:40	46.202	23.002	69.204	1.646	18.8	77	1.3	228	06
06/04/24 11:45	45.755	23.114	68.869	1.631	18.8	78	1.3	226	05
06/04/24 11:50	44.676	22.824	67.500	1.649	19.0	76	1.2	210	08
06/04/24 11:55	43.391	22.611	66.003	1.721	19.2	75	1.3	224	08
06/04/24 12:00	40.811	23.616	64.427	1.818	19.1	76	2.8	221	04
06/04/24 12:05	34.285	25.973	60.258	1.828	18.8	79	2.8	221	03
06/04/24 12:10	30.500	23.182	53.682	1.750	18.9	78	1.7	228	07
06/04/24 12:15	29.731	21.036	50.768	1.664	18.9	77	1.9	248	05
06/04/24 12:20	28.904	20.427	49.331	1.459	19.1	77	1.3	246	08
06/04/24 12:25	27.594	20.385	47.978	1.410	19.2	76	1.9	237	04
06/04/24 12:30	24.446	20.073	44.519	1.440	19.4	76	2.4	209	12
06/04/24 12:35	16.970	15.774	32.744	1.428	19.7	75	2.2	216	07
06/04/24 12:40	13.578	13.946	27.524	1.437	19.5	75	2.4	237	04
06/04/24 12:45	12.454	13.683	26.137	1.296	19.7	76	0.7	229	17
06/04/24 12:50	12.175	13.593	25.768	1.203	20.3	73	0.6	203	21
06/04/24 12:55	11.510	11.138	22.648	1.148	20.5	72	1.0	212	19
06/04/24 13:00	10.046	10.793	20.839	1.235	20.5	72	1.4	215	05
06/04/24 13:05	9.188	10.660	19.848	1.258	20.5	71	1.5	212	05
06/04/24 13:10	7.897	10.173	18.071	1.251	20.4	71	1.2	219	05
06/04/24 13:15	6.539	8.170	14.708	1.247	20.5	72	1.5	219	02
06/04/24 13:20	6.047	7.933	13.980	1.184	20.4	73	1.6	217	08
06/04/24 13:25	6.756	11.790	18.546	1.158	20.1	74	1.5	236	09
06/04/24 13:30	7.321	13.103	20.425	1.056	20.0	75	1.4	233	07
06/04/24 13:35	7.584	13.267	20.851	1.039	19.9	74	1.5	238	06
06/04/24 13:40	7.486	13.200	20.685	0.915	19.9	76	1.6	237	07
06/04/24 13:45	6.860	12.595	19.454	0.908	20.0	77	1.7	235	04
06/04/24 13:50	6.357	11.571	17.928	0.809	19.9	78	1.4	229	06
06/04/24 13:55	5.837	10.932	16.768	0.865	20.1	77	0.9	218	13
06/04/24 14:00	5.232	10.352	15.584	0.838	20.4	73	0.6	137	46
06/04/24 14:05	4.546	9.095	13.641	0.809	20.9	68	0.9	138	21
06/04/24 14:10	3.765	5.505	9.270	0.774	21.3	66	1.6	142	25
06/04/24 14:15	2.945	1.777	4.722	0.911	21.5	65	2.2	131	22
06/04/24 14:20	2.349	1.590	3.939	0.988	21.6	63	1.8	129	16
06/04/24 14:25	1.859	1.784	3.643	0.971	21.7	60	2.3	136	11
06/04/24 14:30	1.855	2.421	4.276	1.041	21.6	61	1.1	168	27
06/04/24 14:35	2.329	4.646	6.975	0.979	21.9	60	1.1	172	18
06/04/24 14:40	2.438	4.062	6.500	0.794	22.1	57	1.4	136	19
06/04/24 14:45	1.900	3.288	5.188	0.898	22.2	58	1.9	136	19
06/04/24 14:50	1.984	3.595	5.578	0.946	22.1	56	2.3	142	13
06/04/24 14:55	1.647	3.213	4.860	0.785	22.0	57	2.4	138	10
06/04/24 15:00	1.560	3.335	4.895	0.798	22.0	57	2.1	130	14
06/04/24 15:05	1.375	3.270	4.645	0.773	22.1	56	1.8	121	25
06/04/24 15:10	1.184	3.133	4.317	0.550	22.1	56	2.1	117	17
06/04/24 15:15	1.070	3.055	4.125	0.569	22.1	57	2.5	124	15
06/04/24 15:20	1.009	2.917	3.926	0.688	22.0	57	2.4	119	17
06/04/24 15:25	0.990	2.867	3.857	0.774	22.0	57	4.0	117	07
06/04/24 15:30	0.819	2.620	3.439	0.760	22.0	57	2.5	117	16
06/04/24 15:35	0.716	2.497	3.213	0.662	22.0	57	2.8	113	14
06/04/24 15:40	2.236	5.827	8.063	0.686	21.9	61	2.9	117	18
06/04/24 15:45	0.769	1.893	2.662	0.695	21.7	61	3.5	117	10
06/04/24 15:50	0.523	2.026	2.549	0.615	21.6	62	4.2	112	06
06/04/24 15:55	0.513	2.168	2.681	0.613	21.6	61	4.5	111	05
06/04/24 16:00	0.571	2.181	2.752	0.690	21.6	64	3.6	111	07
06/04/24 16:05	0.632	2.359	2.991	0.633	21.5	63	4.8	106	07
06/04/24 16:10	0.664	2.619	3.283	0.577	21.5	63	4.3	107	05
06/04/24 16:15	0.670	2.760	3.430	0.559	21.4	64	3.7	103	09
06/04/24 16:20	0.647	2.906	3.554	0.588	21.4	65	4.6	104	07
06/04/24 16:25	0.640	2.866	3.506	0.525	21.3	65	4.5	106	10
06/04/24 16:30	0.687	2.834	3.521	0.639	21.3	65	4.8	105	08
06/04/24 16:35	0.698	2.884	3.582	0.655	21.2	64	4.2	97	10
06/04/24 16:40	0.676	2.910	3.586	0.456	21.1	65	3.5	90	11
06/04/24 16:45	0.747	2.970	3.717	0.416	21.0	66	3.6	94	10
06/04/24 16:50	0.681	2.963	3.644	0.392	20.9	68	4.1	108	05
06/04/24 16:55	0.572	2.847	3.419	0.419	20.9	67	3.7	106	07
06/04/24 17:00	0.402	2.846	3.248	0.466	20.9	68	4.0	111	05
06/04/24 17:05	0.380	2.881	3.260	0.655	20.9	71	2.9	116	18
06/04/24 17:10	0.350	2.635	2.985	0.723	20.8	72	3.6	115	13
06/04/24 17:15	0.276	2.432	2.708	0.742	20.5	74	4.4	113	06
06/04/24 17:20	0.225	2.292	2.517	0.712	20.3	74	4.1	116	09
06/04/24 17:25	0.217	2.214	2.431	0.595	20.2	75	4.5	113	06
06/04/24 17:30	0.285	2.168	2.453	0.455	20.1	76	4.0	111	09
06/04/24 17:35	0.296	2.215	2.511	0.662	20.1	76	3.6	116	14
06/04/24 17:40	0.270	2.200	2.470	0.450	20.1	77	3.7	113	11
06/04/24 17:45	0.273	2.201	2.475	0.523	20.1	77	4.0	115	07
06/04/24 17:50	0.380	2.274	2.654	0.545	20.1	78	3.3	115	09
06/04/24 17:55	0.305	2.322	2.627	0.461	20.1	78	2.5	115	17
06/04/24 18:00	0.236	2.385	2.622	0.414	20.0	78	2.8	113	10
06/04/24 18:05	0.239	2.495	2.734	0.238	20.0	78	2.5	113	14
06/04/24 18:10	0.260	2.567	2.827	0.386	20.0	78	2.3	122	18
06/04/24 18:15	0.217	2.535	2.751	0.406	19.9	77	2.0	122	20
06/04/24 18:20	0.235	2.534	2.769	0.517	19.9	79	1.9	116	21
06/04/24 18:25	0.281	2.480	2.760	0.430	19.9	79	2.7	112	11
06/04/24 18:30	0.276	2.573	2.849	0.385	20.0	78	2.4	120	16
06/04/24 18:35	0.261	2.542	2.803	0.250	19.9	78	2.4	114	16
06/04/24 18:40	0.140	2.527	2.667	0.299	19.9	78	3.0	114	13

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/04/24 18:45	0.208	2.537	2.745	0.289	20.0	79	3.2	108	06
06/04/24 18:50	0.146	2.830	2.976	0.252	19.9	78	2.9	108	10
06/04/24 18:55	0.163	2.998	3.161	0.213	19.8	78	2.5	114	09
06/04/24 19:00	0.192	3.150	3.342	0.307	19.8	78	2.3	115	14
06/04/24 19:05	0.228	3.275	3.502	0.278	19.8	79	1.9	117	11
06/04/24 19:10	0.220	3.397	3.617	0.292	19.8	78	3.2	115	10
06/04/24 19:15	0.202	3.524	3.725	0.092	19.9	78	3.2	110	08
06/04/24 19:20	0.170	3.637	3.807	0.132	19.8	78	1.9	115	15
06/04/24 19:25	0.178	4.094	4.272	0.230	19.7	79	2.1	123	17
06/04/24 19:30	0.168	4.697	4.865	0.242	19.7	79	2.4	117	16
06/04/24 19:35	0.096	5.191	5.288	0.380	19.6	80	2.0	119	19
06/04/24 19:40	0.034	5.461	5.495	0.379	19.6	80	2.2	114	16
06/04/24 19:45	-0.056	5.588	5.532	0.358	19.5	80	2.6	138	14
06/04/24 19:50	-0.062	5.800	5.739	0.317	19.4	80	2.5	138	16
06/04/24 19:55	-0.008	6.060	6.051	0.298	19.5	81	2.7	132	14
06/04/24 20:00	0.013	6.242	6.255	0.330	19.4	81	1.8	123	19
06/04/24 20:05	0.070	6.393	6.463	0.237	19.4	82	1.7	114	19
06/04/24 20:10	0.151	6.406	6.557	0.166	19.4	81	2.2	115	17
06/04/24 20:15	0.087	6.477	6.565	0.291	19.4	82	2.1	118	19
06/04/24 20:20	-0.053	6.661	6.608	0.208	19.4	82	2.4	119	16
06/04/24 20:25	-0.028	6.827	6.799	0.384	19.4	82	2.4	116	18
06/04/24 20:30	0.023	7.048	7.071	0.380	19.4	82	2.3	119	14
06/04/24 20:35	-0.007	7.200	7.193	0.317	19.4	82	2.2	117	17
06/04/24 20:40	0.013	7.146	7.159	0.323	19.3	83	2.1	120	21
06/04/24 20:45	0.031	7.144	7.175	0.230	19.3	83	2.8	115	13
06/04/24 20:50	0.047	7.193	7.240	0.295	19.4	82	3.2	117	09
06/04/24 20:55	0.048	7.365	7.413	0.204	19.3	83	4.0	111	06
06/04/24 21:00	0.064	7.647	7.711	0.164	19.3	83	3.7	111	07
06/04/24 21:05	0.134	7.822	7.957	0.562	19.3	83	3.0	109	12
06/04/24 21:10	0.260	8.053	8.313	0.393	19.3	83	2.9	109	08
06/04/24 21:15	0.279	8.158	8.437	0.389	19.2	83	3.3	109	09
06/04/24 21:20	0.279	8.142	8.422	0.556	19.2	83	3.7	106	07
06/04/24 21:25	0.286	8.059	8.344	0.431	19.2	83	3.5	108	06
06/04/24 21:30	0.175	7.830	8.006	0.331	19.1	83	3.5	107	08
06/04/24 21:35	0.105	7.543	7.648	0.364	19.1	83	3.6	107	06
06/04/24 21:40	0.138	7.154	7.291	0.396	19.1	84	4.0	108	08
06/04/24 21:45	0.159	6.627	6.786	0.377	19.0	83	4.4	110	06
06/04/24 21:50	0.073	6.226	6.298	0.438	19.0	83	4.0	109	07
06/04/24 21:55	0.501	5.785	6.286	0.494	19.0	84	2.6	111	14
06/04/24 22:00	0.861	5.888	6.750	0.483	19.2	84	2.2	116	12
06/04/24 22:05	0.608	6.814	7.422	0.459	19.1	84	1.6	119	27
06/04/24 22:10	0.259	7.789	8.049	0.413	19.1	84	2.8	114	16
06/04/24 22:15	0.226	7.977	8.203	0.456	19.1	84	2.5	117	14
06/04/24 22:20	0.198	7.771	7.969	0.469	19.1	84	2.6	116	18
06/04/24 22:25	0.205	7.503	7.709	0.482	19.0	83	2.7	122	16
06/04/24 22:30	0.207	7.441	7.647	0.541	19.0	84	2.8	126	14
06/04/24 22:35	0.157	7.486	7.642	0.415	19.0	84	3.4	117	11
06/04/24 22:40	0.145	7.630	7.775	0.459	19.0	85	3.0	115	11
06/04/24 22:45	0.123	7.827	7.950	0.452	19.1	84	2.2	121	16
06/04/24 22:50	0.200	8.085	8.285	0.501	19.1	84	2.0	120	18
06/04/24 22:55	0.269	8.104	8.372	0.254	19.0	83	2.6	126	16
06/04/24 23:00	0.202	7.852	8.054	0.341	19.1	83	2.7	129	15
06/04/24 23:05	0.170	7.510	7.680	0.354	19.0	83	2.4	122	19
06/04/24 23:10	0.137	7.055	7.192	0.246	19.0	83	2.3	124	15
06/04/24 23:15	0.044	6.711	6.754	0.332	18.9	84	2.3	122	17
06/04/24 23:20	0.055	6.491	6.546	0.383	18.9	83	2.4	131	15
06/04/24 23:25	-0.018	6.282	6.264	0.471	18.8	82	2.6	136	14
06/04/24 23:30	-0.001	5.879	5.878	0.344	18.8	83	2.2	139	16
06/04/24 23:35	-0.005	5.459	5.455	0.370	18.9	83	1.8	152	21
06/04/24 23:40	0.049	5.106	5.155	0.429	18.9	83	1.4	160	30
06/04/24 23:45	0.153	4.932	5.085	0.533	18.8	83	2.1	144	19
06/04/24 23:50	0.189	4.750	4.939	0.606	18.7	83	2.7	142	12
06/04/24 23:55	0.217	4.607	4.824	0.458	18.6	84	1.5	155	25
07/04/24 00:00	0.311	4.560	4.871	0.536	18.6	84	1.9	145	19
07/04/24 00:05	0.265	4.461	4.726	0.407	18.7	84	2.6	137	18
07/04/24 00:10	0.164	4.573	4.737	0.416	18.7	84	2.5	133	16
07/04/24 00:15	0.225	4.664	4.889	0.548	18.6	84	1.8	123	17
07/04/24 00:20	0.219	4.907	5.126	0.417	18.5	84	1.9	129	17
07/04/24 00:25	0.213	5.077	5.290	0.531	18.5	84	2.6	129	16
07/04/24 00:30	0.223	5.295	5.519	0.401	18.6	84	2.7	134	12
07/04/24 00:35	0.106	5.590	5.696	0.457	18.6	84	2.0	130	16
07/04/24 00:40	0.139	5.890	6.029	0.440	18.6	84	2.3	131	15
07/04/24 00:45	0.171	6.616	6.786	0.688	18.6	84	2.3	133	16
07/04/24 00:50	0.207	7.732	7.939		18.6	84	2.0	125	17
07/04/24 00:55	0.230	9.216	9.446		18.5	84	2.1	127	18
07/04/24 01:00	0.196	9.609	9.805	0.665	18.5	85	2.2	126	21
07/04/24 01:05					18.4	85	2.8	134	13
07/04/24 01:10					18.5	86	2.4	129	15
07/04/24 01:15					18.4	86	2.6	128	17
07/04/24 01:20					18.4	87	2.2	128	15
07/04/24 01:25					18.4	87	2.7	137	11
07/04/24 01:30					18.4	86	2.8	135	11
07/04/24 01:35					18.4	86	2.5	140	17
07/04/24 01:40					18.4	86	2.7	141	16
07/04/24 01:45					18.5	85	2.7	139	13
07/04/24 01:50					18.4	85	2.8	137	12
07/04/24 01:55					18.5	85	1.9	129	17
07/04/24 02:00					18.5	86	1.7	125	24
07/04/24 02:05	0.275	3.252	3.527	1.306	18.6	86	1.6	122	21
07/04/24 02:10	0.179	2.762	2.941	1.413	18.6	86	2.1	137	16
07/04/24 02:15	0.109	2.385	2.494	1.534	18.4	86	2.0	144	20
07/04/24 02:20	0.106	2.103	2.208	1.637	18.5	86	1.8	136	22
07/04/24 02:25	0.073	2.030	2.104	1.723	18.5	86	1.8	137	18
07/04/24 02:30	-0.015	2.046	2.031	1.590	18.5	86	2.1	142	17
07/04/24 02:35	0.034	2.054	2.087	1.774	18.5	86	2.0	142	16
07/04/24 02:40	-0.055	2.080	2.025	1.921	18.5	86	2.5	139	11
07/04/24 02:45	-0.068	2.051	1.982	1.951	18.5	86	2.3	137	11
07/04/24 02:50	-0.121	1.993	1.872	1.935	18.4	87	2.5	138	09
07/04/24 02:55	-0.047	1.890	1.843	1.778	18.3	87	1.4	124	25
07/04/24 03:00	-0.048	1.929	1.881	1.754	18.4	88	2.2	114	12
07/04/24 03:05	-0.029	1.930	1.902	1.737	18.3	88	2.1	113	16
07/04/24 03:10	0.012	1.944	1.956	1.622	18.2	89	1.5	116	18
07/04/24 03:15	0.002	1.964	1.966	1.636	18.2	89	1.9	115	13
07/04/24 03:20	-0.011	2.046	2.035	1.691	18.1	89	1.8	115	14

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/04/24 03:25	-0.022	2.204	2.182	1.740	18.2	89	1.5	121	17
07/04/24 03:30	0.046	2.296	2.343	1.676	18.0	89	1.6	135	19
07/04/24 03:35	0.082	2.295	2.377	1.465	18.1	89	2.5	138	18
07/04/24 03:40	0.102	2.270	2.372	1.348	18.1	89	2.2	134	14
07/04/24 03:45	0.052	2.344	2.396	1.256	18.1	90	1.1	149	32
07/04/24 03:50	0.119	2.373	2.493	1.464	18.0	89	1.8	147	20
07/04/24 03:55	0.211	2.202	2.413	1.653	18.1	90	1.9	139	16
07/04/24 04:00	0.251	2.011	2.262	1.792	17.9	89	2.1	130	13
07/04/24 04:05	0.245	1.878	2.123	1.877	18.0	90	2.2	143	18
07/04/24 04:10	0.125	1.804	1.929	1.763	18.0	90	2.0	134	19
07/04/24 04:15	0.132	1.788	1.920	1.788	18.0	89	1.9	118	14
07/04/24 04:20	0.170	1.738	1.908	1.725	18.0	90	2.1	121	15
07/04/24 04:25	0.122	1.669	1.791	1.609	18.0	89	1.9	128	18
07/04/24 04:30	0.135	1.558	1.693	1.573	17.9	90	1.9	123	18
07/04/24 04:35	0.025	1.477	1.502	1.487	18.0	90	1.7	121	18
07/04/24 04:40	0.045	1.365	1.410	1.503	17.9	90	1.4	118	24
07/04/24 04:45	0.089	1.369	1.458	1.715	17.9	90	1.4	119	20
07/04/24 04:50	0.031	1.403	1.435	1.854	18.0	90	1.2	120	22
07/04/24 04:55	0.108	1.439	1.547	1.773	18.0	90	1.5	115	12
07/04/24 05:00	-0.038	1.494	1.457	1.857	18.0	90	1.6	112	14
07/04/24 05:05	-0.168	1.546	1.379	1.782	18.1	91	1.5	116	13
07/04/24 05:10	-0.170	1.488	1.318	1.642	18.0	91	1.3	112	11
07/04/24 05:15	0.324	1.607	1.932	1.785	18.0	91	1.4	121	15
07/04/24 05:20	0.304	1.464	1.768	1.784	18.0	91	1.2	122	18
07/04/24 05:25	0.215	1.167	1.382	1.716	18.0	91	1.0	103	18
07/04/24 05:30	0.176	1.374	1.550	1.659	17.9	91	1.3	89	09
07/04/24 05:35	0.370	1.565	1.935	1.571	17.9	91	1.3	85	10
07/04/24 05:40	0.204	1.899	2.103	1.592	17.9	92	0.9	82	13
07/04/24 05:45	0.242	1.539	1.781	1.542	17.8	92	1.0	81	12
07/04/24 05:50	0.298	1.486	1.784	1.613	17.8	92	1.1	78	11
07/04/24 05:55	0.195	1.594	1.789	1.726	17.7	93	0.8	66	10
07/04/24 06:00	0.172	1.680	1.852	1.795	17.7	93	1.2	73	08
07/04/24 06:05	0.261	1.579	1.840	1.880	17.6	93	0.9	74	11
07/04/24 06:10	0.254	1.609	1.863	1.949	17.6	93	0.9	75	11
07/04/24 06:15	0.262	1.635	1.898	1.867	17.6	93	1.3	88	11
07/04/24 06:20	0.255	1.650	1.905	1.769	17.6	94	1.3	104	11
07/04/24 06:25	0.164	1.643	1.807	1.876	17.5	95	0.9	117	17
07/04/24 06:30	0.181	1.670	1.851	1.714	17.6	96	0.7	122	22
07/04/24 06:35	0.136	1.675	1.811	1.576	17.5	96	0.9	142	27
07/04/24 06:40	0.033	1.447	1.480	1.627	17.6	97	0.9	151	23
07/04/24 06:45	0.035	1.288	1.323	1.564	17.6	97	0.8	159	21
07/04/24 06:50	-0.004	1.165	1.161	1.589	17.6	97	0.5	153	30
07/04/24 06:55	0.024	1.038	1.062	1.680	17.6	97	0.5	132	26
07/04/24 07:00	0.001	0.983	0.984	1.677	17.6	97	0.7	167	33
07/04/24 07:05	0.181	1.063	1.245	1.778	17.6	95	1.1	157	31
07/04/24 07:10	0.182	0.982	1.165	1.763	17.6	93	2.0	141	14
07/04/24 07:15	0.161	0.852	1.014	1.690	17.9	92	1.5	146	25
07/04/24 07:20	0.227	0.742	0.969	1.608	17.8	93	1.0	165	31
07/04/24 07:25	0.678	1.810	2.487	1.547	17.9	93	1.5	186	14
07/04/24 07:30	3.223	14.130	17.353	1.547	18.0	92	1.5	191	12
07/04/24 07:35	6.352	14.366	20.718	1.700	18.1	93	1.3	179	17
07/04/24 07:40	8.212	11.583	19.795	1.756	18.2	92	2.2	192	09
07/04/24 07:45	1.161	4.205	5.365	1.788	18.4	90	3.8	200	08
07/04/24 07:50	0.174	1.172	1.346	1.725	18.6	88	4.5	203	06
07/04/24 07:55	0.083	0.866	0.949	1.763	18.7	89	3.7	203	05
07/04/24 08:00	0.128	0.867	0.995	1.746	18.7	88	4.4	210	04
07/04/24 08:05	0.289	1.064	1.352	1.699	18.7	89	4.1	214	05
07/04/24 08:10	0.411	1.086	1.497	1.684	18.7	87	4.3	215	03
07/04/24 08:15	0.244	1.380	1.624	1.699	18.8	88	4.4	218	04
07/04/24 08:20	0.047	1.591	1.638	1.707	18.8	87	4.4	218	04
07/04/24 08:25	107.029	23.455	130.484	1.839	18.5	90	3.8	211	17
07/04/24 08:30	178.024	5.476	183.500	2.091	18.1	92	4.2	190	08
07/04/24 08:35	140.228	19.686	159.915	2.293	17.9	94	4.0	193	09
07/04/24 08:40	57.548	12.480	70.029	2.331	17.7	94	3.4	203	11
07/04/24 08:45	2.848	1.464	4.312	2.250	17.6	94	3.0	210	08
07/04/24 08:50	2.378	6.072	8.450	2.128	17.7	95	2.5	208	10
07/04/24 08:55	2.513	4.622	7.135	1.925	17.8	95	2.4	204	10
07/04/24 09:00	12.089	11.074	23.163	1.771	17.9	95	2.8	192	10
07/04/24 09:05	14.968	5.601	20.569	1.787	17.7	94	2.7	199	10
07/04/24 09:10	9.761	7.630	17.391	1.808	17.7	95	2.5	204	14
07/04/24 09:15	24.586	10.756	35.342	1.818	17.6	96	2.4	198	13
07/04/24 09:20	16.199	7.116	23.315	1.753	17.7	95	2.2	194	11
07/04/24 09:25	12.331	12.153	24.484	1.934	17.9	95	2.6	204	14
07/04/24 09:30	62.250	11.104	73.354	2.103	18.0	95	2.9	208	16
07/04/24 09:35	21.710	5.911	27.621	2.132	18.1	95	2.3	217	11
07/04/24 09:40	7.963	10.887	18.850	2.069	18.3	93	3.0	214	11
07/04/24 09:45	5.477	5.698	11.174	2.041	18.5	92	3.1	220	13
07/04/24 09:50	13.226	9.485	22.712	1.901	18.4	92	2.8	205	18
07/04/24 09:55	36.093	20.726	56.818	1.814	18.6	88	3.1	203	12
07/04/24 10:00	54.568	21.320	75.888	1.962	18.7	86	3.2	201	13
07/04/24 10:05	11.386	7.582	18.968	1.858	18.8	88	3.7	214	11
07/04/24 10:10	3.156	4.061	7.216	1.806	18.8	92	3.3	227	10
07/04/24 10:15	0.491	2.982	3.473	1.865	18.8	90	4.1	218	09
07/04/24 10:20	0.802	2.948	3.750	1.807	18.8	89	4.5	220	07
07/04/24 10:25	0.759	1.874	2.633	1.696	18.9	89	5.1	226	05
07/04/24 10:30	0.648	1.723	2.371	1.721	18.9	89	4.3	218	06
07/04/24 10:35	0.705	1.788	2.493	1.649	18.9	90	4.4	224	05
07/04/24 10:40	0.591	1.805	2.396	1.643	18.9	89	4.3	225	08
07/04/24 10:45	0.518	1.738	2.255	1.543	18.9	90	4.3	227	06
07/04/24 10:50	0.590	1.843	2.432	1.574	18.9	90	4.2	227	06
07/04/24 10:55	0.655	2.023	2.678	1.567	18.9	90	3.8	223	10
07/04/24 11:00	0.738	2.241	2.979	1.600	18.9	90	4.1	226	06
07/04/24 11:05	0.853	2.583	3.436	1.533	18.9	90	4.2	222	06
07/04/24 11:10	0.757	2.575	3.331	1.544	18.8	90	4.8	231	05
07/04/24 11:15	0.661	2.340	3.001	1.504	18.9	89	4.9	221	08
07/04/24 11:20	0.620	2.117	2.737	1.451	19.0	90	4.6	223	04
07/04/24 11:25	0.557	1.996	2.553	1.507	18.9	88	4.1	218	08
07/04/24 11:30	0.523	1.771	2.295	1.556	19.0	87	4.2	218	09
07/04/24 11:35	0.588	1.583	2.171	1.573	19.0	87	4.1	223	05
07/04/24 11:40	0.257	1.559	1.815	1.490	19.0	88	4.4	227	05
07/04/24 11:45	0.389	1.320	1.709	1.499	19.0	89	4.8	226	05
07/04/24 11:50	0.393	1.457	1.851	1.474	19.0	89	4.2	225	07
07/04/24 11:55	0.478	1.583	2.061	1.455	19.0	88	4.4	227	05
07/04/24 12:00	0.599	1.661	2.260	1.509	19.0	88	4.7	226	06

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/04/24 12:05	0.535	1.556	2.092	1.610	19.0	89	4.8	228	06
07/04/24 12:10	0.521	1.704	2.225	1.696	19.0	87	4.7	230	04
07/04/24 12:15	0.452	1.623	2.075	1.761	18.9	88	3.8	226	08
07/04/24 12:20	0.522	1.517	2.039	1.744	19.0	87	4.1	228	09
07/04/24 12:25	0.563	1.484	2.046	1.759	19.2	87	4.1	220	06
07/04/24 12:30	0.473	1.593	2.066	1.811	19.1	86	4.2	222	06
07/04/24 12:35	0.306	1.482	1.789	1.812	19.1	85	4.1	221	05
07/04/24 12:40	0.288	1.473	1.760	1.835	19.2	85	4.1	218	06
07/04/24 12:45	7.867	1.017	8.884	1.710	19.2	86	3.8	204	12
07/04/24 12:50	41.274	11.354	52.628	1.741	18.9	87	4.0	202	10
07/04/24 12:55	14.837	9.277	24.114	1.788	18.4	87	3.4	200	11
07/04/24 13:00	10.409	5.714	16.123	1.784	18.2	91	2.4	193	09
07/04/24 13:05	13.496	8.017	21.513	1.793	18.2	92	2.5	194	09
07/04/24 13:10	6.708	6.079	12.787	1.830	18.5	90	2.6	191	12
07/04/24 13:15	5.712	6.905	12.616	1.903	18.9	87	2.7	195	11
07/04/24 13:20	2.680	2.997	5.676	1.906	19.1	84	3.0	200	11
07/04/24 13:25	1.738	1.225	2.964	1.785	19.2	84	3.0	198	10
07/04/24 13:30	3.068	0.578	3.646	1.752	19.4	83	3.1	201	11
07/04/24 13:35	2.575	2.156	4.732	1.699	19.5	82	3.1	202	11
07/04/24 13:40	5.209	6.016	11.224	1.694	19.8	81	3.6	197	12
07/04/24 13:45	12.145	3.678	15.824	1.730	19.8	83	3.3	197	11
07/04/24 13:50	21.567	2.312	23.879	1.695	19.7	79	3.5	196	11
07/04/24 13:55	6.144	7.106	13.250	1.697	19.8	80	3.1	196	12
07/04/24 14:00	21.737	11.436	33.173	1.750	19.6	82	3.2	198	12
07/04/24 14:05	9.845	5.246	15.090	1.747	19.6	80	3.1	193	11
07/04/24 14:10	3.469	2.942	6.411	1.771	19.7	81	3.1	199	10
07/04/24 14:15	9.342	5.235	14.577	1.793	19.6	82	3.1	201	11
07/04/24 14:20	4.036	3.265	7.300	1.721	19.8	81	3.2	196	09
07/04/24 14:25	6.012	5.786	11.798	1.748	20.0	79	3.4	197	11
07/04/24 14:30	3.278	3.870	7.149	1.852	20.1	78	3.0	201	12
07/04/24 14:35	2.113	2.149	4.262	1.836	20.0	78	3.3	200	09
07/04/24 14:40	1.298	1.702	3.000	1.884	20.1	79	2.9	201	07
07/04/24 14:45	1.152	1.929	3.080	1.781	20.2	79	2.5	201	13
07/04/24 14:50	2.059	4.909	6.968	1.822	20.8	76	1.8	191	17
07/04/24 14:55	3.664	4.323	7.987	1.823	21.0	73	3.4	199	08
07/04/24 15:00				1.855	20.6	74	3.2	199	10
07/04/24 15:05	2.841	2.910	5.751	1.949	20.5	76	3.8	199	07
07/04/24 15:10	1.927	1.791	3.718	2.012	20.1	81	3.8	200	12
07/04/24 15:15	9.616	10.368	19.984	1.971	20.0	83	3.7	202	10
07/04/24 15:20	11.784	10.178	21.962	1.900	20.0	82	3.2	204	10
07/04/24 15:25	12.626	10.343	22.968	1.867	19.8	81	3.5	207	10
07/04/24 15:30	7.713	3.116	10.830	1.883	19.9	80	3.2	202	11
07/04/24 15:35	5.995	6.236	12.232	1.903	20.3	78	3.4	194	10
07/04/24 15:40	4.496	3.984	8.481	1.864	20.3	78	3.4	201	10
07/04/24 15:45	2.907	3.906	6.813	1.928	20.3	77	3.5	195	09
07/04/24 15:50	2.534	1.724	4.258	1.953	20.5	76	3.3	199	11
07/04/24 15:55	1.628	1.575	3.203	1.948	20.5	75	3.4	196	11
07/04/24 16:00	0.886	2.114	3.000	2.031	20.6	74	3.7	196	10
07/04/24 16:05	0.980	2.398	3.378	1.967	20.6	75	3.7	198	08
07/04/24 16:10	2.673	2.674	5.347	1.921	20.6	75	3.4	198	09
07/04/24 16:15	4.023	4.011	8.034	1.830	20.6	76	3.1	200	09
07/04/24 16:20	9.914	6.935	16.849	1.723	20.7	75	3.3	196	10
07/04/24 16:25	7.438	6.026	13.464	1.704	20.6	76	3.8	196	09
07/04/24 16:30	8.604	5.753	14.358	1.689	20.5	78	3.4	196	11
07/04/24 16:35	12.119	14.918	27.038	1.693	20.5	76	2.8	195	12
07/04/24 16:40	28.553	18.550	47.103	1.700	21.0	71	2.3	193	16
07/04/24 16:45	19.422	13.960	33.381	1.755	21.4	69	2.0	188	17
07/04/24 16:50	19.690	14.460	34.150	1.847	21.6	66	2.8	197	09
07/04/24 16:55	20.762	14.773	35.535	1.913	21.4	67	2.2	186	18
07/04/24 17:00	9.432	7.800	17.233	1.835	21.5	68	2.0	171	21
07/04/24 17:05	9.624	11.016	20.640	1.811	21.7	68	1.8	180	22
07/04/24 17:10	20.283	17.139	37.421	1.946	21.8	68	1.9	188	16
07/04/24 17:15	17.305	12.665	29.969	1.968	21.5	70	2.2	172	22
07/04/24 17:20	2.590	4.873	7.463	1.985	20.8	75	1.7	163	26
07/04/24 17:25	0.940	2.785	3.725	1.875	20.3	77	2.5	144	13
07/04/24 17:30	0.487	1.890	2.377	1.797	20.0	79	1.6	150	26
07/04/24 17:35	0.396	1.869	2.265	1.842	20.1	79	1.5	170	23
07/04/24 17:40	1.937	7.665	9.602	1.834	20.3	79	1.7	186	16
07/04/24 17:45	12.783	17.146	29.930	1.712	20.3	78	2.0	190	16
07/04/24 17:50	6.569	11.175	17.744	1.740	20.3	78	1.8	192	15
07/04/24 17:55	6.242	5.032	11.274	1.704	20.4	78	1.5	188	15
07/04/24 18:00	10.687	11.995	22.682	1.761	20.5	77	1.7	183	16
07/04/24 18:05	10.155	14.756	24.912	1.815	20.6	76	2.1	198	10
07/04/24 18:10	6.537	8.565	15.102	1.794	20.6	76	2.3	196	11
07/04/24 18:15	3.779	5.670	9.449	1.713	20.2	78	1.9	193	14
07/04/24 18:20	2.835	3.908	6.743	1.577	20.1	79	1.8	192	12
07/04/24 18:25	2.964	4.942	7.906	1.646	20.1	78	1.6	186	14
07/04/24 18:30	2.086	3.716	5.802	1.652	20.3	77	1.7	164	21
07/04/24 18:35	2.073	4.610	6.683	1.676	20.2	77	1.3	180	19
07/04/24 18:40	1.918	4.962	6.880	1.693	20.4	77	1.4	177	23
07/04/24 18:45	3.017	6.989	10.007	1.729	20.1	77	2.4	197	11
07/04/24 18:50	1.778	2.852	4.630	1.702	19.8	78	2.4	196	09
07/04/24 18:55	1.013	3.657	4.670	1.729	19.5	79	1.9	193	13
07/04/24 19:00	1.024	4.635	5.660	1.727	19.5	79	2.4	197	13
07/04/24 19:05	8.862	9.043	17.905	1.711	19.4	80	2.3	199	15
07/04/24 19:10	5.779	2.827	8.607	1.760	19.3	80	2.4	198	14
07/04/24 19:15	-0.034	1.870	1.836	1.728	19.3	81	2.6	198	13
07/04/24 19:20	-0.005	1.381	1.376	1.745	19.3	79	2.7	199	11
07/04/24 19:25	0.185	1.627	1.812	1.719	19.4	80	2.7	202	13
07/04/24 19:30	1.488	6.328	7.816	1.700	19.4	79	2.9	198	13
07/04/24 19:35	3.715	2.448	6.163	1.658	19.4	79	2.6	195	13
07/04/24 19:40	0.447	2.036	2.483	1.696	19.4	80	2.6	201	12
07/04/24 19:45	0.378	1.930	2.308	1.700	19.4	79	2.9	190	08
07/04/24 19:50	0.638	2.864	3.502	1.615	19.3	79	2.3	190	12
07/04/24 19:55	1.149	4.723	5.872	1.644	19.4	78	2.3	191	12
07/04/24 20:00	1.849	4.919	6.768	1.663	19.4	78	2.8	196	10
07/04/24 20:05	2.008	2.712	4.720	1.634	19.4	78	2.8	195	11
07/04/24 20:10	2.649	6.979	9.628	1.561	19.4	79	2.9	192	12
07/04/24 20:15	13.694	5.849	19.543	1.613	19.5	81	3.1	200	11
07/04/24 20:20	33.396	5.226	38.622	1.645	19.3	81	3.4	202	15
07/04/24 20:25	20.156	16.351	36.507	1.609	19.3	82	3.3	198	12
07/04/24 20:30	22.391	10.632	33.023	1.551	19.3	82	3.5	205	12
07/04/24 20:35	42.934	1.066	44.000	1.603	19.3	82	3.1	202	15
07/04/24 20:40	34.801	19.761	54.562	1.657	19.2	81	3.6	203	14

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/04/24 20:45	120.425	18.598	139.023	1.869	19.2	80	3.6	192	13
07/04/24 20:50	298.132	42.814	340.946	2.221	19.1	80	3.9	184	12
07/04/24 20:55	43.486	17.255	60.741	2.339	19.1	82	4.9	210	05
07/04/24 21:00	0.244	2.339	2.584	2.159	19.2	82	5.1	213	06
07/04/24 21:05	0.158	2.826	2.984	1.937	19.1	83	5.5	216	05
07/04/24 21:10	0.198	2.449	2.647	1.934	19.1	84	5.4	218	05
07/04/24 21:15	0.118	2.088	2.205	1.865	19.0	84	6.1	221	05
07/04/24 21:20	0.099	1.907	2.006	1.886	18.5	89	7.1	235	04
07/04/24 21:25	0.043	1.661	1.704	1.954	18.1	93	7.6	227	08
07/04/24 21:30	0.022	1.446	1.468	1.918	17.8	94	6.8	226	07
07/04/24 21:35	0.100	1.185	1.284	1.892	17.5	94	5.8	237	05
07/04/24 21:40	0.119	1.504	1.623	1.748	17.3	96	5.0	230	07
07/04/24 21:45	0.392	3.711	4.103	1.602	17.3	96	5.0	227	05
07/04/24 21:50	0.513	0.635	1.148	1.560	17.3	94	6.3	232	08
07/04/24 21:55	0.448	0.560	1.008	1.609	17.2	94	5.8	225	03
07/04/24 22:00	0.477	0.450	0.927	1.754	17.1	94	5.3	227	06
07/04/24 22:05	0.409	0.412	0.822	1.883	17.1	94	4.1	226	04
07/04/24 22:10	0.312	0.424	0.735	1.737	17.1	94	3.0	217	05
07/04/24 22:15	0.274	0.374	0.647	1.600	17.2	94	2.0	222	07
07/04/24 22:20	0.137	0.396	0.533	1.590	17.1	93	2.1	222	07
07/04/24 22:25	0.055	0.475	0.530	1.662	17.2	93	2.4	230	12
07/04/24 22:30	0.018	0.567	0.585	1.622	17.4	93	2.7	249	12
07/04/24 22:35	-0.030	0.755	0.725	1.666	17.2	92	3.8	238	08
07/04/24 22:40	0.219	2.341	2.560	1.691	17.2	95	1.3	272	25
07/04/24 22:45	0.255	4.572	4.828	1.622	17.1	95	1.6	290	14
07/04/24 22:50	0.371	9.963	10.333	1.511	17.0	95	1.5	292	16
07/04/24 22:55	0.676	14.223	14.899	1.571	17.0	95	1.5	289	15
07/04/24 23:00	0.831	13.770	14.601	1.660	17.0	95	1.6	295	10
07/04/24 23:05	0.683	9.507	10.189	1.641	16.8	96	1.3	294	13
07/04/24 23:10	0.619	10.516	11.136	1.578	16.8	96	1.1	313	20
07/04/24 23:15	0.644	10.974	11.618	1.412	16.8	96	0.6	335	23
07/04/24 23:20	0.592	10.451	11.043	1.439	16.8	96	0.8	339	24
07/04/24 23:25	0.459	10.089	10.549	1.348	16.7	96	1.1	341	18
07/04/24 23:30	0.329	9.822	10.151	1.402	16.7	96	1.2	326	17
07/04/24 23:35	0.372	10.634	11.006	1.580	16.8	96	1.5	306	12
07/04/24 23:40	0.302	11.111	11.413	1.631	16.9	96	1.5	288	15
07/04/24 23:45	0.320	10.246	10.565	1.526	17.0	96	1.8	283	15
07/04/24 23:50	0.574	9.917	10.491	1.614	17.2	95	2.9	270	10
07/04/24 23:55	0.477	9.665	10.142	1.703	17.4	95	3.1	269	11
08/04/24 00:00	0.631	10.553	11.184	1.750	17.3	94	4.0	264	06
08/04/24 00:05	1.007	11.366	12.373	1.666	17.3	95	4.8	262	06
08/04/24 00:10	2.605	14.636	17.241	1.626	17.3	94	4.4	260	07
08/04/24 00:15	3.670	14.349	18.019	1.759	17.3	94	4.2	251	10
08/04/24 00:20	2.133	9.973	12.106	1.710	17.1	94	3.8	252	13
08/04/24 00:25	1.586	9.750	11.336	1.688	17.1	94	4.0	255	09
08/04/24 00:30	1.478	8.408	9.886	1.615	17.1	92	4.1	247	10
08/04/24 00:35	1.574	10.584	12.158	1.732	16.9	91	4.5	261	06
08/04/24 00:40	2.237	16.973	19.210	1.700	17.0	89	3.6	250	08
08/04/24 00:45	2.261	12.357	14.617	1.628	17.2	87	4.3	250	08
08/04/24 00:50	1.912	8.216	10.128		17.3	86	4.2	248	07
08/04/24 00:55	1.550	8.601	10.151		17.3	86	3.6	248	07
08/04/24 01:00	1.528	10.641	12.168	1.564	17.4	87	3.6	253	07
08/04/24 01:05					17.4	86	4.2	253	06
08/04/24 01:10					17.2	87	3.2	264	11
08/04/24 01:15					17.1	89	3.7	266	07
08/04/24 01:20					17.1	89	3.5	267	07
08/04/24 01:25					17.0	89	3.7	257	08
08/04/24 01:30					17.2	90	3.8	254	09
08/04/24 01:35					17.2	90	4.2	265	07
08/04/24 01:40					17.1	90	4.0	263	12
08/04/24 01:45					17.0	90	3.8	269	07
08/04/24 01:50					17.0	90	4.4	265	06
08/04/24 01:55					16.9	88	4.5	268	09
08/04/24 02:00					16.9	87	5.2	263	07
08/04/24 02:05	1.770	12.965	14.735	1.553	16.6	86	4.8	257	07
08/04/24 02:10	2.089	13.322	15.412	1.462	16.7	85	4.3	251	08
08/04/24 02:15	2.701	17.529	20.230	1.456	16.7	86	4.1	255	09
08/04/24 02:20	3.378	18.690	22.068	1.497	16.7	85	4.7	251	06
08/04/24 02:25	3.632	16.969	20.601	1.391	16.6	86	4.8	255	08
08/04/24 02:30	4.262	17.373	21.635	1.432	16.6	84	5.1	253	07
08/04/24 02:35	4.170	12.885	17.055	1.456	16.6	85	4.3	249	09
08/04/24 02:40	4.004	11.557	15.560	1.492	16.5	84	4.4	248	08
08/04/24 02:45	3.555	10.339	13.894	1.502	16.5	85	3.9	251	08
08/04/24 02:50	3.251	10.213	13.465	1.551	16.4	85	3.9	253	08
08/04/24 02:55	3.181	12.262	15.443	1.509	16.4	85	3.7	246	08
08/04/24 03:00	3.232	12.249	15.482	1.649	16.4	85	3.6	254	12
08/04/24 03:05	3.851	16.152	20.002	1.588	16.3	86	3.5	258	10
08/04/24 03:10	3.885	13.581	17.465	1.453	16.3	86	3.9	251	07
08/04/24 03:15	4.006	14.294	18.300	1.487	16.3	87	3.9	271	11
08/04/24 03:20	3.268	5.824	9.093	1.499	16.2	87	3.7	270	10
08/04/24 03:25	2.463	4.223	6.685	1.457	16.3	88	3.6	270	13
08/04/24 03:30	2.009	5.481	7.489	1.469	16.2	87	4.5	266	07
08/04/24 03:35	1.667	5.870	7.537	1.469	16.1	87	4.5	262	06
08/04/24 03:40	3.591	12.525	16.116	1.366	16.0	86	4.8	261	05
08/04/24 03:45	3.710	11.753	15.464	1.337	15.9	87	4.5	264	08
08/04/24 03:50	2.184	8.620	10.804	1.404	16.1	87	4.0	269	09
08/04/24 03:55	1.412	7.808	9.220	1.395	16.0	87	3.1	272	12
08/04/24 04:00	0.969	7.547	8.516	1.514	15.9	86	3.8	269	08
08/04/24 04:05	0.829	7.248	8.077	1.515	15.8	86	2.9	265	13
08/04/24 04:10	0.749	7.429	8.178	1.544	15.9	87	2.0	276	18
08/04/24 04:15	0.639	7.690	8.328	1.353	15.8	87	1.5	288	18
08/04/24 04:20	0.530	7.543	8.073	1.313	15.7	87	2.0	293	12
08/04/24 04:25	0.440	7.325	7.765	1.421	15.5	87	1.8	287	16
08/04/24 04:30	0.316	7.318	7.633	1.494	15.5	86	1.9	290	17
08/04/24 04:35	0.361	7.096	7.457	1.460	15.5	87	1.7	286	15
08/04/24 04:40	0.390	6.558	6.948	1.384	15.5	87	2.1	288	16
08/04/24 04:45	0.504	6.077	6.581	1.377	15.3	87	1.9	286	16
08/04/24 04:50	0.435	5.665	6.100	1.427	15.3	87	1.9	291	16
08/04/24 04:55	0.372	5.203	5.575	1.464	15.3	87	1.6	287	19
08/04/24 05:00	0.500	5.274	5.774	1.517	15.3	86	1.7	301	18
08/04/24 05:05	0.582	6.898	7.479	1.504	15.2	85	1.9	296	13
08/04/24 05:10	0.831	10.984	11.815	1.453	15.1	85	2.0	302	12
08/04/24 05:15	1.094	15.415	16.509	1.451	15.0	86	2.1	303	13
08/04/24 05:20	1.028	14.853	15.881	1.471	14.9	86	1.9	306	16

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/04/24 05:25	0.946	14.344	15.290	1.580	14.9	86	2.1	295	13
08/04/24 05:30	0.894	13.382	14.276	1.576	14.9	86	2.4	295	11
08/04/24 05:35	0.941	13.586	14.527	1.569	14.9	87	1.4	298	19
08/04/24 05:40	0.994	13.851	14.845	1.583	14.8	87	1.7	290	17
08/04/24 05:45	0.976	14.066	15.042	1.552	14.9	87	1.5	292	18
08/04/24 05:50	0.916	14.178	15.095	1.467	14.8	86	1.5	303	13
08/04/24 05:55	1.153	14.477	15.631	1.526	14.8	87	1.6	296	16
08/04/24 06:00	1.647	15.046	16.693	1.493	14.7	86	1.7	307	15
08/04/24 06:05	2.116	15.605	17.721	1.485	14.6	85	1.9	315	14
08/04/24 06:10	2.648	16.050	18.699	1.480	14.7	84	2.1	315	13
08/04/24 06:15	2.935	16.325	19.260	1.618	14.7	85	1.8	316	17
08/04/24 06:20	3.116	16.717	19.833	1.623	14.7	85	1.9	302	14
08/04/24 06:25	3.727	17.173	20.900	1.671	14.8	85	1.5	297	17
08/04/24 06:30	3.990	17.475	21.465	1.769	14.8	85	1.8	299	14
08/04/24 06:35	4.088	17.627	21.715	1.764	14.8	84	2.2	304	12
08/04/24 06:40	4.259	17.769	22.028	1.642	14.8	85	2.1	293	13
08/04/24 06:45	5.754	18.102	23.856	1.620	14.8	86	1.9	291	15
08/04/24 06:50	8.171	17.566	25.737	1.631	14.9	85	2.7	296	09
08/04/24 06:55	11.283	18.581	29.864	1.687	14.9	85	2.6	293	13
08/04/24 07:00	7.004	18.166	25.170	1.740	15.2	85	3.0	279	10
08/04/24 07:05	2.696	13.891	16.588	1.695	15.2	84	2.6	279	16
08/04/24 07:10	3.725	13.841	17.565	1.626	15.2	84	3.1	273	13
08/04/24 07:15	7.170	15.825	22.995	1.678	15.4	84	4.1	267	10
08/04/24 07:20	10.234	20.895	31.129	1.663	15.4	84	3.5	270	07
08/04/24 07:25	14.003	20.748	34.751	1.770	15.4	84	2.0	281	16
08/04/24 07:30	11.373	21.160	32.533	1.755	15.3	85	2.1	283	16
08/04/24 07:35	10.982	20.417	31.399	1.687	15.1	85	1.8	286	17
08/04/24 07:40	10.361	20.345	30.706	1.739	15.1	85	2.1	287	15
08/04/24 07:45	9.954	20.097	30.051	1.669	15.1	84	2.5	291	14
08/04/24 07:50	9.020	19.817	28.837	1.629	15.1	84	2.6	291	13
08/04/24 07:55	8.906	19.516	28.422	1.601	15.1	83	2.8	287	14
08/04/24 08:00	18.376	21.904	40.280	1.651	15.0	83	2.0	289	17
08/04/24 08:05	32.859	20.501	53.360	1.680	15.0	83	1.9	295	19
08/04/24 08:10	34.379	22.207	56.586	1.783	14.9	83	1.4	305	19
08/04/24 08:15	32.815	23.224	56.039	1.748	14.8	83	2.1	303	11
08/04/24 08:20	26.205	25.267	51.472	1.869	14.8	83	2.1	310	12
08/04/24 08:25	26.518	23.066	49.584	1.914	14.6	83	2.5	302	13
08/04/24 08:30	26.226	21.317	47.543	1.938	14.7	84	2.1	299	16
08/04/24 08:35	24.649	16.878	41.527	1.975	14.7	84	2.1	287	17
08/04/24 08:40	22.803	15.988	38.791	1.858	14.7	83	1.8	294	13
08/04/24 08:45	22.089	17.117	39.206	1.747	14.9	82	1.7	289	20
08/04/24 08:50	22.579	17.817	40.396	1.677	14.9	82	1.8	303	18
08/04/24 08:55	23.498	18.566	42.064	1.765	14.9	81	2.2	314	19
08/04/24 09:00	22.919	18.563	41.483	1.776	15.0	80	2.6	309	10
08/04/24 09:05	21.628	17.794	39.422	1.732	15.1	81	1.8	306	18
08/04/24 09:10	19.704	14.098	33.802	1.682	15.2	80	2.4	313	13
08/04/24 09:15	16.496	14.813	31.309	1.705	15.3	79	2.1	301	16
08/04/24 09:20	14.059	16.409	30.468	1.762	15.4	79	1.9	304	14
08/04/24 09:25	15.481	17.552	33.033	1.783	15.2	78	2.2	312	15
08/04/24 09:30	17.428	17.532	34.960	1.828	15.3	79	1.4	322	26
08/04/24 09:35	18.753	17.510	36.263	1.829	15.4	79	1.4	311	20
08/04/24 09:40	18.584	17.374	35.958	1.883	15.5	78	2.1	303	19
08/04/24 09:45	17.999	17.391	35.390	1.936	15.4	78	1.5	295	24
08/04/24 09:50	17.419	17.113	34.532	1.829	15.7	78	2.1	279	12
08/04/24 09:55	15.899	16.533	32.432	1.867	15.6	76	2.0	293	15
08/04/24 10:00	12.568	15.762	28.330	1.810	15.6	77	1.9	286	18
08/04/24 10:05	17.579	14.892	32.470	1.730	15.8	78	2.5	277	14
08/04/24 10:10	16.143	14.940	31.083	1.770	15.7	77	1.8	290	17
08/04/24 10:15	15.604	15.385	30.989	1.779	15.9	77	2.1	276	15
08/04/24 10:20	17.353	14.847	32.199	1.761	16.0	76	2.8	271	15
08/04/24 10:25	17.298	14.477	31.775	1.793	16.2	73	3.1	272	10
08/04/24 10:30	16.205	13.189	29.394	1.900	16.2	73	2.9	282	14
08/04/24 10:35	13.540	10.053	23.593	1.833	16.5	71	2.8	292	12
08/04/24 10:40	9.082	7.560	16.642	1.811	16.6	70	2.4	279	15
08/04/24 10:45	7.330	7.700	15.029	1.789	16.6	70	2.2	280	12
08/04/24 10:50	6.858	7.118	13.976	1.787	16.8	69	2.0	269	22
08/04/24 10:55	6.171	6.887	13.058	1.858	16.8	69	3.4	256	08
08/04/24 11:00	5.917	6.893	12.810	1.797	16.8	69	3.9	251	07
08/04/24 11:05	5.867	7.160	13.027	1.682	16.9	70	2.8	269	18
08/04/24 11:10	5.249	7.260	12.509	1.671	16.9	69	2.5	259	17
08/04/24 11:15	4.989	7.273	12.261	1.701	16.8	69	3.3	265	10
08/04/24 11:20	4.995	7.270	12.265	1.721	17.0	69	4.1	258	11
08/04/24 11:25	4.837	7.190	12.028	1.711	17.1	69	2.9	268	19
08/04/24 11:30	4.668	7.212	11.880	1.661	17.1	69	2.7	275	14
08/04/24 11:35	4.171	6.892	11.063	1.616	17.1	67	2.7	281	13
08/04/24 11:40	3.801	6.415	10.215	1.554	17.3	67	2.2	283	17
08/04/24 11:45	3.564	5.904	9.468	1.645	17.6	64	1.8	278	20
08/04/24 11:50	3.369	5.578	8.947	1.805	17.8	63	2.8	273	15
08/04/24 11:55	3.440	5.518	8.958	1.844	17.8	64	4.2	261	07
08/04/24 12:00	3.242	5.247	8.489	1.856	17.9	64	3.4	265	16
08/04/24 12:05	2.954	5.020	7.974	1.811	18.1	63	2.4	270	19
08/04/24 12:10	2.784	4.906	7.690	1.829	18.1	63	2.4	260	22
08/04/24 12:15	2.775	4.906	7.681	1.820	18.4	60	1.9	308	18
08/04/24 12:20	2.683	5.039	7.722	1.843	18.4	61	1.5	268	23
08/04/24 12:25	2.864	5.207	8.071	1.825	18.3	61	1.4	261	15
08/04/24 12:30	3.460	5.780	9.239	1.888	18.4	61	2.0	256	10
08/04/24 12:35	3.439	5.803	9.242	1.937	18.5	61	2.2	272	23
08/04/24 12:40	2.963	5.262	8.225	1.904	18.6	59	2.4	252	09
08/04/24 12:45	3.181	5.172	8.354	1.837	18.8	59	2.6	237	09
08/04/24 12:50	4.194	6.145	10.339	1.808	19.0	59	2.8	270	18
08/04/24 12:55	3.703	5.379	9.082	1.803	19.1	57	2.1	268	15
08/04/24 13:00	3.547	5.028	8.575	1.758	19.2	57	2.7	279	13
08/04/24 13:05	3.427	4.947	8.374	1.811	19.2	56	2.0	272	32
08/04/24 13:10	3.355	5.202	8.557	1.814	19.2	56	1.8	257	14
08/04/24 13:15	3.661	5.735	9.396	1.830	19.4	57	2.4	257	11
08/04/24 13:20	3.799	6.127	9.926	1.884	19.5	56	1.9	276	13
08/04/24 13:25	3.661	6.357	10.019	1.892	19.5	56	3.7	260	08
08/04/24 13:30	3.262	6.021	9.283	1.791	19.4	57	3.1	261	11
08/04/24 13:35	3.008	5.724	8.732	1.859	19.5	55	1.7	253	28
08/04/24 13:40	2.798	5.728	8.526	1.839	19.5	56	3.4	253	10
08/04/24 13:45	2.839	5.655	8.495	1.725	19.7	57	2.3	246	16
08/04/24 13:50	3.250	5.798	9.048	1.720	19.8	56	2.6	242	12
08/04/24 13:55	3.215	5.502	8.717	1.739	19.7	56	2.6	264	13
08/04/24 14:00	2.683	4.802	7.484	1.801	19.9	51	1.9	292	21

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/04/24 14:05	2.263	4.418	6.681	1.777	20.1	51	1.7	282	25
08/04/24 14:10	2.237	4.735	6.972	1.638	20.4	51	3.2	267	07
08/04/24 14:15	2.101	4.880	6.981	1.610	20.3	51	2.3	251	14
08/04/24 14:20	2.178	5.163	7.341	1.522	20.3	54	2.6	255	08
08/04/24 14:25	2.267	5.505	7.772	1.476	20.4	52	2.3	268	16
08/04/24 14:30	2.149	5.938	8.087	1.441	20.5	50	1.9	282	16
08/04/24 14:35	1.987	6.150	8.137	1.497	20.5	51	4.4	264	06
08/04/24 14:40	1.799	6.095	7.894	1.502	20.5	52	3.8	261	09
08/04/24 14:45	1.468	5.931	7.400	1.469	20.4	52	3.8	263	07
08/04/24 14:50	1.287	5.719	7.006	1.465	20.5	52	3.6	267	08
08/04/24 14:55	1.183	5.488	6.671	1.468	20.4	53	3.6	272	10
08/04/24 15:00	1.701	6.011	7.712	1.440	20.4	55	3.6	241	28
08/04/24 15:05	44.614	23.821	68.435	1.476	20.3	55	3.0	199	15
08/04/24 15:10	5.870	6.185	12.055	1.557	20.2	56	3.4	208	16
08/04/24 15:15	20.623	9.558	30.180	1.575	20.1	58	3.6	202	07
08/04/24 15:20	7.856	9.678	17.534	1.554	20.1	56	2.8	194	11
08/04/24 15:25	21.197	9.821	31.018	1.539	19.8	66	5.6	199	08
08/04/24 15:30	1.369	4.116	5.484	1.556	19.6	69	3.6	187	13
08/04/24 15:35	1.340	3.762	5.102	1.571	19.6	70	2.5	177	18
08/04/24 15:40	1.045	3.738	4.784	1.602	19.6	68	3.5	190	09
08/04/24 15:45	0.940	3.280	4.219	1.647	19.8	70	3.1	190	14
08/04/24 15:50	0.794	3.061	3.855	1.724	19.9	70	2.6	191	12
08/04/24 15:55	0.749	3.134	3.883	1.591	20.0	70	3.0	192	10
08/04/24 16:00	1.217	2.881	4.098	1.548	20.1	66	2.1	190	27
08/04/24 16:05	7.712	9.087	16.799	1.539	20.1	62	1.8	270	32
08/04/24 16:10	0.803	4.607	5.410	1.563	20.4	54	5.5	270	12
08/04/24 16:15	1.202	5.304	6.506	1.614	20.6	55	5.3	273	10
08/04/24 16:20	1.055	4.798	5.853	1.601	20.6	55	4.9	272	11
08/04/24 16:25	1.035	4.706	5.742	1.551	20.6	56	5.4	267	09
08/04/24 16:30	1.276	5.246	6.522	1.553	20.6	55	6.5	268	07
08/04/24 16:35	1.213	5.190	6.403	1.631	20.4	55	5.6	265	06
08/04/24 16:40	1.217	5.370	6.587	1.632	20.5	55	4.7	264	08
08/04/24 16:45	1.538	6.497	8.034	1.590	20.4	56	4.8	262	08
08/04/24 16:50	1.558	6.831	8.389	1.627	20.4	56	5.0	258	05
08/04/24 16:55	2.981	13.083	16.064	1.659	20.0	62	6.4	232	15
08/04/24 17:00	68.128	29.555	97.683	1.661	18.6	79	7.5	215	07
08/04/24 17:05	50.861	19.142	70.003	1.743	18.3	81	8.2	221	07
08/04/24 17:10	6.798	10.779	17.577	1.588	17.7	86	9.7	235	06
08/04/24 17:15	14.394	9.816	24.210	1.573	17.2	88	9.6	242	06
08/04/24 17:20	5.157	6.312	11.468	1.596	16.9	87	9.1	241	04
08/04/24 17:25	1.546	4.451	5.998	1.586	16.7	89	7.7	240	07
08/04/24 17:30	0.920	2.904	3.825	1.594	16.7	89	6.4	242	06
08/04/24 17:35	1.181	5.127	6.308	1.628	16.6	89	5.2	251	08
08/04/24 17:40	1.423	8.797	10.219	1.600	16.8	87	5.7	242	07
08/04/24 17:45	1.909	7.784	9.692	1.588	16.9	86	7.3	236	09
08/04/24 17:50	1.190	3.724	4.914	1.616	16.9	85	7.1	244	08
08/04/24 17:55	0.821	4.333	5.154	1.665	16.2	86	6.0	245	07
08/04/24 18:00	1.046	6.985	8.031	1.676	16.2	84	6.2	255	07
08/04/24 18:05	2.334	15.602	17.935	1.507	16.2	79	4.9	257	09
08/04/24 18:10	2.699	16.528	19.228	1.479	16.5	76	4.0	259	13
08/04/24 18:15	4.777	21.631	26.408	1.597	16.7	77	4.9	270	09
08/04/24 18:20	3.939	14.024	17.963	1.730	16.7	79	5.7	268	08
08/04/24 18:25	3.710	14.200	17.910	1.773	16.7	81	5.6	269	09
08/04/24 18:30	3.770	13.412	17.181	1.755	16.7	81	3.5	280	14
08/04/24 18:35	2.582	5.833	8.416	1.765	16.6	81	3.8	280	11
08/04/24 18:40	1.373	5.322	6.696	1.781	16.5	80	3.7	276	13
08/04/24 18:45	0.753	7.613	8.366	1.754	16.5	81	3.2	277	15
08/04/24 18:50	0.739	11.059	11.798	1.812	16.4	82	2.5	281	18
08/04/24 18:55	0.798	13.679	14.477	1.855	16.3	82	2.4	286	16
08/04/24 19:00	0.890	15.139	16.030	1.827	16.3	84	2.3	278	15
08/04/24 19:05	1.276	16.327	17.603	1.765	16.3	83	3.0	267	13
08/04/24 19:10	40.764	33.213	73.977	1.818	16.5	81	3.4	252	15
08/04/24 19:15	28.185	24.507	52.692	1.940	16.5	80	3.7	255	10
08/04/24 19:20	5.925	16.725	22.650	2.005	16.6	82	4.0	245	11
08/04/24 19:25	0.007	4.820	4.827	1.929	16.8	84	4.3	229	15
08/04/24 19:30	1.124	2.576	3.700	1.834	16.9	82	3.7	227	18
08/04/24 19:35	1.138	11.024	12.162	1.815	16.7	83	3.5	251	10
08/04/24 19:40	1.274	12.665	13.940	1.857	16.6	84	3.3	246	10
08/04/24 19:45	1.398	12.744	14.142	1.831	16.6	84	4.0	259	05
08/04/24 19:50	9.578	17.565	27.143	1.784	16.4	85	3.1	269	09
08/04/24 19:55	1.961	12.234	14.195	1.755	16.3	86	2.3	273	12
08/04/24 20:00	1.456	14.130	15.586	1.820	16.1	87	1.9	291	17
08/04/24 20:05	1.312	14.868	16.180	1.665	16.0	88	1.8	262	20
08/04/24 20:10	1.978	13.382	15.360	1.739	16.0	88	5.5	244	11
08/04/24 20:15	1.171	0.781	1.952	1.902	15.8	91	5.4	238	09
08/04/24 20:20	1.548	11.664	13.211	1.859	15.7	90	6.9	216	08
08/04/24 20:25	6.024	9.235	15.259	1.912	15.8	87	7.2	209	06
08/04/24 20:30	7.924	8.065	15.989	1.764	16.1	87	7.0	207	06
08/04/24 20:35	17.566	12.786	30.352	1.766	16.0	88	5.2	196	10
08/04/24 20:40	27.164	15.195	42.358	1.788	15.8	90	5.5	198	09
08/04/24 20:45	19.911	12.840	32.751	1.792	16.0	87	7.7	205	05
08/04/24 20:50	10.270	3.586	13.856	1.820	16.1	88	8.8	209	04
08/04/24 20:55	-0.256	1.348	1.092	1.767	16.3	87	8.4	214	05
08/04/24 21:00	-0.090	1.208	1.118	1.734	16.3	86	9.5	221	04
08/04/24 21:05	-0.004	0.996	0.992	1.743	16.0	88	8.5	224	04
08/04/24 21:10	-0.027	0.883	0.856	1.752	16.0	89	8.8	221	04
08/04/24 21:15	-0.027	0.798	0.770	1.725	15.7	91	8.4	219	05
08/04/24 21:20	0.075	0.773	0.848	1.730	15.4	92	8.2	219	06
08/04/24 21:25	0.110	0.745	0.855	1.715	15.6	91	8.4	212	05
08/04/24 21:30	0.122	0.797	0.920	1.637	15.7	88	9.1	218	04
08/04/24 21:35	0.010	0.709	0.719	1.613	15.6	87	9.4	217	04
08/04/24 21:40	-0.002	0.641	0.639	1.597	15.5	87	9.5	226	05
08/04/24 21:45	0.063	0.613	0.675	1.606	15.5	84	8.9	222	06
08/04/24 21:50	-0.030	0.487	0.457	1.598	15.5	85	8.9	231	06
08/04/24 21:55	-0.056	0.437	0.382	1.620	15.3	82	10.9	230	07
08/04/24 22:00	0.165	0.604	0.769	1.667	15.2	82	9.6	222	05
08/04/24 22:05	0.120	0.669	0.789	1.721	15.0	83	9.7	234	08
08/04/24 22:10	0.112	1.015	1.128	1.740	13.8	87	8.2	244	06
08/04/24 22:15	0.692	2.948	3.640	1.779	13.5	88	6.9	245	07
08/04/24 22:20	0.724	3.270	3.994	1.888	13.9	87	6.1	243	08
08/04/24 22:25	0.603	2.569	3.172	1.729	14.7	83	8.0	227	07
08/04/24 22:30	0.408	1.189	1.597	1.619	15.2	80	9.4	231	06
08/04/24 22:35	0.131	1.164	1.295	1.540	14.9	81	7.0	245	08
08/04/24 22:40	0.187	2.437	2.624	1.592	14.5	83	7.2	248	08

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/04/24 22:45	0.340	5.345	5.685	1.721	14.3	85	6.3	250	11
08/04/24 22:50	0.753	10.112	10.865	1.622	14.0	88	6.8	252	09
08/04/24 22:55	1.215	10.994	12.209	1.692	13.9	89	6.5	254	07
08/04/24 23:00	1.944	13.133	15.077	1.601	13.7	90	6.1	254	08
08/04/24 23:05	2.498	14.320	16.819	1.587	13.6	91	5.8	256	08
08/04/24 23:10	3.547	17.602	21.148	1.577	13.6	92	5.8	252	08
08/04/24 23:15	3.803	14.105	17.907	1.517	13.6	91	6.8	253	06
08/04/24 23:20	3.416	8.971	12.387	1.502	13.8	91	5.9	249	07
08/04/24 23:25	3.048	8.779	11.826	1.546	13.7	92	5.3	243	09
08/04/24 23:30	2.682	8.065	10.747	1.606	13.7	91	5.9	241	08
08/04/24 23:35	2.290	7.090	9.380	1.625	13.6	92	5.1	251	07
08/04/24 23:40	2.208	9.466	11.674	1.656	13.6	92	4.7	246	11
08/04/24 23:45	1.951	5.968	7.919	1.666	13.7	91	5.2	238	08
08/04/24 23:50	1.528	1.680	3.208	1.723	14.0	88	5.9	222	08
08/04/24 23:55	1.400	5.109	6.509	1.719	14.5	86	4.9	235	24
09/04/24 00:00	2.455	19.322	21.777	1.775	13.8	88	5.2	261	07
09/04/24 00:05	3.590	19.125	22.715	1.811	13.6	88	4.7	262	07
09/04/24 00:10	4.414	17.780	22.193	1.743	13.7	88	5.4	263	07
09/04/24 00:15	4.669	17.039	21.708	1.714	13.7	87	4.8	263	08
09/04/24 00:20	4.516	16.167	20.684	1.683	13.7	87	5.0	264	07
09/04/24 00:25	4.446	15.795	20.242	1.796	13.7	88	5.4	263	09
09/04/24 00:30	4.171	14.811	18.981	1.795	13.6	88	5.7	259	10
09/04/24 00:35	4.270	14.608	18.878	1.780	13.6	88	5.6	262	08
09/04/24 00:40	4.974	12.942	17.915	1.930	13.5	88	6.4	262	07
09/04/24 00:45	3.664	6.766	10.430	1.931	13.3	89	6.4	268	06
09/04/24 00:50	1.442	5.329	6.771		13.2	89	5.5	267	08
09/04/24 00:55	0.651	6.245	6.896		13.1	90	4.5	264	09
09/04/24 01:00	0.572	6.660	7.232	1.923	12.9	90	4.6	268	06
09/04/24 01:05					12.8	90	3.2	274	08
09/04/24 01:10					12.7	90	2.0	282	15
09/04/24 01:15					12.5	91	2.0	292	12
09/04/24 01:20					12.6	91	2.6	277	12
09/04/24 01:25					12.7	90	2.7	275	11
09/04/24 01:30					12.7	89	2.1	289	15
09/04/24 01:35					12.6	89	2.4	294	08
09/04/24 01:40					12.5	90	2.0	288	12
09/04/24 01:45					12.6	89	1.9	289	13
09/04/24 01:50					12.6	89	2.1	294	12
09/04/24 01:55					12.4	89	2.2	301	11
09/04/24 02:00					12.4	90	2.2	298	13
09/04/24 02:05	0.862	15.135	15.997	1.791	12.3	87	2.6	295	10
09/04/24 02:10	1.072	14.893	15.965	1.733	12.4	86	2.6	297	15
09/04/24 02:15	0.936	13.213	14.149	1.707	12.4	85	2.7	290	13
09/04/24 02:20	0.913	12.436	13.349	1.622	12.4	86	2.6	293	11
09/04/24 02:25	0.941	13.232	14.173	1.647	12.4	86	2.6	290	12
09/04/24 02:30	1.124	14.212	15.336	1.539	12.5	86	2.3	286	15
09/04/24 02:35	1.211	14.634	15.846	1.503	12.6	86	2.5	290	14
09/04/24 02:40	1.262	14.635	15.897	1.621	12.7	86	2.5	289	15
09/04/24 02:45	1.455	14.943	16.397	1.572	12.5	84	2.9	295	13
09/04/24 02:50	1.504	15.143	16.647	1.490	12.7	87	2.3	289	15
09/04/24 02:55	1.287	14.570	15.857	1.373	12.7	86	2.5	295	13
09/04/24 03:00	1.004	13.556	14.560	1.417	12.6	87	2.2	277	15
09/04/24 03:05	1.210	13.643	14.853	1.410	12.8	88	3.6	256	13
09/04/24 03:10	2.591	14.893	17.484	1.469	12.9	84	5.0	252	08
09/04/24 03:15	3.148	14.306	17.454	1.499	13.1	84	5.6	253	09
09/04/24 03:20	3.190	12.405	15.595	1.591	13.3	83	5.9	256	07
09/04/24 03:25	3.100	11.219	14.320	1.626	13.2	83	5.7	256	08
09/04/24 03:30	3.425	11.729	15.154	1.514	13.3	83	5.8	256	07
09/04/24 03:35	3.899	12.047	15.946	1.512	13.3	83	5.2	258	07
09/04/24 03:40	4.177	12.221	16.398	1.600	13.1	83	5.2	259	08
09/04/24 03:45	4.851	12.855	17.705	1.692	13.0	86	5.2	260	08
09/04/24 03:50	5.637	14.763	20.400	1.758	13.0	84	6.0	255	07
09/04/24 03:55	6.941	16.582	23.523	1.791	12.8	84	6.3	251	06
09/04/24 04:00	7.178	12.618	19.796	1.866	12.7	83	6.6	254	07
09/04/24 04:05	6.629	10.004	16.633	1.896	12.9	83	6.3	253	09
09/04/24 04:10	4.832	10.424	15.256	1.898	12.9	81	6.2	255	06
09/04/24 04:15	5.672	14.955	20.627	2.036	12.9	81	6.0	249	07
09/04/24 04:20	8.965	15.368	24.333	2.099	13.0	80	6.6	249	08
09/04/24 04:25	4.761	10.352	15.113	2.118	12.9	80	6.5	246	07
09/04/24 04:30	2.217	6.853	9.070	2.116	12.9	82	6.8	242	06
09/04/24 04:35	1.374	4.837	6.211	1.994	12.7	84	5.4	251	08
09/04/24 04:40	1.602	8.738	10.340	1.834	12.7	84	5.4	255	06
09/04/24 04:45	1.922	9.425	11.347	1.748	12.7	83	5.5	254	07
09/04/24 04:50	2.152	9.795	11.948	1.837	12.7	82	5.3	252	07
09/04/24 04:55	2.550	9.971	12.521	1.936	12.7	82	5.5	255	08
09/04/24 05:00	2.777	10.149	12.927	2.003	12.6	82	5.7	252	08
09/04/24 05:05	2.857	10.192	13.048	2.001	12.5	82	5.4	250	08
09/04/24 05:10	2.823	10.178	13.001	1.925	12.6	82	4.7	254	08
09/04/24 05:15	2.771	10.056	12.827	1.993	12.5	81	5.1	249	08
09/04/24 05:20	2.700	10.088	12.788	1.949	12.6	81	4.8	253	06
09/04/24 05:25	2.961	10.320	13.281	1.834	12.5	81	5.7	256	06
09/04/24 05:30	3.159	10.558	13.717	1.932	12.4	81	6.0	251	07
09/04/24 05:35	3.187	10.463	13.650	2.029	12.6	81	6.5	248	06
09/04/24 05:40	2.954	9.796	12.750	2.019	12.5	82	5.0	245	06
09/04/24 05:45	2.564	8.957	11.521	1.966	12.4	82	4.6	246	08
09/04/24 05:50	3.074	10.013	13.087	1.963	12.5	82	5.2	246	11
09/04/24 05:55	3.919	11.344	15.263	1.934	12.5	82	5.5	246	09
09/04/24 06:00	3.420	8.011	11.431	1.833	12.8	82	6.7	246	09
09/04/24 06:05	2.574	5.190	7.764	1.815	12.9	81	6.0	247	09
09/04/24 06:10	1.963	5.944	7.907	1.833	13.0	81	5.6	247	09
09/04/24 06:15	2.148	8.392	10.539	1.850	12.8	82	5.0	254	07
09/04/24 06:20	2.477	10.486	12.963	1.833	12.6	82	5.2	255	05
09/04/24 06:25	2.581	9.833	12.414	1.842	12.5	83	5.7	255	07
09/04/24 06:30	2.745	10.356	13.101	1.902	12.7	82	6.1	258	07
09/04/24 06:35	3.149	12.194	15.342	1.893	12.5	82	6.3	254	07
09/04/24 06:40	3.765	14.121	17.886	1.949	12.4	81	6.2	250	07
09/04/24 06:45	4.808	14.012	18.821	1.840	12.5	82	7.2	253	05
09/04/24 06:50	3.956	8.211	12.167	1.781	12.5	83	6.5	251	09
09/04/24 06:55	3.514	8.394	11.908	1.735	12.6	83	6.8	250	09
09/04/24 07:00	3.746	10.345	14.091	1.646	12.8	84	7.5	244	08
09/04/24 07:05	3.471	9.349	12.820	1.652	12.9	85	7.5	247	07
09/04/24 07:10	5.114	14.292	19.406	1.718	13.1	85	6.1	252	07
09/04/24 07:15	5.262	9.515	14.777	1.727	12.6	85	7.7	251	06
09/04/24 07:20	5.937	13.024	18.961	1.785	12.5	85	6.8	249	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/04/24 07:25	4.265	10.481	14.746	1.757	12.5	86	5.9	254	08
09/04/24 07:30	4.050	10.620	14.670	1.736	12.5	86	5.8	255	09
09/04/24 07:35	5.798	13.676	19.474	1.856	12.3	87	5.9	259	06
09/04/24 07:40	10.422	15.759	26.181	1.920	12.3	86	6.3	258	05
09/04/24 07:45	9.776	14.459	24.235	2.019	12.2	84	6.9	251	06
09/04/24 07:50	7.060	12.853	19.913	2.028	12.1	83	7.9	249	07
09/04/24 07:55	4.042	11.196	15.238	1.836	12.1	83	7.4	254	08
09/04/24 08:00	4.079	10.912	14.991	1.881	12.1	83	7.0	254	07
09/04/24 08:05	4.199	10.652	14.852	1.968	12.1	84	7.4	250	08
09/04/24 08:10	4.093	10.463	14.556	1.888	12.1	84	8.2	254	09
09/04/24 08:15	4.475	10.474	14.948	1.901	12.0	85	7.5	252	06
09/04/24 08:20	4.867	10.736	15.603	1.861	12.1	86	7.3	246	08
09/04/24 08:25	4.888	10.459	15.348	1.834	12.2	86	6.3	247	07
09/04/24 08:30	5.142	10.397	15.538	1.827	12.2	86	5.6	247	08
09/04/24 08:35	5.188	10.267	15.455	1.806	12.4	86	4.9	248	09
09/04/24 08:40	4.974	9.835	14.809	1.745	13.0	87	6.2	234	06
09/04/24 08:45	3.697	3.088	6.785	1.642	13.6	86	6.8	230	05
09/04/24 08:50	1.901	1.816	3.717	1.556	13.6	85	6.1	242	10
09/04/24 08:55	1.576	3.317	4.892	1.581	13.1	84	6.1	252	09
09/04/24 09:00	2.239	6.400	8.639	1.640	12.5	85	6.8	252	07
09/04/24 09:05	3.269	10.927	14.196	1.692	12.5	85	5.9	249	07
09/04/24 09:10	4.391	13.258	17.649	1.676	12.3	86	5.4	249	07
09/04/24 09:15	4.940	12.601	17.541	1.660	12.5	85	5.4	244	11
09/04/24 09:20	5.281	12.056	17.338	1.658	12.5	85	4.9	254	06
09/04/24 09:25	5.446	11.743	17.188	1.817	12.6	86	5.2	254	08
09/04/24 09:30	5.406	11.326	16.731	1.859	12.6	85	5.6	247	06
09/04/24 09:35	4.895	10.221	15.116	1.938	12.9	86	7.0	244	07
09/04/24 09:40	3.935	3.580	7.515	2.003	12.9	83	7.7	247	05
09/04/24 09:45	3.657	4.660	8.317	2.082	12.9	84	6.9	244	08
09/04/24 09:50	3.403	4.889	8.291	1.993	13.0	85	6.9	243	06
09/04/24 09:55	3.224	5.047	8.271	1.963	13.0	84	6.0	243	10
09/04/24 10:00	3.555	5.829	9.384	1.910	13.0	84	5.8	252	07
09/04/24 10:05	3.924	6.351	10.275	1.962	13.0	84	6.4	251	07
09/04/24 10:10	3.959	6.137	10.095	1.951	13.0	84	6.7	251	08
09/04/24 10:15	3.835	5.943	9.778	2.013	13.1	83	6.8	245	06
09/04/24 10:20	3.771	5.974	9.745	2.095	13.1	84	6.2	249	06
09/04/24 10:25	3.953	6.250	10.203	2.041	13.2	83	5.8	252	09
09/04/24 10:30	4.141	6.718	10.859	1.898	13.2	83	5.8	256	08
09/04/24 10:35	4.766	7.268	12.034	1.838	13.3	83	6.5	249	07
09/04/24 10:40	5.089	7.518	12.607	1.888	13.4	82	6.7	252	06
09/04/24 10:45	5.582	7.774	13.356	1.910	13.6	84	7.8	243	10
09/04/24 10:50	9.142	9.782	18.924	1.875	14.0	86	9.0	227	08
09/04/24 10:55	38.576	6.544	45.121	1.901	13.5	89	7.5	217	06
09/04/24 11:00	53.465	11.148	64.612	1.839	13.5	86	7.4	215	06
09/04/24 11:05	45.778	6.913	52.692	1.724	13.8	85	6.8	213	07
09/04/24 11:10	2.560	1.644	4.203	1.693	14.2	80	7.6	199	08
09/04/24 11:15	10.468	15.323	25.791	1.639	14.2	79	6.1	194	09
09/04/24 11:20	17.870	7.348	25.218	1.637	14.3	77	6.3	201	08
09/04/24 11:25	5.334	4.738	10.072	1.572	14.8	75	7.2	204	06
09/04/24 11:30	57.877	14.671	72.548	1.632	15.1	71	5.8	195	10
09/04/24 11:35	47.972	12.484	60.456	1.774	15.2	66	7.2	197	08
09/04/24 11:40	5.806	9.984	15.790	1.566	15.6	68	7.0	197	08
09/04/24 11:45	6.061	3.544	9.605	1.434	15.0	72	9.9	202	08
09/04/24 11:50	31.216	18.556	49.771	1.439	14.4	71	5.9	190	15
09/04/24 11:55	77.430	22.328	99.758	1.697	14.7	71	5.9	194	10
09/04/24 12:00	14.068	6.707	20.775	1.721	14.9	66	6.7	200	09
09/04/24 12:05	45.749	7.216	52.966	1.825	15.2	70	6.0	219	09
09/04/24 12:10	30.690	14.918	45.608	1.799	14.9	76	6.1	229	06
09/04/24 12:15	2.528	2.485	5.013	1.550	14.8	76	6.4	237	08
09/04/24 12:20	2.741	2.614	5.354	1.453	14.7	79	6.6	243	07
09/04/24 12:25	2.839	3.075	5.914	1.393	14.6	80	6.9	238	06
09/04/24 12:30	2.543	3.510	6.053	1.386	14.6	78	7.1	245	11
09/04/24 12:35	3.344	4.768	8.112	1.417	14.7	79	8.3	232	09
09/04/24 12:40	15.415	5.241	20.656	1.441	14.5	84	9.5	228	09
09/04/24 12:45	7.079	2.448	9.528	1.412	14.0	88	9.5	230	06
09/04/24 12:50	0.110	1.023	1.133	1.275	14.1	84	9.9	224	06
09/04/24 12:55	1.207	0.995	2.202	1.273	14.8	81	8.7	220	04
09/04/24 13:00	1.303	1.431	2.733	1.345	15.0	76	8.0	217	06
09/04/24 13:05	59.709	26.448	86.157	1.442	15.5	72	8.3	206	06
09/04/24 13:10	27.263	9.682	36.945	1.418	15.6	68	8.0	198	06
09/04/24 13:15	38.148	7.565	45.713	1.443	15.8	69	8.4	205	07
09/04/24 13:20	3.831	6.327	10.158	1.445	15.7	65	8.7	203	04
09/04/24 13:25	5.036	4.234	9.270	1.368	15.7	69	7.5	203	06
09/04/24 13:30				1.321	15.8	65	7.3	201	05
09/04/24 13:35	13.108	2.839	15.947	1.258	15.8	63	7.4	203	06
09/04/24 13:40	10.831	5.303	16.135	1.344	15.8	64	7.6	201	05
09/04/24 13:45	6.826	2.090	8.916	1.256	16.1	64	6.8	202	06
09/04/24 13:50	16.780	9.454	26.234	1.227	16.0	64	6.9	207	05
09/04/24 13:55	19.105	7.337	26.442	1.205	16.0	64	7.3	205	05
09/04/24 14:00	33.035	7.074	40.109	1.181	16.1	65	7.5	209	06
09/04/24 14:05	40.576	16.791	57.367	1.076	15.3	74	9.5	209	05
09/04/24 14:10	27.896	6.250	34.145	1.047	14.5	79	9.8	213	06
09/04/24 14:15	58.451	15.675	74.126	1.034	14.8	77	8.1	209	08
09/04/24 14:20	61.489	14.526	76.015	1.250	15.1	74	6.6	200	09
09/04/24 14:25	71.180	14.122	85.302	1.394	15.1	71	5.1	194	08
09/04/24 14:30	42.615	10.553	53.167	1.483	15.3	68	4.9	194	09
09/04/24 14:35	64.258	15.845	80.103	1.495	15.5	64	4.5	191	09
09/04/24 14:40	75.595	24.358	99.953	1.442	15.8	64	4.4	193	12
09/04/24 14:45	63.481	28.173	91.653	1.471	16.1	65	5.1	194	09
09/04/24 14:50	54.446	26.730	81.175	1.492	16.1	64	5.2	191	09
09/04/24 14:55	48.019	23.759	71.778	1.508	16.0	64	5.0	191	08
09/04/24 15:00	16.114	18.277	34.392	1.463	16.1	63	4.7	195	08
09/04/24 15:05	8.369	5.503	13.871	1.309	16.2	64	4.6	194	09
09/04/24 15:10	2.448	2.515	4.964	1.304	16.2	65	4.5	195	10
09/04/24 15:15	3.193	4.158	7.351	1.372	16.3	65	3.7	195	09
09/04/24 15:20	3.177	3.655	6.831	1.267	16.8	63	5.0	197	10
09/04/24 15:25	2.731	1.962	4.693	1.178	17.1	58	6.4	201	06
09/04/24 15:30	36.745	21.755	58.500	1.199	17.1	61	6.2	202	07
09/04/24 15:35	88.917	22.197	111.113	1.382	17.0	66	7.3	201	08
09/04/24 15:40	61.790	17.927	79.717	1.451	16.5	66	7.6	201	06
09/04/24 15:45	24.086	9.971	34.057	1.407	15.9	74	9.7	220	06
09/04/24 15:50	0.344	0.543	0.887	1.360	15.1	79	9.7	224	06
09/04/24 15:55	-0.085	0.510	0.425	1.324	14.7	78	6.9	226	06
09/04/24 16:00	0.521	1.142	1.663	1.180	14.7	77	4.9	224	05

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/04/24 16:05	0.291	0.921	1.213	1.085	15.0	75	4.6	227	05
09/04/24 16:10	0.799	1.814	2.612	1.063	15.4	73	4.5	218	09
09/04/24 16:15	34.949	15.029	49.978	1.103	16.1	67	5.7	207	13
09/04/24 16:20	51.141	13.813	64.954	1.045	16.5	61	7.1	207	08
09/04/24 16:25	27.718	15.041	42.759	1.072	16.7	59	6.6	204	08
09/04/24 16:30	35.775	15.503	51.278	1.082	16.9	60	6.3	202	07
09/04/24 16:35	58.007	12.631	70.638	1.114	17.1	59	6.4	201	09
09/04/24 16:40	62.200	21.589	83.789	1.069	17.0	61	7.4	204	08
09/04/24 16:45	29.599	13.354	42.953	1.234	16.6	64	6.5	198	08
09/04/24 16:50	82.275	19.991	102.267	1.272	16.5	64	6.1	202	10
09/04/24 16:55	101.096	14.672	115.768	1.376	16.6	62	7.4	206	09
09/04/24 17:00	39.187	10.824	50.011	1.380	16.3	62	7.1	207	07
09/04/24 17:05	42.195	16.205	58.400	1.337	16.5	64	6.6	205	07
09/04/24 17:10	31.228	13.529	44.757	1.320	16.4	63	6.3	204	10
09/04/24 17:15	42.271	12.073	54.344	1.280	16.5	64	7.0	207	06
09/04/24 17:20	13.021	9.115	22.136	1.239	16.5	66	6.7	209	07
09/04/24 17:25	24.735	10.073	34.808	1.237	16.4	67	6.5	202	07
09/04/24 17:30	50.818	18.646	69.464	1.283	16.1	68	7.4	206	08
09/04/24 17:35	7.819	1.571	9.390	1.334	15.6	70	6.2	213	05
09/04/24 17:40	19.825	7.159	26.984	1.233	15.6	71	5.3	209	08
09/04/24 17:45	24.417	4.951	29.368	1.230	16.1	71	7.1	210	09
09/04/24 17:50	24.784	9.279	34.063	1.081	16.3	64	5.4	197	10
09/04/24 17:55	28.760	16.653	45.413	1.000	16.2	63	6.1	196	08
09/04/24 18:00	44.717	15.270	59.987	1.003	16.3	67	6.5	206	08
09/04/24 18:05	46.309	17.513	63.822	1.071	16.4	65	6.9	200	07
09/04/24 18:10	70.861	24.413	95.274	1.189	16.3	68	7.8	203	07
09/04/24 18:15	55.318	19.072	74.390	1.195	16.3	66	6.8	201	08
09/04/24 18:20	17.899	8.324	26.223	1.133	16.1	60	5.9	195	10
09/04/24 18:25	24.397	19.392	43.789	1.202	16.1	60	5.3	192	07
09/04/24 18:30	18.611	20.383	38.993	1.248	16.1	62	4.8	192	09
09/04/24 18:35	26.738	18.909	45.647	1.283	16.0	64	5.0	197	08
09/04/24 18:40	46.003	23.736	69.738	1.205	16.0	64	4.2	193	11
09/04/24 18:45	39.846	26.636	66.482	1.138	16.2	66	5.2	203	06
09/04/24 18:50	33.688	18.808	52.496	1.138	16.4	66	7.3	207	06
09/04/24 18:55	34.550	21.391	55.941	1.159	16.5	65	6.9	203	09
09/04/24 19:00	4.867	2.604	7.471	1.080	16.4	70	8.9	211	05
09/04/24 19:05	1.049	4.028	5.077	1.017	16.2	69	9.2	215	04
09/04/24 19:10	2.051	3.275	5.327	0.932	16.1	69	8.7	208	05
09/04/24 19:15	1.184	2.389	3.573	0.983	16.2	70	8.1	210	06
09/04/24 19:20	0.536	1.793	2.329	1.000	16.2	68	7.3	203	07
09/04/24 19:25	0.448	1.979	2.427	1.005	16.2	67	8.3	208	06
09/04/24 19:30	0.601	2.393	2.993	0.898	16.4	72	8.9	209	04
09/04/24 19:35	0.511	1.041	1.552	0.831	16.3	70	8.9	206	05
09/04/24 19:40	0.376	0.871	1.248	0.832	16.3	69	9.1	214	05
09/04/24 19:45	0.317	1.077	1.394	0.899	16.3	70	9.1	213	04
09/04/24 19:50	0.705	2.513	3.217	0.898	16.2	67	7.8	209	05
09/04/24 19:55	0.530	0.543	1.073	0.935	16.2	68	8.3	217	05
09/04/24 20:00	22.414	15.159	37.573	0.972	16.1	67	7.1	206	07
09/04/24 20:05	15.713	11.293	27.006	1.049	16.1	68	6.8	210	05
09/04/24 20:10	3.464	3.951	7.414	1.031	16.1	68	6.8	205	05
09/04/24 20:15	0.878	2.404	3.282	0.933	16.0	72	7.9	212	06
09/04/24 20:20	0.624	1.507	2.132	0.785	15.6	74	8.4	207	08
09/04/24 20:25	0.595	1.481	2.076	0.682	15.6	75	7.1	212	05
09/04/24 20:30	0.271	0.638	0.909	0.804	15.6	72	6.7	207	06
09/04/24 20:35	0.242	0.414	0.656	0.778	15.8	71	6.5	211	07
09/04/24 20:40	0.232	0.359	0.591	0.806	15.8	70	7.7	206	08
09/04/24 20:45	40.199	15.182	55.380	0.790	14.9	81	7.4	195	08
09/04/24 20:50	5.157	4.198	9.355	0.825	14.7	80	7.7	196	09
09/04/24 20:55	2.865	1.547	4.412	0.747	15.0	77	8.7	204	05
09/04/24 21:00	0.822	0.871	1.694	0.601	15.5	75	9.0	208	06
09/04/24 21:05	0.403	0.678	1.081	0.543	15.7	72	8.6	214	04
09/04/24 21:10	0.275	0.585	0.860	0.603	15.7	72	8.2	220	05
09/04/24 21:15	0.266	0.554	0.819	0.671	15.7	70	7.5	223	07
09/04/24 21:20	0.130	0.532	0.662	0.672	15.6	67	7.1	229	05
09/04/24 21:25	0.087	0.664	0.751	0.765	15.7	67	6.7	218	05
09/04/24 21:30	0.145	0.899	1.045	0.750	15.6	72	7.9	213	04
09/04/24 21:35	-0.036	0.790	0.754	0.634	15.6	71	7.7	216	04
09/04/24 21:40	-0.137	0.778	0.642	0.632	15.8	69	8.3	223	06
09/04/24 21:45	-0.001	0.690	0.689	0.688	15.9	68	8.4	227	05
09/04/24 21:50	0.102	0.646	0.748	0.713	15.9	66	8.7	229	06
09/04/24 21:55	0.143	0.556	0.699	0.829	15.8	69	7.9	227	06
09/04/24 22:00	0.246	1.100	1.346	0.903	15.9	70	8.1	228	05
09/04/24 22:05	0.181	0.961	1.142	0.887	16.0	70	8.3	224	06
09/04/24 22:10	0.148	0.883	1.031	0.812	16.0	69	8.5	224	05
09/04/24 22:15	0.222	0.788	1.009	0.696	16.0	70	8.0	222	05
09/04/24 22:20	0.984	1.366	2.350	0.610	15.8	71	9.0	215	07
09/04/24 22:25	17.991	11.171	29.162	0.687	15.6	73	8.8	219	05
09/04/24 22:30	12.226	6.548	18.774	0.726	15.5	72	8.8	216	06
09/04/24 22:35	1.294	0.905	2.200	0.662	15.4	72	8.1	207	10
09/04/24 22:40	0.688	0.502	1.191	0.622	14.7	74	6.3	233	04
09/04/24 22:45	0.415	0.672	1.088	0.711	14.5	76	4.6	248	09
09/04/24 22:50	0.340	1.067	1.408	0.672	14.7	74	3.8	244	11
09/04/24 22:55	0.233	1.182	1.414	0.606	14.9	70	4.1	240	09
09/04/24 23:00	0.281	2.201	2.482	0.581	14.9	69	4.7	247	09
09/04/24 23:05	0.461	7.411	7.872	0.699	15.0	68	4.8	252	08
09/04/24 23:10	1.054	14.048	15.101	0.724	15.0	67	4.7	254	08
09/04/24 23:15	1.394	11.784	13.177	0.829	14.9	67	4.8	248	08
09/04/24 23:20	1.499	11.546	13.045	0.882	14.8	68	4.5	253	10
09/04/24 23:25	1.799	11.934	13.733	0.862	14.8	69	5.3	258	09
09/04/24 23:30	2.119	12.472	14.591	0.830	14.8	69	5.9	249	10
09/04/24 23:35	2.100	11.739	13.839	0.866	14.6	71	7.1	245	10
09/04/24 23:40	1.884	8.847	10.731	0.844	14.6	73	6.7	245	08
09/04/24 23:45	1.580	5.962	7.542	0.784	14.6	74	6.3	243	05
09/04/24 23:50	1.245	4.380	5.625	0.707	14.6	75	7.3	238	05
09/04/24 23:55	0.957	1.740	2.697	0.739	14.7	75	6.1	238	06
10/04/24 00:00	0.761	1.083	1.843	0.736	14.8	73	5.8	238	07
10/04/24 00:05	0.585	1.008	1.594	0.785	14.9	73	5.4	241	07
10/04/24 00:10	0.464	1.575	2.039	0.835	15.0	69	6.2	244	07
10/04/24 00:15	0.543	3.547	4.090	0.923	15.0	70	7.0	240	08
10/04/24 00:20	0.607	5.339	5.946	0.900	14.9	72	5.3	247	09
10/04/24 00:25	0.684	7.796	8.480	0.919	14.9	72	5.3	251	08
10/04/24 00:30	0.738	8.126	8.865	1.036	14.6	70	5.8	252	06
10/04/24 00:35	0.820	8.240	9.060	1.026	14.6	71	5.8	253	08
10/04/24 00:40	1.420	9.267	10.687	0.993	14.5	72	5.2	251	08

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/04/24 00:45	1.748	9.880	11.628	1.012	14.4	72	5.4	256	07
10/04/24 00:50	1.759	9.169	10.928		14.4	73	5.2	253	07
10/04/24 00:55	1.754	9.181	10.935		14.5	73	5.0	251	09
10/04/24 01:00	1.718	9.226	10.944	1.002	14.5	73	5.2	249	09
10/04/24 01:05					14.6	73	4.4	251	07
10/04/24 01:10					14.5	73	4.6	248	09
10/04/24 01:15					14.5	72	5.2	249	06
10/04/24 01:20					14.4	73	5.1	246	08
10/04/24 01:25					14.4	73	4.7	250	09
10/04/24 01:30					14.4	73	4.9	256	08
10/04/24 01:35					14.4	73	5.1	250	09
10/04/24 01:40					14.3	72	5.2	246	07
10/04/24 01:45					14.3	72	5.0	243	09
10/04/24 01:50					14.4	73	4.7	247	09
10/04/24 01:55					14.4	72	4.8	255	07
10/04/24 02:00					14.3	72	5.0	254	09
10/04/24 02:05	2.048	9.723	11.770	1.558	14.5	73	5.8	245	07
10/04/24 02:10	1.842	8.656	10.498	1.643	14.5	74	6.0	246	09
10/04/24 02:15	1.539	6.587	8.126	1.703	14.4	75	6.4	244	09
10/04/24 02:20	1.310	3.889	5.198	1.706	14.5	78	7.7	235	05
10/04/24 02:25	1.076	2.477	3.553	1.696	14.7	78	7.4	235	04
10/04/24 02:30	0.953	2.028	2.981	1.783	14.9	76	7.1	234	05
10/04/24 02:35	0.776	0.820	1.596	1.804	14.9	73	7.2	240	07
10/04/24 02:40	0.605	1.591	2.196	1.916	14.8	74	6.9	243	06
10/04/24 02:45	0.378	1.885	2.264	2.002	14.7	74	6.6	242	06
10/04/24 02:50	0.345	2.063	2.408	2.005	14.7	74	6.7	239	06
10/04/24 02:55	0.472	2.142	2.613	1.946	14.7	73	6.3	243	08
10/04/24 03:00	0.618	4.295	4.913	1.842	14.6	74	5.1	252	08
10/04/24 03:05	0.730	7.116	7.847	1.851	14.6	73	5.9	247	08
10/04/24 03:10	0.797	8.126	8.923	1.897	14.5	72	6.3	249	08
10/04/24 03:15	0.916	8.033	8.949	1.908	14.6	73	6.1	249	07
10/04/24 03:20	0.989	7.851	8.840	1.932	14.5	72	5.5	249	07
10/04/24 03:25	1.145	8.429	9.574	1.859	14.4	73	5.3	253	08
10/04/24 03:30	1.194	8.608	9.803	1.919	14.4	73	6.0	247	08
10/04/24 03:35	1.540	9.115	10.655	1.975	14.4	73	5.5	255	08
10/04/24 03:40	2.050	9.510	11.561	2.037	14.3	72	5.4	257	06
10/04/24 03:45	1.689	6.227	7.917	2.005	14.2	73	4.3	264	08
10/04/24 03:50	1.363	5.472	6.835	1.946	14.4	73	4.0	269	07
10/04/24 03:55	1.107	6.101	7.208	1.866	14.2	74	4.7	264	07
10/04/24 04:00	1.285	7.290	8.575	1.838	14.1	74	5.1	254	08
10/04/24 04:05	2.245	11.693	13.938	2.017	14.2	74	5.3	253	08
10/04/24 04:10	3.137	15.756	18.892	2.063	14.1	75	4.9	250	08
10/04/24 04:15	3.492	14.853	18.345	2.058	14.2	74	4.7	251	08
10/04/24 04:20	4.351	16.574	20.925	2.143	14.1	75	4.6	249	11
10/04/24 04:25	4.099	10.470	14.569	2.308	14.1	75	4.8	249	07
10/04/24 04:30	3.614	9.895	13.509	2.345	14.1	75	5.3	249	09
10/04/24 04:35	3.481	10.376	13.856	2.326	14.0	76	4.9	251	09
10/04/24 04:40	2.983	9.485	12.468	2.291	14.0	75	4.5	256	09
10/04/24 04:45	2.617	10.177	12.795	2.305	14.0	77	5.2	246	09
10/04/24 04:50	2.377	9.252	11.628	2.334	14.1	76	5.8	247	07
10/04/24 04:55	2.055	8.579	10.634	2.297	14.0	76	4.8	250	08
10/04/24 05:00	2.559	13.300	15.859	2.282	13.9	77	5.0	254	09
10/04/24 05:05	2.517	9.974	12.491	2.262	13.8	78	4.8	260	07
10/04/24 05:10	2.674	11.015	13.689	2.181	13.7	78	4.7	258	07
10/04/24 05:15	3.061	11.993	15.054	2.279	13.8	78	4.8	260	07
10/04/24 05:20	3.447	12.545	15.991	2.300	13.7	78	4.4	250	06
10/04/24 05:25	3.063	10.402	13.465	2.382	13.8	78	4.2	250	07
10/04/24 05:30	2.898	11.545	14.443	2.366	13.7	78	4.0	251	10
10/04/24 05:35	3.089	12.546	15.635	2.415	13.7	79	3.9	255	09
10/04/24 05:40	2.995	11.912	14.908	2.430	13.7	78	4.0	250	09
10/04/24 05:45	2.790	11.631	14.421	2.416	13.7	78	3.7	250	07
10/04/24 05:50	2.643	11.920	14.563	2.363	13.7	79	3.7	243	12
10/04/24 05:55	2.381	11.497	13.878	2.373	13.8	79	4.1	242	08
10/04/24 06:00	1.975	10.316	12.291	2.432	13.8	78	4.6	244	07
10/04/24 06:05	1.588	6.200	7.789	2.466	13.9	77	4.7	243	06
10/04/24 06:10	1.546	8.350	9.896	2.406	13.9	79	4.8	242	08
10/04/24 06:15	2.991	14.362	17.353	2.460	13.9	78	4.9	242	07
10/04/24 06:20	1.644	5.262	6.905	2.502	13.9	79	4.5	249	10
10/04/24 06:25	1.495	8.754	10.249	2.420	14.0	77	4.8	244	07
10/04/24 06:30	1.711	12.320	14.031	2.352	14.1	78	4.2	252	09
10/04/24 06:35	1.840	11.969	13.809	2.388	14.2	77	4.0	249	09
10/04/24 06:40	1.893	11.426	13.319	2.443	14.0	77	4.5	249	07
10/04/24 06:45	1.762	11.022	12.784	2.444	14.0	78	4.2	247	09
10/04/24 06:50	1.586	10.367	11.953	2.359	14.1	78	3.7	247	11
10/04/24 06:55	1.515	9.626	11.142	2.349	14.1	77	3.8	248	11
10/04/24 07:00	1.411	9.315	10.725	2.447	14.1	77	3.9	247	10
10/04/24 07:05	2.675	11.039	13.713	2.453	14.1	76	4.4	240	08
10/04/24 07:10	3.726	13.640	17.366	2.383	14.2	77	3.8	253	11
10/04/24 07:15	2.947	11.831	14.779	2.422	14.1	77	4.1	255	13
10/04/24 07:20	4.409	15.987	20.396	2.415	14.2	77	4.2	262	09
10/04/24 07:25	13.433	15.768	29.201	2.467	14.2	77	5.1	261	09
10/04/24 07:30	6.255	12.568	18.823	2.585	14.2	77	5.4	259	08
10/04/24 07:35	6.398	13.742	20.140	2.543	14.1	77	5.2	260	06
10/04/24 07:40	7.292	14.633	21.925	2.568	14.1	77	5.0	260	06
10/04/24 07:45	6.948	14.814	21.762	2.638	14.1	77	5.4	260	09
10/04/24 07:50	7.484	15.216	22.700	2.688	14.1	76	5.1	254	06
10/04/24 07:55	6.716	14.361	21.076	2.667	14.1	77	4.6	253	08
10/04/24 08:00	6.049	14.360	20.409	2.792	14.1	77	5.2	251	13
10/04/24 08:05	5.975	13.560	19.535	2.879	14.1	77	4.7	251	09
10/04/24 08:10	5.021	12.484	17.505	2.839	14.2	78	3.9	251	08
10/04/24 08:15	5.063	13.389	18.452	2.782	14.2	77	3.6	253	10
10/04/24 08:20	5.714	15.581	21.295	2.849	14.2	77	4.6	252	08
10/04/24 08:25	5.695	14.277	19.973	2.848	14.1	78	4.4	255	08
10/04/24 08:30	5.863	14.557	20.420	2.926	14.1	79	4.2	256	10
10/04/24 08:35	6.070	14.078	20.148	2.931	14.1	78	3.4	253	08
10/04/24 08:40	5.881	13.158	19.039	2.961	14.1	79	3.6	259	10
10/04/24 08:45	27.329	16.892	44.221	2.865	14.2	78	4.0	251	12
10/04/24 08:50	7.996	13.979	21.975	2.841	14.3	79	4.6	251	07
10/04/24 08:55	6.798	13.369	20.168	2.872	14.1	78	4.5	250	08
10/04/24 09:00	6.724	13.196	19.919	2.816	14.3	78	3.9	256	08
10/04/24 09:05	7.598	13.985	21.582	2.835	14.3	77	4.2	259	09
10/04/24 09:10	8.763	15.036	23.799	2.724	14.3	78	4.4	262	09
10/04/24 09:15									
10/04/24 09:20									

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/04/24 09:25									
10/04/24 09:30									
10/04/24 09:35									
10/04/24 09:40									
10/04/24 09:45									
10/04/24 09:50									
10/04/24 09:55									
10/04/24 10:00									
10/04/24 10:05									
10/04/24 10:10									
10/04/24 10:15									
10/04/24 10:20									
10/04/24 10:25									
10/04/24 10:30									
10/04/24 10:35									
10/04/24 10:40									
10/04/24 10:45	0.708	1.691	2.399	1.562	16.3	77	7.0	241	08
10/04/24 10:50	0.672	1.705	2.377	1.582	16.4	79	7.6	233	07
10/04/24 10:55	0.628	1.709	2.337	1.640	16.4	80	7.3	227	06
10/04/24 11:00	0.562	1.603	2.165	1.598	16.4	81	7.3	226	08
10/04/24 11:05	0.552	1.546	2.098	1.575	16.3	81	7.4	234	05
10/04/24 11:10	0.569	1.531	2.100	1.579	16.3	81	7.2	233	04
10/04/24 11:15	0.540	1.532	2.073	1.598	16.4	81	6.4	230	06
10/04/24 11:20	0.561	1.433	1.994	1.632	16.4	81	6.6	233	07
10/04/24 11:25	0.508	1.377	1.886	1.548	16.4	80	6.4	223	07
10/04/24 11:30	0.498	1.349	1.848	1.474	16.5	81	6.6	225	06
10/04/24 11:35	0.626	1.363	1.989	1.610	16.5	79	6.9	228	07
10/04/24 11:40	0.768	1.405	2.174	1.698	16.7	79	6.3	230	05
10/04/24 11:45	0.916	1.394	2.310	1.738	16.8	78	7.1	227	07
10/04/24 11:50	0.803	1.380	2.183	1.755	16.7	78	6.8	228	04
10/04/24 11:55	0.708	1.369	2.077	1.726	16.8	79	6.8	232	04
10/04/24 12:00	0.531	1.353	1.884	1.723	16.7	78	7.0	228	07
10/04/24 12:05	0.467	1.349	1.815	1.787	16.7	78	6.7	221	06
10/04/24 12:10	0.455	1.333	1.788	1.710	16.7	79	6.9	226	06
10/04/24 12:15	0.375	1.308	1.683	1.754	16.9	79	7.3	227	07
10/04/24 12:20	0.385	1.359	1.744	1.871	16.8	77	7.4	232	04
10/04/24 12:25	0.371	1.446	1.817	1.890	16.8	77	6.9	227	05
10/04/24 12:30	0.391	1.427	1.818	1.862	16.9	75	7.1	228	05
10/04/24 12:35	0.420	1.358	1.778	1.847	16.8	75	6.6	230	06
10/04/24 12:40	0.431	1.282	1.713	1.846	16.9	76	6.6	232	04
10/04/24 12:45	0.444	1.235	1.679	1.840	17.0	75	6.6	220	06
10/04/24 12:50	0.464	1.270	1.734	1.824	17.1	72	6.6	219	04
10/04/24 12:55	0.428	1.321	1.749	1.825	17.2	73	6.4	226	06
10/04/24 13:00	0.398	1.346	1.744	1.836	17.3	74	5.9	216	08
10/04/24 13:05	0.321	1.448	1.769	1.884	17.3	77	5.6	221	05
10/04/24 13:10	0.742	1.613	2.355	1.793	17.3	75	6.4	222	06
10/04/24 13:15	0.730	1.711	2.442	1.837	17.4	74	6.4	222	07
10/04/24 13:20	0.651	1.682	2.333	1.775	17.4	74	6.2	219	06
10/04/24 13:25	0.599	1.597	2.196	1.685	17.4	74	6.6	221	05
10/04/24 13:30	0.541	1.525	2.067	1.652	17.4	74	7.4	226	03
10/04/24 13:35	0.490	1.511	2.001	1.594	17.3	72	7.0	227	04
10/04/24 13:40	0.325	1.483	1.808	1.523	17.3	73	6.8	216	05
10/04/24 13:45	0.369	1.447	1.816	1.565	17.4	74	6.9	220	05
10/04/24 13:50	0.480	1.339	1.818	1.556	17.3	75	6.5	216	07
10/04/24 13:55	0.261	1.307	1.568	1.647	17.3	75	5.9	214	04
10/04/24 14:00	0.214	1.198	1.412	1.678	17.3	73	5.8	224	06
10/04/24 14:05	0.264	1.100	1.365	1.660	17.3	73	6.4	226	04
10/04/24 14:10	0.172	1.170	1.341	1.639	17.4	73	6.1	223	08
10/04/24 14:15	0.095	1.219	1.314	1.646	17.4	72	5.7	217	05
10/04/24 14:20	0.238	1.214	1.453	1.703	17.4	71	5.3	227	05
10/04/24 14:25	0.526	1.428	1.954	1.636	17.5	72	5.4	227	06
10/04/24 14:30	0.553	1.432	1.985	1.574	17.6	71	5.4	225	05
10/04/24 14:35	0.505	1.383	1.888	1.502	17.5	70	4.6	223	06
10/04/24 14:40	0.365	1.216	1.581	1.515	17.6	69	5.2	211	08
10/04/24 14:45	0.329	1.115	1.443	1.574	17.6	69	5.2	208	04
10/04/24 14:50	0.365	1.054	1.418	1.579	17.7	67	4.0	198	08
10/04/24 14:55	11.413	1.235	12.648	1.534	17.7	70	4.8	203	06
10/04/24 15:00	1.729	1.396	3.124	1.512	17.7	72	5.3	211	04
10/04/24 15:05	0.688	0.573	1.260	1.476	17.7	72	6.2	211	05
10/04/24 15:10	0.819	1.405	2.224	1.451	17.6	73	4.5	196	07
10/04/24 15:15	1.327	2.590	3.917	1.496	17.7	72	4.3	197	06
10/04/24 15:20	0.997	1.311	2.309	1.403	17.7	73	5.4	200	05
10/04/24 15:25	0.751	1.024	1.775	1.431	17.7	72	3.7	192	12
10/04/24 15:30	3.341	8.829	12.169	1.474	17.8	71	3.3	190	12
10/04/24 15:35	1.901	1.939	3.840	1.442	17.8	71	3.5	203	07
10/04/24 15:40	1.140	0.905	2.045	1.360	17.8	70	5.1	206	04
10/04/24 15:45	0.737	1.073	1.810	1.332	17.7	71	4.9	213	07
10/04/24 15:50	0.337	1.127	1.464	1.287	17.8	71	4.4	203	06
10/04/24 15:55	0.340	1.202	1.542	1.355	17.7	73	6.0	201	06
10/04/24 16:00	0.407	1.218	1.625	1.434	17.7	73	5.5	201	05
10/04/24 16:05	0.391	1.276	1.668	1.423	17.6	73	5.1	201	04
10/04/24 16:10	0.374	1.154	1.528	1.516	17.7	71	4.8	200	04
10/04/24 16:15	0.482	1.235	1.717	1.454	17.7	71	4.6	201	09
10/04/24 16:20	0.488	1.304	1.792	1.464	17.7	71	4.4	198	05
10/04/24 16:25	0.501	1.397	1.898	1.495	17.7	72	4.0	196	10
10/04/24 16:30	1.483	2.345	3.828	1.538	17.7	72	4.3	197	09
10/04/24 16:35	0.904	1.459	2.364	1.618	17.7	72	4.6	200	06
10/04/24 16:40	0.614	1.455	2.069	1.688	17.7	71	4.8	200	04
10/04/24 16:45	0.819	2.145	2.963	1.631	17.7	72	4.6	200	05
10/04/24 16:50	3.670	6.924	10.594	1.612	17.7	71	3.8	195	09
10/04/24 16:55	1.014	1.668	2.682	1.627	17.6	72	4.1	197	07
10/04/24 17:00	0.535	1.242	1.777	1.621	17.6	72	5.0	202	06
10/04/24 17:05	0.320	0.881	1.201	1.530	17.6	73	5.4	204	04
10/04/24 17:10	0.013	0.982	0.995	1.465	17.6	72	5.5	201	05
10/04/24 17:15	-0.037	1.009	0.972	1.399	17.6	73	6.0	216	12
10/04/24 17:20	-0.087	1.012	0.925	1.419	17.5	73	5.4	219	06
10/04/24 17:25	-0.136	0.963	0.827	1.503	17.5	73	4.3	217	06
10/04/24 17:30	-0.194	1.005	0.811	1.572	17.6	71	4.4	214	05
10/04/24 17:35	-0.173	0.997	0.824	1.473	17.7	72	4.0	215	06
10/04/24 17:40	-0.238	1.040	0.801	1.484	17.6	72	4.2	210	06
10/04/24 17:45	1.735	2.582	4.317	1.569	17.6	72	4.6	214	04
10/04/24 17:50	18.038	2.237	20.275	1.608	17.6	72	4.5	208	05
10/04/24 17:55	14.088	10.984	25.072	1.692	17.7	72	4.4	211	05
10/04/24 18:00	4.478	3.697	8.174	1.677	17.7	72	4.8	201	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/04/24 18:05	3.428	3.839	7.267	1.641	17.5	75	5.0	204	08
10/04/24 18:10	0.136	2.014	2.151	1.629	17.5	76	5.2	195	08
10/04/24 18:15	0.263	2.883	3.147	1.592	17.3	75	4.9	195	08
10/04/24 18:20	0.684	3.319	4.003	1.391	17.3	74	4.9	197	06
10/04/24 18:25	0.831	3.341	4.173	1.457	17.3	72	4.7	196	07
10/04/24 18:30	1.482	3.857	5.339	1.407	17.3	73	5.3	197	06
10/04/24 18:35	2.067	4.684	6.751	1.487	17.3	73	4.8	197	07
10/04/24 18:40	2.017	4.532	6.549	1.594	17.5	72	5.4	198	07
10/04/24 18:45	1.993	4.368	6.361	1.487	17.4	72	4.9	197	06
10/04/24 18:50	2.080	4.988	7.068	1.389	17.3	74	5.0	195	07
10/04/24 18:55	2.046	4.055	6.101	1.355	17.2	75	4.5	196	09
10/04/24 19:00	2.949	7.562	10.511	1.356	17.2	77	5.9	198	06
10/04/24 19:05	2.874	4.320	7.194	1.537	17.2	78	5.6	199	07
10/04/24 19:10	2.701	3.989	6.690	1.635	17.2	78	6.1	199	05
10/04/24 19:15	2.510	3.498	6.008	1.621	17.2	78	6.1	201	07
10/04/24 19:20	2.022	1.589	3.611	1.612	17.1	80	7.0	204	06
10/04/24 19:25	9.086	12.230	21.316	1.454	17.2	80	6.5	202	05
10/04/24 19:30	13.899	9.309	23.208	1.545	17.2	79	5.8	200	07
10/04/24 19:35	2.385	2.622	5.007	1.565	17.2	79	6.6	206	07
10/04/24 19:40	17.363	13.328	30.692	1.491	17.2	78	7.2	205	07
10/04/24 19:45	8.919	6.703	15.621	1.472	17.2	77	6.2	201	06
10/04/24 19:50	0.571	0.620	1.191	1.506	17.4	76	6.3	199	06
10/04/24 19:55	0.224	0.495	0.719	1.645	17.3	75	5.9	199	06
10/04/24 20:00	0.133	0.756	0.889	1.620	17.3	77	6.5	201	05
10/04/24 20:05	0.139	1.117	1.256	1.502	17.4	77	7.5	209	04
10/04/24 20:10	0.163	0.916	1.079	1.426	17.3	77	7.3	211	04
10/04/24 20:15	0.051	0.811	0.862	1.435	17.3	77	6.9	207	07
10/04/24 20:20	-0.031	0.680	0.649	1.405	17.4	77	6.7	215	04
10/04/24 20:25	0.023	0.660	0.683	1.489	17.4	78	6.7	212	04
10/04/24 20:30	-0.001	0.680	0.679	1.518	17.3	77	6.6	212	07
10/04/24 20:35	-0.079	0.683	0.604	1.557	17.3	78	7.2	218	03
10/04/24 20:40	-0.148	0.739	0.592	1.499	17.2	79	7.0	214	05
10/04/24 20:45	-0.069	0.747	0.678	1.389	17.2	78	7.0	209	06
10/04/24 20:50	0.025	0.746	0.772	1.302	17.2	80	6.9	207	07
10/04/24 20:55	0.031	0.683	0.714	1.294	17.1	79	7.1	210	05
10/04/24 21:00	-0.052	0.684	0.631	1.357	17.2	79	7.4	214	04
10/04/24 21:05	0.051	0.682	0.733	1.352	17.1	79	7.4	213	05
10/04/24 21:10	0.147	0.664	0.811	1.395	17.0	79	7.4	211	04
10/04/24 21:15	0.039	0.708	0.747	1.471	17.0	81	7.3	209	07
10/04/24 21:20	0.019	0.678	0.697	1.519	16.7	86	8.4	197	06
10/04/24 21:25	0.057	0.657	0.714	1.663	16.1	88	8.0	195	07
10/04/24 21:30	0.211	0.694	0.905	1.597	15.8	88	7.6	195	06
10/04/24 21:35	0.281	0.688	0.969	1.538	15.7	89	7.3	197	06
10/04/24 21:40	0.231	0.622	0.853	1.577	15.7	90	7.0	196	07
10/04/24 21:45	0.164	0.589	0.753	1.639	15.5	89	6.3	196	07
10/04/24 21:50	0.138	0.576	0.714	1.629	15.6	86	5.9	198	07
10/04/24 21:55	0.018	0.535	0.554	1.668	15.9	84	7.0	206	06
10/04/24 22:00	0.055	0.479	0.534	1.586	16.1	83	5.5	207	05
10/04/24 22:05	0.102	0.444	0.547	1.539	16.1	83	4.9	215	05
10/04/24 22:10	0.119	0.449	0.569	1.479	16.3	83	5.3	212	06
10/04/24 22:15	0.151	0.490	0.641	1.378	16.4	82	5.2	214	04
10/04/24 22:20	0.065	0.499	0.564	1.372	16.5	83	5.8	221	04
10/04/24 22:25	-0.005	0.488	0.484	1.511	16.5	82	6.4	220	06
10/04/24 22:30	0.117	1.129	1.246	1.460	16.6	79	6.4	222	04
10/04/24 22:35	1.072	7.617	8.689	1.374	16.5	78	6.1	221	04
10/04/24 22:40				1.328	16.5	80	5.1	217	04
10/04/24 22:45	0.335	0.033	0.368	1.400	16.6	80	3.9	233	13
10/04/24 22:50	3.303	11.132	14.434	1.411	16.3	83	3.7	258	08
10/04/24 22:55	12.473	15.259	27.731	1.505	15.9	84	3.9	255	07
10/04/24 23:00	10.895	12.767	23.661	1.521	15.7	85	3.8	260	08
10/04/24 23:05	9.147	11.925	21.072	1.626	15.7	86	3.9	260	09
10/04/24 23:10	6.784	10.126	16.910	1.626	15.6	87	3.4	268	07
10/04/24 23:15	4.972	8.190	13.163	1.594	15.5	87	3.0	267	08
10/04/24 23:20	3.539	7.799	11.338	1.604	15.6	86	2.7	271	13
10/04/24 23:25	1.411	5.440	6.851	1.547	15.5	86	2.6	276	13
10/04/24 23:30	0.775	6.807	7.582	1.487	15.5	86	2.3	273	10
10/04/24 23:35	0.715	8.212	8.927	1.563	15.5	86	2.0	276	13
10/04/24 23:40	0.976	10.739	11.715	1.590	15.5	85	2.8	271	11
10/04/24 23:45	1.250	13.297	14.547	1.603	15.5	86	2.3	266	10
10/04/24 23:50	1.205	11.220	12.425		15.6	84	3.3	260	05
10/04/24 23:55	1.044	8.904	9.948		15.5	85	3.6	260	06
11/04/24 00:00	1.285	10.163	11.447	1.678	15.5	85	4.4	256	08
11/04/24 00:05	2.264	13.801	16.065	1.722	15.6	84	4.6	248	08
11/04/24 00:10	2.682	12.874	15.556	1.698	15.5	84	4.9	247	07
11/04/24 00:15	2.847	11.367	14.215	1.769	15.6	83	5.5	245	05
11/04/24 00:20	2.432	5.918	8.349	1.636	15.5	82	5.4	245	06
11/04/24 00:25	2.350	7.104	9.454	1.622	15.6	83	5.7	248	09
11/04/24 00:30	1.957	4.488	6.445	1.679	15.7	83	7.3	242	06
11/04/24 00:35	1.622	2.264	3.887	1.754	15.7	84	6.9	235	04
11/04/24 00:40	1.686	5.562	7.247	1.759	15.6	86	7.5	231	05
11/04/24 00:45	2.018	3.208	5.226	1.688	15.5	85	5.9	232	08
11/04/24 00:50	2.651	8.445	11.096	1.643	15.3	85	5.5	231	07
11/04/24 00:55	2.236	3.498	5.734	1.655	15.5	86	6.2	238	06
11/04/24 01:00	1.152	3.565	4.717	1.700	15.3	89	6.3	231	05
11/04/24 01:05					15.3	90	6.6	228	05
11/04/24 01:10					14.9	91	5.4	243	08
11/04/24 01:15					14.7	93	4.9	242	07
11/04/24 01:20					14.7	93	4.3	242	09
11/04/24 01:25					14.6	93	3.4	249	10
11/04/24 01:30					14.6	92	3.5	247	07
11/04/24 01:35					14.6	92	2.7	251	09
11/04/24 01:40					14.7	92	2.8	245	09
11/04/24 01:45					14.8	91	3.5	242	07
11/04/24 01:50					15.0	90	3.8	246	07
11/04/24 01:55					15.0	90	3.7	247	08
11/04/24 02:00					15.0	89	3.8	250	09
11/04/24 02:05	8.315	11.405	19.720	1.732	15.0	89	3.6	246	09
11/04/24 02:10	4.222	9.002	13.224	1.744	15.0	89	4.7	243	09
11/04/24 02:15	3.564	8.545	12.109	1.707	14.9	90	5.0	248	08
11/04/24 02:20	3.044	7.366	10.410	1.748	14.8	91	5.1	246	07
11/04/24 02:25	2.245	5.040	7.285	1.815	14.7	92	6.1	245	07
11/04/24 02:30	1.872	4.941	6.813	1.811	14.8	91	5.4	246	08
11/04/24 02:35	1.868	6.295	8.163	1.835	14.8	91	4.9	243	09
11/04/24 02:40	1.996	7.065	9.061	1.831	14.9	91	4.5	246	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/04/24 02:45	2.190	7.792	9.982	1.924	15.0	91	4.6	244	07
11/04/24 02:50	2.340	8.603	10.943	1.898	15.1	90	5.1	248	07
11/04/24 02:55	2.432	9.079	11.511	1.820	15.0	89	5.1	249	06
11/04/24 03:00	4.570	12.596	17.166	1.761	14.9	89	4.7	248	06
11/04/24 03:05	7.029	11.866	18.895	1.873	14.9	89	4.7	249	10
11/04/24 03:10	3.731	8.012	11.743	1.992	14.9	89	5.3	249	06
11/04/24 03:15	3.087	7.928	11.015	2.085	14.9	89	5.3	250	06
11/04/24 03:20	2.831	7.967	10.798	1.994	14.8	89	5.1	253	08
11/04/24 03:25	2.658	7.771	10.428	1.868	14.8	89	5.1	255	07
11/04/24 03:30	3.035	8.170	11.205	1.955	14.8	90	5.4	253	06
11/04/24 03:35	3.067	8.157	11.224	1.938	14.8	90	5.3	249	07
11/04/24 03:40	3.004	8.132	11.136	1.931	14.7	91	4.9	246	08
11/04/24 03:45	2.719	7.717	10.436	1.912	14.7	92	5.0	241	08
11/04/24 03:50	2.193	6.616	8.809	2.033	14.6	91	5.3	244	07
11/04/24 03:55	1.943	5.790	7.733	2.001	14.6	92	5.5	245	09
11/04/24 04:00	1.908	5.950	7.858	2.038	14.8	92	5.4	248	08
11/04/24 04:05	1.769	5.187	6.957	1.975	14.7	92	5.5	239	06
11/04/24 04:10	2.724	9.548	12.272	2.022	14.7	92	5.0	248	09
11/04/24 04:15	5.130	11.372	16.502	2.004	14.6	93	5.3	248	10
11/04/24 04:20	3.804	9.151	12.955	1.857	14.5	93	4.9	246	08
11/04/24 04:25	3.328	7.915	11.243	1.967	14.5	93	4.8	246	07
11/04/24 04:30	2.948	7.721	10.669	2.052	14.4	93	4.9	242	07
11/04/24 04:35	2.630	7.043	9.673	2.105	14.4	93	4.6	241	08
11/04/24 04:40	2.715	7.513	10.228	2.018	14.4	94	4.9	244	07
11/04/24 04:45	2.803	9.029	11.832	2.000	14.3	95	4.8	247	06
11/04/24 04:50	2.639	8.224	10.864	1.993	14.2	95	4.7	248	09
11/04/24 04:55	2.840	8.816	11.656	1.956	14.1	95	4.6	249	07
11/04/24 05:00	3.030	9.184	12.214	2.022	14.1	95	4.8	246	07
11/04/24 05:05	3.106	9.446	12.552	2.037	14.2	95	4.3	255	08
11/04/24 05:10	3.676	9.741	13.417	2.025	14.2	94	4.2	245	07
11/04/24 05:15	3.810	9.890	13.700	2.031	14.2	94	4.3	251	08
11/04/24 05:20	4.002	10.051	14.052	2.084	14.2	94	4.2	247	08
11/04/24 05:25	4.312	10.708	15.021	2.023	14.2	94	4.4	249	06
11/04/24 05:30	4.555	10.546	15.101	1.978	14.1	93	4.5	249	07
11/04/24 05:35	5.058	11.181	16.239	1.896	14.1	93	4.7	250	08
11/04/24 05:40	5.647	11.607	17.255	1.796	14.2	93	5.3	258	07
11/04/24 05:45	20.796	16.019	36.814	1.881	14.1	93	4.5	251	07
11/04/24 05:50	17.656	11.119	28.776	1.869	14.3	92	5.4	250	07
11/04/24 05:55	5.637	10.512	16.149	1.876	14.2	91	4.7	252	08
11/04/24 06:00	5.754	10.363	16.117	1.916	14.4	91	4.3	254	09
11/04/24 06:05	6.766	11.608	18.374	1.993	14.3	91	4.0	252	06
11/04/24 06:10	6.915	11.813	18.729	2.230	14.4	90	3.9	248	07
11/04/24 06:15	5.938	10.765	16.703	2.357	14.4	89	3.8	244	10
11/04/24 06:20	4.492	5.225	9.717	2.288	14.5	88	4.4	243	07
11/04/24 06:25	3.342	6.132	9.474	2.281	14.5	88	3.5	244	09
11/04/24 06:30	3.170	7.658	10.828	2.348	14.4	88	3.7	240	08
11/04/24 06:35	3.098	8.317	11.416	2.411	14.4	87	4.4	247	07
11/04/24 06:40	4.024	9.621	13.645	2.378	14.6	88	4.2	245	11
11/04/24 06:45	17.817	17.434	35.252	2.372	14.6	88	4.0	243	08
11/04/24 06:50	1.625	7.499	9.124	2.345	14.6	86	4.1	244	08
11/04/24 06:55	2.888	9.733	12.621	2.311	14.5	86	3.7	250	09
11/04/24 07:00	4.290	12.645	16.935	2.351	14.6	86	3.0	249	11
11/04/24 07:05	5.397	12.900	18.297	2.400	14.6	85	2.7	250	09
11/04/24 07:10	5.092	11.845	16.937	2.408	14.6	85	3.0	250	07
11/04/24 07:15	3.868	10.901	14.769	2.488	14.7	84	3.6	243	07
11/04/24 07:20	3.490	11.163	14.653	2.526	14.6	85	3.3	244	11
11/04/24 07:25	3.266	8.611	11.876	2.479	14.9	85	4.9	231	05
11/04/24 07:30	2.542	5.033	7.575	2.365	15.2	82	5.4	234	04
11/04/24 07:35	2.163	4.713	6.876	2.424	15.2	83	4.7	241	10
11/04/24 07:40	1.904	5.123	7.027	2.470	15.1	85	5.2	241	08
11/04/24 07:45	1.733	5.144	6.877	2.418	15.1	85	5.6	248	06
11/04/24 07:50	1.995	5.657	7.652	2.363	15.1	86	4.7	246	11
11/04/24 07:55	2.027	5.267	7.294	2.342	15.6	84	6.0	228	07
11/04/24 08:00	1.628	0.941	2.569	2.307	15.9	83	6.5	219	05
11/04/24 08:05				2.258	15.8	83	5.7	222	05
11/04/24 08:10	1.057	0.066	1.124	2.191	16.0	83	5.7	226	06
11/04/24 08:15	0.933	0.406	1.338	2.195	15.8	83	5.2	224	06
11/04/24 08:20	0.690	0.767	1.457	2.154	15.9	84	4.5	231	04
11/04/24 08:25	0.606	1.054	1.660	2.139	15.8	84	4.3	234	07
11/04/24 08:30	0.546	1.325	1.872	2.272	15.6	84	3.9	239	08
11/04/24 08:35	0.638	1.431	2.069	2.260	15.7	85	5.1	237	04
11/04/24 08:40	0.855	1.728	2.583	2.139	15.6	87	5.8	236	07
11/04/24 08:45	1.515	3.123	4.638	2.101	15.4	86	4.9	242	09
11/04/24 08:50	1.925	4.771	6.696	2.144	15.4	84	5.4	239	07
11/04/24 08:55	2.159	5.443	7.601	2.141	15.4	84	5.1	243	07
11/04/24 09:00	2.189	5.346	7.535	2.076	15.3	86	4.8	240	07
11/04/24 09:05	2.071	4.833	6.904	1.977	15.5	85	4.8	235	07
11/04/24 09:10	1.931	4.598	6.529	1.812	15.5	84	4.4	242	07
11/04/24 09:15	1.959	4.615	6.574	1.823	15.4	85	4.8	239	06
11/04/24 09:20	2.014	4.618	6.632	1.851	15.6	85	5.0	232	07
11/04/24 09:25	1.924	4.608	6.532	1.919	15.7	87	6.2	221	08
11/04/24 09:30	1.644	4.422	6.066	1.873	15.3	87	5.9	222	05
11/04/24 09:35	1.457	4.057	5.514	1.882	15.0	88	5.3	235	07
11/04/24 09:40	1.366	3.721	5.087	1.978	15.0	92	4.3	229	04
11/04/24 09:45	1.210	3.560	4.769	1.979	14.7	93	3.0	233	08
11/04/24 09:50	1.042	3.424	4.466	1.972	14.7	92	2.7	230	09
11/04/24 09:55	0.979	3.302	4.281	1.920	14.9	91	3.7	226	10
11/04/24 10:00	0.845	2.827	3.672	1.968	15.4	88	5.6	223	05
11/04/24 10:05	0.729	2.364	3.093	1.910	15.7	85	5.4	214	04
11/04/24 10:10	0.501	2.063	2.563	1.840	15.9	86	4.6	207	07
11/04/24 10:15	0.409	1.802	2.211	1.811	16.0	84	3.1	193	08
11/04/24 10:20	0.498	1.643	2.141	1.803	16.1	83	2.7	189	11
11/04/24 10:25	0.552	1.429	1.981	1.821	16.3	82	3.0	193	09
11/04/24 10:30	0.580	1.297	1.877	1.817	16.5	81	3.8	197	08
11/04/24 10:35	0.425	1.146	1.572	1.830	16.7	81	4.4	213	07
11/04/24 10:40	0.337	1.070	1.407	1.870	16.5	81	4.8	220	07
11/04/24 10:45	0.355	1.206	1.561	1.946	16.3	84	4.6	230	08
11/04/24 10:50	0.417	1.442	1.859	1.975	16.3	84	5.1	227	06
11/04/24 10:55	0.587	1.696	2.283	1.974	16.2	84	5.0	229	06
11/04/24 11:00	0.741	1.854	2.595	1.870	16.3	83	5.6	229	06
11/04/24 11:05	0.797	1.956	2.753	1.884	16.2	82	4.8	231	05
11/04/24 11:10				2.011	16.3	80	5.2	233	07
11/04/24 11:15				2.020	16.4	81	5.6	230	06
11/04/24 11:20	13.754	3.625	17.378	2.015	16.3	79	6.5	226	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/04/24 11:25	0.767	1.489	2.256	2.004	16.3	78	6.5	219	07
11/04/24 11:30				2.111	16.2	79	5.3	209	05
11/04/24 11:35	0.209	2.438	2.646	2.058	16.2	79	4.2	214	07
11/04/24 11:40	8.767	5.768	14.535	2.003	16.3	80	3.6	211	09
11/04/24 11:45	7.596	10.277	17.872	1.938	16.4	78	3.7	208	06
11/04/24 11:50	14.550	11.592	26.142	1.826	16.5	79	3.5	205	09
11/04/24 11:55	1.800	1.805	3.605	1.783	16.6	76	3.4	197	09
11/04/24 12:00	1.331	1.879	3.210	1.743	16.7	75	3.6	197	06
11/04/24 12:05	0.913	1.835	2.749	1.761	16.9	73	2.4	193	10
11/04/24 12:10	1.337	2.356	3.693	1.776	17.0	73	2.0	192	13
11/04/24 12:15	1.295	2.506	3.801	1.712	17.1	73	2.4	195	05
11/04/24 12:20	1.083	2.365	3.448	1.815	16.9	75	1.5	190	24
11/04/24 12:25	1.619	3.013	4.632	1.823	17.1	75	1.7	195	16
11/04/24 12:30	1.457	2.832	4.289	1.859	17.0	75	1.7	202	13
11/04/24 12:35	1.185	2.489	3.674	1.859	17.1	74	2.3	201	10
11/04/24 12:40	1.294	2.425	3.720	1.813	17.0	76	3.1	218	06
11/04/24 12:45	1.199	2.490	3.689	1.787	16.8	77	2.2	198	14
11/04/24 12:50	1.141	2.756	3.897	1.792	16.9	76	1.0	174	23
11/04/24 12:55	1.192	3.078	4.270	1.766	17.2	75	1.0	173	21
11/04/24 13:00	1.335	3.303	4.639	1.810	17.3	73	1.7	196	16
11/04/24 13:05	1.289	3.282	4.571	1.805	17.4	71	1.6	200	19
11/04/24 13:10	1.119	3.033	4.152	1.850	17.5	67	2.6	194	14
11/04/24 13:15	0.880	2.633	3.513	1.877	17.9	64	2.6	190	13
11/04/24 13:20	0.714	2.122	2.836	1.913	17.9	61	3.0	193	09
11/04/24 13:25	0.504	1.652	2.156	2.036	18.0	60	3.0	193	10
11/04/24 13:30	0.499	1.322	1.821	2.006	18.1	61	3.1	194	11
11/04/24 13:35	0.522	1.189	1.711	2.061	18.1	61	3.5	195	09
11/04/24 13:40	0.425	1.068	1.493	2.049	18.0	58	4.2	195	06
11/04/24 13:45	0.280	1.081	1.361	2.035	18.1	60	2.8	190	11
11/04/24 13:50	0.264	1.175	1.439	1.999	18.3	60	2.6	194	12
11/04/24 13:55	0.302	1.201	1.503	1.988	18.3	59	4.3	196	06
11/04/24 14:00	0.779	1.947	2.726	2.019	18.0	62	3.5	198	07
11/04/24 14:05	0.874	2.100	2.974	1.948	18.1	60	2.6	190	12
11/04/24 14:10	0.852	1.869	2.721	1.944	18.1	59	2.7	193	10
11/04/24 14:15	0.704	1.045	1.750	1.958	18.1	59	3.7	198	07
11/04/24 14:20	0.541	0.853	1.393	1.892	17.9	60	3.0	194	10
11/04/24 14:25	0.492	0.738	1.230	1.879	18.0	58	3.6	196	07
11/04/24 14:30	0.388	0.748	1.137	1.833	17.8	61	4.1	200	06
11/04/24 14:35	0.364	0.663	1.026	1.813	17.9	59	3.1	195	09
11/04/24 14:40	0.271	0.627	0.898	1.778	17.9	59	3.5	195	06
11/04/24 14:45	0.199	0.665	0.863	1.849	17.9	60	3.8	199	04
11/04/24 14:50	0.092	0.694	0.786	1.822	17.7	62	4.2	204	05
11/04/24 14:55	0.035	0.650	0.685	1.687	17.6	61	4.0	201	05
11/04/24 15:00	0.043	0.588	0.631	1.710	17.6	61	3.7	200	07
11/04/24 15:05	0.018	0.648	0.666	1.744	17.6	68	4.4	199	05
11/04/24 15:10	0.082	0.732	0.814	1.705	17.6	66	3.4	195	07
11/04/24 15:15	0.234	0.828	1.062	1.621	17.6	68	3.4	200	06
11/04/24 15:20	0.198	0.872	1.070	1.634	17.5	66	3.9	198	05
11/04/24 15:25	0.230	0.871	1.102	1.772	17.4	68	4.5	208	04
11/04/24 15:30	0.256	0.867	1.123	1.743	17.3	69	4.3	202	05
11/04/24 15:35	0.270	0.791	1.061	1.665	17.3	70	4.4	203	05
11/04/24 15:40	0.311	0.696	1.008	1.633	17.3	70	4.3	205	05
11/04/24 15:45	0.267	0.613	0.880	1.678	17.3	68	4.3	204	03
11/04/24 15:50	0.197	0.625	0.822	1.753	17.4	69	4.0	203	06
11/04/24 15:55	0.112	0.621	0.733	1.705	17.4	67	4.0	203	05
11/04/24 16:00	0.043	0.653	0.696	1.749	17.5	66	3.3	202	08
11/04/24 16:05	0.155	0.881	1.036	1.696	17.4	63	3.5	200	04
11/04/24 16:10	-0.006	0.814	0.808	1.665	17.5	66	3.7	209	06
11/04/24 16:15	-0.063	0.701	0.638	1.699	17.4	68	4.2	201	06
11/04/24 16:20	-0.062	0.878	0.815	1.610	17.4	65	3.5	197	07
11/04/24 16:25	-0.168	0.876	0.708	1.789	17.4	69	4.5	200	03
11/04/24 16:30	-0.154	0.946	0.791	1.750	17.4	70	3.7	200	07
11/04/24 16:35	0.023	0.969	0.993	1.675	17.5	66	3.1	192	09
11/04/24 16:40	0.055	1.105	1.160	1.605	17.5	67	3.2	194	08
11/04/24 16:45	0.169	1.024	1.193	1.573	17.5	67	3.1	194	11
11/04/24 16:50	0.244	0.961	1.205	1.686	17.5	67	3.1	196	07
11/04/24 16:55	0.263	1.085	1.347	1.809	17.5	67	2.9	195	11
11/04/24 17:00	0.307	1.389	1.696	1.731	17.4	67	2.6	188	14
11/04/24 17:05	0.224	1.454	1.678	1.713	17.3	71	3.1	194	09
11/04/24 17:10	0.190	1.294	1.484	1.768	17.3	70	3.4	194	07
11/04/24 17:15	0.289	1.310	1.598	1.866	17.3	72	2.9	195	09
11/04/24 17:20	0.245	1.195	1.440	1.817	17.2	71	3.3	197	07
11/04/24 17:25	0.237	1.085	1.322	1.830	17.3	72	2.9	197	08
11/04/24 17:30	0.135	0.902	1.037	1.815	17.2	74	3.4	202	06
11/04/24 17:35	0.046	0.775	0.821	1.671	17.2	71	3.7	202	03
11/04/24 17:40	0.043	0.783	0.826	1.688	17.2	72	3.0	201	05
11/04/24 17:45	0.140	0.766	0.906	1.630	17.3	69	2.7	195	08
11/04/24 17:50	0.143	0.713	0.856	1.543	17.2	68	2.6	193	08
11/04/24 17:55	0.104	0.575	0.678	1.575	17.1	68	2.4	194	12
11/04/24 18:00	0.009	0.528	0.537	1.677	17.1	67	2.6	194	09
11/04/24 18:05	-0.004	0.680	0.675	1.725	17.1	66	3.1	193	09
11/04/24 18:10	0.232	1.844	2.076	1.694	17.1	67	2.6	193	08
11/04/24 18:15	0.258	2.522	2.781	1.645	17.0	71	2.8	198	09
11/04/24 18:20	0.205	1.963	2.169	1.629	17.0	72	3.0	194	10
11/04/24 18:25	0.238	2.163	2.401	1.590	17.0	72	3.6	193	10
11/04/24 18:30	0.264	1.468	1.732	1.633	16.9	72	3.2	188	09
11/04/24 18:35	0.210	1.323	1.533	1.632	16.9	72	2.6	188	14
11/04/24 18:40	0.187	1.242	1.429	1.605	16.8	71	3.3	194	07
11/04/24 18:45	0.097	1.039	1.136	1.616	16.9	72	3.2	195	07
11/04/24 18:50	0.075	1.210	1.285	1.593	17.0	73	2.9	195	10
11/04/24 18:55	-0.012	1.665	1.653	1.568	16.9	74	2.9	186	14
11/04/24 19:00	-0.006	2.094	2.087	1.542	16.8	74	2.3	186	13
11/04/24 19:05	-0.044	2.297	2.254	1.559	16.8	73	2.7	193	10
11/04/24 19:10	0.065	2.224	2.289	1.532	16.8	73	2.8	191	12
11/04/24 19:15	0.086	2.339	2.425	1.515	16.8	73	2.7	188	12
11/04/24 19:20	0.057	2.730	2.788	1.485	16.7	73	2.9	188	12
11/04/24 19:25	0.020	2.674	2.695	1.505	16.7	72	3.1	187	12
11/04/24 19:30	-0.020	2.457	2.437	1.556	16.8	72	2.5	184	13
11/04/24 19:35	0.194	2.395	2.589	1.601	16.8	73	2.7	189	12
11/04/24 19:40	0.235	2.441	2.676	1.630	16.8	73	2.2	177	19
11/04/24 19:45	0.234	2.341	2.575	1.620	16.8	74	2.1	181	16
11/04/24 19:50	0.270	2.132	2.402	1.486	16.8	73	1.7	170	25
11/04/24 19:55	0.242	1.770	2.012	1.576	16.7	72	2.0	168	21
11/04/24 20:00	0.239	1.651	1.891	1.586	16.7	74	2.7	187	15

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/04/24 20:05	0.380	1.798	2.178	1.479	16.6	75	1.8	168	23
11/04/24 20:10	0.313	1.584	1.897	1.473	16.7	75	2.0	175	21
11/04/24 20:15	0.256	1.323	1.579	1.371	16.7	75	1.3	170	32
11/04/24 20:20	0.350	1.084	1.434	1.402	16.7	75	1.7	163	25
11/04/24 20:25	0.369	0.913	1.282	1.382	16.7	74	1.8	171	29
11/04/24 20:30	0.362	0.780	1.142	1.371	16.7	74	1.9	171	25
11/04/24 20:35	0.205	0.712	0.917	1.335	16.7	72	1.7	158	29
11/04/24 20:40	0.153	0.751	0.904	1.280	16.7	73	2.3	130	26
11/04/24 20:45	0.112	1.498	1.610	1.409	16.6	75	3.0	117	08
11/04/24 20:50	0.084	2.551	2.634	1.528	16.6	76	1.8	118	15
11/04/24 20:55	0.056	3.728	3.784	1.609	16.5	76	2.8	114	08
11/04/24 21:00	0.144	5.073	5.217	1.631	16.4	77	2.4	110	10
11/04/24 21:05	0.143	7.325	7.469	1.573	16.2	75	1.9	98	13
11/04/24 21:10	0.044	9.639	9.684	1.576	16.1	75	1.8	97	12
11/04/24 21:15	0.146	10.616	10.761	1.548	16.0	75	1.8	95	08
11/04/24 21:20	0.312	10.786	11.098	1.593	15.8	76	1.8	94	12
11/04/24 21:25	0.419	10.551	10.970	1.625	15.9	77	2.4	98	08
11/04/24 21:30	0.387	10.298	10.686	1.606	15.8	77	2.6	96	07
11/04/24 21:35	0.325	10.099	10.424	1.663	15.8	77	2.0	96	11
11/04/24 21:40	0.342	10.046	10.388	1.646	15.7	77	2.0	95	10
11/04/24 21:45	0.374	10.064	10.438	1.609	15.7	78	1.9	98	09
11/04/24 21:50	0.325	9.959	10.284	1.626	15.6	78	2.1	106	08
11/04/24 21:55	0.236	9.887	10.123	1.686	15.7	78	1.8	89	11
11/04/24 22:00	0.269	9.702	9.971	1.708	15.6	77	2.4	103	10
11/04/24 22:05	0.570	9.326	9.895	1.773	15.6	77	1.7	93	11
11/04/24 22:10	0.255	9.533	9.787	1.696	15.5	77	1.9	94	13
11/04/24 22:15	0.365	9.289	9.654	1.709	15.6	77	1.6	93	11
11/04/24 22:20	0.374	9.217	9.590	1.689	15.5	77	1.9	94	13
11/04/24 22:25	0.315	9.461	9.776	1.756	15.5	78	2.1	91	13
11/04/24 22:30	0.383	9.428	9.811	1.847	15.5	78	2.3	95	11
11/04/24 22:35	0.459	9.420	9.879	1.926	15.5	77	2.0	91	11
11/04/24 22:40	0.449	9.579	10.028	1.833	15.4	78	2.0	90	14
11/04/24 22:45	0.482	9.984	10.467	1.869	15.5	78	1.7	91	13
11/04/24 22:50	0.428	10.389	10.817	1.870	15.5	78	1.8	98	13
11/04/24 22:55	0.322	10.803	11.125	1.808	15.5	77	1.7	83	13
11/04/24 23:00	0.287	11.107	11.395	1.707	15.5	78	1.8	85	11
11/04/24 23:05	0.235	11.293	11.528	1.654	15.4	78	1.6	73	16
11/04/24 23:10	0.256	11.433	11.689	1.770	15.5	78	1.6	65	17
11/04/24 23:15	0.264	11.700	11.964	1.802	15.4	78	1.2	76	15
11/04/24 23:20	0.302	12.026	12.327	1.729	15.4	78	1.0	77	25
11/04/24 23:25	0.264	12.412	12.676	1.637	15.4	78	0.9	27	14
11/04/24 23:30	0.341	12.899	13.240	1.553	15.4	79	0.9	38	14
11/04/24 23:35	0.363	13.150	13.513	1.564	15.3	79	0.9	46	15
11/04/24 23:40	0.200	13.080	13.280	1.513	15.3	79	1.0	39	13
11/04/24 23:45	0.165	12.892	13.058	1.633	15.3	79	1.0	51	12
11/04/24 23:50	0.092	12.557	12.649		15.3	79	0.9	49	17
11/04/24 23:55	0.141	12.402	12.543		15.3	79	1.1	48	09
12/04/24 00:00	0.062	12.196	12.258	1.546	15.4	79	1.1	56	13
12/04/24 00:05	0.033	11.988	12.022	1.458	15.3	78	1.0	42	13
12/04/24 00:10	0.012	11.767	11.779	1.312	15.3	78	1.0	35	14
12/04/24 00:15	0.007	11.733	11.741	1.141	15.3	78	0.8	25	18
12/04/24 00:20	0.119	11.846	11.966	1.069	15.3	79	0.9	359	12
12/04/24 00:25	0.094	12.105	12.199	1.039	15.3	79	0.5	5	26
12/04/24 00:30	0.064	12.394	12.458	1.062	15.4	79	1.0	32	10
12/04/24 00:35	0.281	12.748	13.029	1.008	15.3	79	1.3	52	11
12/04/24 00:40	0.424	12.869	13.293	0.955	15.4	78	1.7	59	10
12/04/24 00:45	0.393	13.067	13.460	0.927	15.4	78	1.6	69	12
12/04/24 00:50	0.340	12.905	13.245	0.898	15.3	78	0.9	60	24
12/04/24 00:55	0.266	12.710	12.976	0.922	15.5	78	0.5	349	30
12/04/24 01:00	0.275	12.642	12.916	0.913	15.4	79	0.7	321	14
12/04/24 01:05					15.4	80	0.5	329	32
12/04/24 01:10					15.4	80	0.4	32	12
12/04/24 01:15					15.4	79	0.2	60	35
12/04/24 01:20					15.4	79	0.6	40	24
12/04/24 01:25					15.3	80	1.1	22	08
12/04/24 01:30					15.3	80	0.5	330	32
12/04/24 01:35					15.3	80	0.4	264	23
12/04/24 01:40					15.3	80	0.3	309	43
12/04/24 01:45					15.4	80	0.6	85	24
12/04/24 01:50					15.3	81	1.1	111	10
12/04/24 01:55					15.3	82	0.5	136	28
12/04/24 02:00					15.2	83	1.0	246	39
12/04/24 02:05	0.933	12.564	13.497	0.872	15.1	82	2.6	245	07
12/04/24 02:10	0.758	8.671	9.429	0.860	15.0	82	2.8	243	08
12/04/24 02:15	0.721	5.453	6.174	0.958	14.9	82	1.1	267	25
12/04/24 02:20	0.768	6.513	7.280	1.037	14.9	83	2.0	256	17
12/04/24 02:25	1.142	7.292	8.434	0.985	14.9	82	2.4	251	15
12/04/24 02:30	1.464	8.314	9.778	0.993	14.9	83	1.6	254	18
12/04/24 02:35	1.320	7.312	8.632	0.996	14.7	82	2.9	241	08
12/04/24 02:40	0.941	4.361	5.302	1.045	14.7	82	2.2	237	14
12/04/24 02:45	0.770	4.230	5.000	0.995	14.7	83	2.6	241	11
12/04/24 02:50	0.706	4.366	5.072	1.088	14.6	82	2.6	239	19
12/04/24 02:55	0.832	6.980	7.813	1.174	14.7	82	2.9	251	15
12/04/24 03:00	0.842	7.662	8.505	1.145	14.6	83	4.1	247	10
12/04/24 03:05	0.875	7.121	7.996	1.033	14.2	84	4.1	250	08
12/04/24 03:10	0.974	7.394	8.369	0.989	14.2	84	4.0	259	08
12/04/24 03:15	1.331	7.928	9.258	0.966	14.1	84	4.7	249	07
12/04/24 03:20	1.225	6.884	8.108	0.918	14.1	86	4.3	235	08
12/04/24 03:25	1.101	4.996	6.097	0.914	14.1	87	2.9	233	23
12/04/24 03:30	0.867	3.831	4.697	0.872	14.3	91	1.4	187	16
12/04/24 03:35	0.637	3.424	4.061	0.815	14.3	91	1.0	192	32
12/04/24 03:40	0.423	3.323	3.746	0.786	14.1	89	2.5	224	08
12/04/24 03:45	0.348	3.050	3.398	0.826	13.9	89	2.3	222	15
12/04/24 03:50	0.399	2.864	3.263	0.826	13.7	89	1.5	236	10
12/04/24 03:55	0.343	3.109	3.452	0.744	13.7	90	1.2	221	23
12/04/24 04:00	0.600	4.818	5.418	0.716	13.6	89	0.5	305	25
12/04/24 04:05	0.526	6.709	7.234	0.678	13.5	89	0.4	336	46
12/04/24 04:10	0.380	6.793	7.173	0.807	13.6	90	0.5	298	39
12/04/24 04:15	0.311	6.217	6.529	0.883	13.5	87	0.8	284	23
12/04/24 04:20	0.200	6.315	6.514	0.914	13.5	87	0.9	300	21
12/04/24 04:25	0.102	6.549	6.651	0.878	13.5	86	1.3	305	11
12/04/24 04:30	0.143	6.759	6.903	0.946	13.5	87	1.1	316	19
12/04/24 04:35	0.237	7.281	7.519	1.010	13.5	87	1.0	325	18
12/04/24 04:40	0.137	7.589	7.726	1.017	13.5	87	0.8	329	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/04/24 04:45	0.057	7.787	7.845	1.027	13.5	88	0.9	316	20
12/04/24 04:50	0.110	8.107	8.217	1.002	13.5	87	1.5	300	19
12/04/24 04:55	0.164	8.010	8.173	1.069	13.8	87	1.4	286	18
12/04/24 05:00	0.172	7.745	7.917	1.073	13.9	85	2.0	279	15
12/04/24 05:05	0.192	7.531	7.723	1.051	13.9	84	2.3	276	13
12/04/24 05:10	0.147	7.360	7.507	1.051	13.9	84	3.8	262	07
12/04/24 05:15	0.993	7.730	8.723	1.072	13.9	83	3.5	263	09
12/04/24 05:20	1.697	7.384	9.081	1.020	14.0	83	3.6	267	06
12/04/24 05:25	1.421	5.442	6.862	1.024	13.8	83	3.2	265	08
12/04/24 05:30	1.177	5.936	7.113	1.056	13.9	84	2.8	271	09
12/04/24 05:35	1.054	6.576	7.631	1.152	14.0	83	3.0	275	08
12/04/24 05:40	0.863	7.023	7.886	1.047	14.0	82	2.9	270	13
12/04/24 05:45	0.846	8.090	8.937	1.086	14.0	82	2.9	269	09
12/04/24 05:50	0.993	9.170	10.163	1.208	14.1	83	3.2	262	08
12/04/24 05:55	1.280	9.749	11.029	1.236	14.0	83	3.0	257	09
12/04/24 06:00	1.564	10.144	11.708	1.219	14.0	83	3.4	253	12
12/04/24 06:05	1.862	10.462	12.324	1.139	13.8	84	3.0	257	07
12/04/24 06:10	1.778	10.295	12.073	1.087	13.9	83	2.8	265	10
12/04/24 06:15	1.755	9.675	11.430	1.074	13.8	83	2.9	262	11
12/04/24 06:20	5.478	12.336	17.814	1.022	13.8	83	3.0	264	10
12/04/24 06:25	7.401	12.877	20.278	1.063	13.8	83	2.9	270	11
12/04/24 06:30	7.254	12.166	19.420	1.080	13.8	83	3.1	269	08
12/04/24 06:35	5.463	10.078	15.541	1.105	13.9	83	3.4	262	07
12/04/24 06:40	4.543	11.996	16.539	1.097	13.8	83	2.4	267	11
12/04/24 06:45	4.636	13.541	18.177	1.057	14.0	84	1.9	289	16
12/04/24 06:50	4.840	12.898	17.738	0.994	14.0	83	2.9	265	12
12/04/24 06:55	3.628	10.041	13.670	0.977	13.9	83	2.9	272	12
12/04/24 07:00	2.092	10.143	12.235	0.923	14.0	82	3.8	258	09
12/04/24 07:05	1.779	9.327	11.106	0.868	13.8	82	3.4	264	08
12/04/24 07:10	1.960	9.622	11.582	0.863	13.9	83	2.5	275	09
12/04/24 07:15	2.148	10.208	12.356	0.849	13.9	82	3.1	270	10
12/04/24 07:20	2.765	12.099	14.864	0.899	13.8	82	2.5	266	13
12/04/24 07:25	3.255	11.530	14.785	0.829	13.9	82	2.5	267	11
12/04/24 07:30	3.064	10.973	14.037	0.619	13.8	83	2.6	269	12
12/04/24 07:35	3.114	10.820	13.934	0.600	13.9	83	2.2	270	11
12/04/24 07:40	2.763	10.594	13.357	0.590	13.9	82	2.4	255	10
12/04/24 07:45	3.013	10.966	13.979	0.662	14.0	83	1.7	263	15
12/04/24 07:50	3.202	11.250	14.451	0.662	13.9	82	2.5	247	17
12/04/24 07:55	3.407	11.519	14.926	0.643	14.0	81	1.4	279	17
12/04/24 08:00	3.662	11.829	15.491	0.630	13.9	81	1.9	266	12
12/04/24 08:05	3.857	11.942	15.799	0.581	13.9	81	2.4	253	16
12/04/24 08:10	3.713	11.596	15.309	0.665	14.0	81	2.5	238	15
12/04/24 08:15	3.592	10.991	14.583	0.594	14.0	82	2.6	245	18
12/04/24 08:20	3.603	10.628	14.231	0.679	14.0	82	3.5	258	07
12/04/24 08:25	3.602	10.254	13.855	0.750	13.8	82	3.4	247	08
12/04/24 08:30	3.352	9.390	12.742	0.599	13.8	84	3.3	256	10
12/04/24 08:35	3.519	9.174	12.693	0.631	14.0	83	3.4	252	10
12/04/24 08:40	3.664	8.697	12.361	0.655	14.0	83	3.8	255	11
12/04/24 08:45	3.261	7.687	10.949	0.684	14.0	83	4.1	235	07
12/04/24 08:50	2.773	6.783	9.555	0.622	14.0	83	4.0	253	06
12/04/24 08:55	2.561	5.958	8.519	0.650	13.9	83	3.8	243	08
12/04/24 09:00	2.290	5.415	7.706	0.729	13.9	83	3.7	253	10
12/04/24 09:05	2.293	5.408	7.701	0.746	13.9	83	3.4	250	10
12/04/24 09:10	2.699	5.817	8.516	0.677	14.0	83	3.9	239	08
12/04/24 09:15	2.799	5.920	8.718	0.673	14.0	84	3.7	235	08
12/04/24 09:20	2.592	5.356	7.948	0.784	14.1	83	4.2	239	08
12/04/24 09:25	2.275	4.795	7.070	0.849	14.1	84	3.7	248	08
12/04/24 09:30	2.121	4.779	6.899	0.926	14.1	84	4.2	237	10
12/04/24 09:35	1.971	4.419	6.390	0.901	14.2	84	4.7	233	11
12/04/24 09:40	1.893	4.191	6.084	0.877	14.3	84	4.2	241	07
12/04/24 09:45	1.743	3.978	5.721	0.780	14.2	84	4.7	239	06
12/04/24 09:50	1.583	3.697	5.280	0.750	14.2	85	4.2	236	05
12/04/24 09:55	1.643	3.631	5.274	0.729	14.2	83	3.7	253	11
12/04/24 10:00	2.006	3.806	5.812	0.683	14.4	82	3.5	244	10
12/04/24 10:05	2.005	3.862	5.868	0.693	14.5	82	3.5	238	10
12/04/24 10:10	2.296	4.060	6.356	0.676	14.7	80	3.5	241	10
12/04/24 10:15	2.816	4.269	7.085	0.555	14.9	79	3.2	244	12
12/04/24 10:20	3.071	4.141	7.212	0.501	15.0	79	4.0	248	06
12/04/24 10:25	2.868	3.793	6.661	0.601	15.0	79	3.8	251	08
12/04/24 10:30	2.671	3.510	6.181	0.668	15.1	78	4.1	237	06
12/04/24 10:35	2.288	3.016	5.303	0.647	15.2	76	3.8	242	06
12/04/24 10:40	1.792	2.462	4.253	0.706	15.2	74	3.3	237	07
12/04/24 10:45	1.456	1.767	3.224	0.650	15.3	74	1.9	259	11
12/04/24 10:50	1.473	1.766	3.238	0.721	15.4	74	2.9	240	08
12/04/24 10:55	1.397	1.860	3.257	0.750	15.4	76	3.1	225	05
12/04/24 11:00	1.290	1.941	3.231	0.770	15.4	76	2.7	225	05
12/04/24 11:05	1.250	1.979	3.229	0.663	15.7	74	2.0	229	11
12/04/24 11:10	1.220	2.026	3.247	0.601	15.7	73	1.8	221	09
12/04/24 11:15	1.141	2.174	3.315	0.459	16.0	72	1.4	224	10
12/04/24 11:20	1.029	2.185	3.213	0.449	16.1	71	2.6	211	04
12/04/24 11:25	0.954	2.012	2.966	0.513	16.2	71	2.5	214	07
12/04/24 11:30	4.874	0.183	5.057	0.605	16.4	72	2.3	203	12
12/04/24 11:35	4.898	1.692	6.591	0.654	16.7	70	2.6	207	07
12/04/24 11:40	1.640	2.070	3.710	0.645	16.7	71	3.1	203	08
12/04/24 11:45	1.447	2.501	3.948	0.667	16.6	71	3.0	202	05
12/04/24 11:50	1.722	3.985	5.708	0.637	16.5	72	2.2	187	17
12/04/24 11:55	1.623	3.392	5.015	0.618	16.7	72	2.6	191	14
12/04/24 12:00	1.458	2.921	4.380	0.567	16.7	72	2.9	199	09
12/04/24 12:05	1.390	2.859	4.249	0.661	16.7	72	3.1	199	04
12/04/24 12:10	1.437	2.652	4.089	0.594	16.8	72	1.9	185	19
12/04/24 12:15	1.954	3.105	5.059	0.527	17.4	67	2.0	176	19
12/04/24 12:20	1.859	2.795	4.655	0.657	17.9	65	1.4	182	27
12/04/24 12:25	1.562	2.208	3.770	0.719	17.8	65	2.5	197	13
12/04/24 12:30	1.435	2.075	3.510	0.758	17.8	64	1.7	183	19
12/04/24 12:35	1.186	1.951	3.137	0.847	18.0	63	1.4	180	27
12/04/24 12:40	0.946	1.758	2.703	0.888	18.3	61	1.4	171	27
12/04/24 12:45	0.785	1.730	2.515	0.865	18.4	62	1.9	186	21
12/04/24 12:50	0.720	1.896	2.616	0.842	18.0	61	1.6	165	16
12/04/24 12:55	0.697	1.915	2.612	0.775	18.2	61	1.2	164	23
12/04/24 13:00	0.678	1.856	2.534	0.664	18.4	61	1.5	167	18
12/04/24 13:05	0.635	1.814	2.450	0.652	18.6	60	1.7	172	18
12/04/24 13:10	0.678	1.890	2.568	0.643	18.4	62	2.0	190	20
12/04/24 13:15	0.770	2.030	2.800	0.599	17.8	64	1.7	180	17
12/04/24 13:20	0.950	2.164	3.115	0.633	18.2	62	1.4	172	21

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/04/24 13:25	1.042	2.170	3.212	0.488	18.5	60	1.6	167	20
12/04/24 13:30	0.923	2.115	3.038	0.444	18.7	59	1.4	163	21
12/04/24 13:35	0.817	2.115	2.932	0.515	19.2	58	1.3	166	22
12/04/24 13:40	0.702	2.001	2.702	0.659	19.4	58	1.1	165	26
12/04/24 13:45	0.534	1.928	2.462	0.720	19.8	56	0.9	159	28
12/04/24 13:50	0.410	1.830	2.240	0.790	20.1	54	1.5	171	20
12/04/24 13:55	0.370	1.799	2.170	0.747	20.1	54	1.4	163	19
12/04/24 14:00	0.354	1.746	2.100	0.682	20.1	56	1.3	189	21
12/04/24 14:05	0.362	1.679	2.040	0.592	19.5	57	1.2	182	24
12/04/24 14:10	0.356	1.665	2.021	0.571	19.2	59	1.3	181	22
12/04/24 14:15	0.279	1.720	1.999	0.708	19.0	60	0.9	166	28
12/04/24 14:20	0.381	1.771	2.152	0.671	19.1	59	1.3	180	24
12/04/24 14:25	0.445	1.785	2.231	0.701	18.5	63	1.7	196	08
12/04/24 14:30	0.468	1.740	2.208	0.650	18.3	63	1.2	178	22
12/04/24 14:35	0.309	1.824	2.132	0.566	18.4	62	1.4	172	20
12/04/24 14:40	0.226	1.881	2.107	0.597	18.4	63	1.1	170	20
12/04/24 14:45	1.039	2.562	3.601	0.680	18.7	62	0.8	168	29
12/04/24 14:50	1.036	1.943	2.979	0.629	18.6	61	1.1	165	22
12/04/24 14:55	1.054	2.274	3.328	0.654	18.6	61	0.8	162	29
12/04/24 15:00	0.835	1.721	2.556	0.665	18.5	62	1.2	185	20
12/04/24 15:05	0.734	1.744	2.478	0.652	18.2	65	1.1	182	18
12/04/24 15:10	0.831	2.201	3.032	0.637	18.2	64	1.2	182	25
12/04/24 15:15	0.860	2.234	3.094	0.613	18.0	65	1.7	194	13
12/04/24 15:20	0.990	2.771	3.761	0.539	18.0	64	1.2	169	21
12/04/24 15:25	1.008	2.682	3.690	0.594	18.2	63	1.1	169	18
12/04/24 15:30	0.955	2.224	3.180	0.586	18.1	63	1.1	169	21
12/04/24 15:35	0.763	1.845	2.608	0.532	18.1	64	1.0	170	27
12/04/24 15:40	0.679	1.955	2.634	0.534	18.1	64	1.0	179	24
12/04/24 15:45	0.631	2.063	2.694	0.480	18.2	65	1.6	196	16
12/04/24 15:50	0.441	2.055	2.495	0.471	17.7	66	1.1	195	21
12/04/24 15:55	0.464	2.166	2.631	0.516	17.8	66	1.5	189	21
12/04/24 16:00	0.377	2.155	2.533	0.520	17.7	68	2.0	202	07
12/04/24 16:05	0.294	2.163	2.457	0.505	17.7	68	2.5	205	06
12/04/24 16:10	0.327	2.037	2.364	0.475	17.6	67	2.5	215	06
12/04/24 16:15	0.282	1.957	2.240	0.489	17.5	67	2.8	206	05
12/04/24 16:20	0.221	1.905	2.126	0.576	17.6	67	2.8	205	05
12/04/24 16:25	0.131	1.825	1.956	0.550	17.5	67	2.8	212	07
12/04/24 16:30	0.127	1.810	1.937	0.603	17.4	66	2.3	208	07
12/04/24 16:35	0.140	1.768	1.908	0.645	17.6	66	2.7	210	09
12/04/24 16:40	0.198	1.672	1.870	0.696	17.6	65	2.5	203	04
12/04/24 16:45	0.237	1.617	1.854	0.665	17.5	66	2.4	215	07
12/04/24 16:50	0.331	1.563	1.893	0.576	17.5	66	2.4	206	05
12/04/24 16:55	0.383	1.590	1.973	0.649	17.6	67	2.5	220	07
12/04/24 17:00	0.320	1.574	1.893	0.727	17.6	66	2.3	219	04
12/04/24 17:05	0.267	1.658	1.924	0.839	17.5	66	1.7	226	04
12/04/24 17:10	0.182	1.858	2.041	0.769	17.6	66	2.1	227	05
12/04/24 17:15	0.232	1.958	2.190	0.685	17.5	67	2.7	223	06
12/04/24 17:20	0.315	1.981	2.296	0.614	17.6	66	2.4	225	05
12/04/24 17:25	0.221	2.079	2.300	0.649	17.6	68	2.3	221	05
12/04/24 17:30	0.198	2.220	2.418	0.580	17.6	67	2.2	220	06
12/04/24 17:35	0.145	2.450	2.595	0.615	17.6	66	2.1	218	06
12/04/24 17:40	0.071	2.468	2.538	0.502	17.6	66	1.6	207	18
12/04/24 17:45	0.143	2.433	2.576	0.443	17.6	67	1.4	193	12
12/04/24 17:50	0.201	2.413	2.614	0.514	17.6	68	0.9	179	19
12/04/24 17:55	0.253	2.376	2.629	0.523	17.6	68	1.2	190	16
12/04/24 18:00	0.375	2.308	2.682	0.499	17.5	69	1.0	184	20
12/04/24 18:05	0.427	2.344	2.771	0.505	17.5	70	1.0	173	20
12/04/24 18:10	0.339	2.278	2.617	0.667	17.4	70	0.9	173	24
12/04/24 18:15	0.266	2.139	2.405	0.696	17.4	72	1.1	176	21
12/04/24 18:20	0.211	2.017	2.228	0.777	17.4	71	1.2	173	22
12/04/24 18:25	0.231	1.908	2.139	0.697	17.4	71	0.9	171	30
12/04/24 18:30	0.243	1.889	2.131	0.680	17.4	72	1.1	170	24
12/04/24 18:35	0.249	1.878	2.127	0.680	17.3	71	1.3	144	23
12/04/24 18:40	0.210	1.762	1.972	0.732	17.3	71	1.2	149	28
12/04/24 18:45	0.230	1.672	1.902	0.793	17.3	71	1.5	144	19
12/04/24 18:50	0.141	1.527	1.668	0.713	17.3	72	1.0	174	30
12/04/24 18:55	0.107	1.401	1.508	0.635	17.2	72	0.8	163	36
12/04/24 19:00	0.094	1.252	1.346	0.628	17.3	71	1.1	137	20
12/04/24 19:05	0.111	1.207	1.318	0.622	17.3	72	0.9	122	20
12/04/24 19:10	0.086	1.146	1.231	0.634	17.2	72	1.0	123	15
12/04/24 19:15	0.018	1.047	1.066	0.548	17.2	72	1.3	138	17
12/04/24 19:20	0.034	0.894	0.927	0.514	17.1	72	1.4	131	15
12/04/24 19:25	0.040	0.774	0.814	0.491	17.2	73	1.4	149	21
12/04/24 19:30	0.074	0.745	0.819	0.535	17.2	72	1.5	130	14
12/04/24 19:35	0.028	0.769	0.798	0.499	17.1	73	1.1	147	25
12/04/24 19:40	0.003	0.808	0.811	0.550	17.1	73	1.7	139	16
12/04/24 19:45	-0.050	0.818	0.768	0.479	17.1	73	1.6	136	12
12/04/24 19:50	0.018	0.872	0.890	0.494	17.1	73	1.4	133	16
12/04/24 19:55	0.011	1.002	1.014	0.500	17.1	74	1.1	145	24
12/04/24 20:00	0.027	1.106	1.133	0.500	17.1	74	1.3	155	26
12/04/24 20:05	0.142	1.123	1.265	0.588	17.1	76	1.1	176	20
12/04/24 20:10	0.019	1.220	1.239	0.623	17.2	76	1.1	155	27
12/04/24 20:15	-0.069	1.206	1.136	0.622	17.2	75	1.1	164	20
12/04/24 20:20	-0.119	1.173	1.055	0.501	17.1	78	2.3	200	14
12/04/24 20:25	-0.119	1.214	1.095	0.396	17.0	83	4.6	223	13
12/04/24 20:30	-0.063	1.375	1.312	0.401	16.8	78	4.9	228	07
12/04/24 20:35	0.022	1.455	1.477	0.334	16.8	80	4.5	221	06
12/04/24 20:40	0.014	1.461	1.475	0.359	16.7	83	3.2	214	07
12/04/24 20:45	-0.043	1.418	1.375	0.301	16.8	83	2.8	207	07
12/04/24 20:50	-0.035	1.539	1.504	0.272	16.7	82	2.7	208	06
12/04/24 20:55	-0.023	1.523	1.501	0.472	16.8	79	3.1	213	06
12/04/24 21:00	0.038	1.475	1.513	0.459	17.0	81	3.5	216	06
12/04/24 21:05	1.267	4.710	5.976	0.423	17.0	80	3.5	223	05
12/04/24 21:10	0.543	1.063	1.607	0.318	17.0	80	3.7	213	07
12/04/24 21:15	0.201	1.775	1.976	0.330	17.0	80	4.0	208	06
12/04/24 21:20	0.158	1.752	1.910	0.328	16.9	83	5.2	202	04
12/04/24 21:25	0.037	1.434	1.471	0.398	16.8	84	5.0	201	05
12/04/24 21:30	0.020	1.400	1.420	0.420	16.8	84	4.9	200	06
12/04/24 21:35	0.048	1.256	1.303	0.321	16.6	84	3.5	190	10
12/04/24 21:40	0.132	1.127	1.258	0.337	16.6	84	4.1	196	08
12/04/24 21:45	-0.022	1.084	1.063	0.282	16.6	81	3.6	192	08
12/04/24 21:50	-0.136	1.162	1.026	0.336	16.5	82	3.5	199	08
12/04/24 21:55	-0.028	1.166	1.138	0.417	16.6	81	3.4	199	07
12/04/24 22:00	0.020	1.200	1.220	0.300	16.5	81	4.0	203	10

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/04/24 22:05	0.031	1.195	1.225	0.347	16.6	81	4.1	211	07
12/04/24 22:10	0.009	1.136	1.145	0.345	16.6	80	4.2	206	08
12/04/24 22:15	0.329	1.819	2.148	0.339	16.6	79	4.2	209	08
12/04/24 22:20	0.376	1.688	2.064	0.422	16.6	77	4.6	219	06
12/04/24 22:25	0.315	1.073	1.388	0.390	16.7	77	4.5	216	06
12/04/24 22:30	0.276	0.994	1.270	0.468	16.7	76	5.0	214	04
12/04/24 22:35	0.325	0.948	1.273	0.421	16.6	77	4.3	212	06
12/04/24 22:40	0.284	0.817	1.101	0.369	16.6	76	5.0	221	08
12/04/24 22:45	0.336	0.821	1.157	0.338	16.6	76	5.0	222	06
12/04/24 22:50	0.197	0.934	1.131	0.250	16.6	78	4.3	235	10
12/04/24 22:55	0.061	1.138	1.199	0.276	16.5	77	4.7	238	07
12/04/24 23:00	0.076	1.216	1.291	0.389	16.5	75	5.1	238	07
12/04/24 23:05	0.156	1.244	1.399	0.438	16.3	76	5.2	241	08
12/04/24 23:10	0.124	1.360	1.484	0.495	16.2	78	4.5	242	06
12/04/24 23:15	0.048	1.657	1.704	0.485	16.1	77	4.9	246	06
12/04/24 23:20	-0.054	2.524	2.470	0.393	16.1	78	4.5	246	06
12/04/24 23:25	0.267	4.016	4.283	0.342	15.9	79	4.1	242	06
12/04/24 23:30	0.614	7.478	8.092	0.371	15.9	78	3.9	252	07
12/04/24 23:35	1.616	14.341	15.958	0.497	15.8	80	3.5	260	07
12/04/24 23:40	2.350	14.578	16.928	0.573	15.7	80	3.8	261	08
12/04/24 23:45	3.112	14.293	17.405	0.624	15.6	80	3.8	253	10
12/04/24 23:50	4.178	14.392	18.570		15.6	78	4.1	251	08
12/04/24 23:55	4.560	13.903	18.463		15.5	77	3.8	251	07
13/04/24 00:00	4.623	13.699	18.322	0.716	15.6	77	4.1	252	07
13/04/24 00:05	4.349	13.297	17.646	0.904	15.5	77	3.9	256	08
13/04/24 00:10	4.015	12.720	16.735	1.118	15.4	77	3.9	254	10
13/04/24 00:15	3.354	11.880	15.234	1.259	15.4	78	3.6	265	07
13/04/24 00:20	2.623	10.927	13.550	1.389	15.3	79	3.8	263	07
13/04/24 00:25	2.175	9.874	12.049	1.298	15.4	79	3.8	260	06
13/04/24 00:30	2.071	9.354	11.424	1.343	15.2	78	3.9	252	07
13/04/24 00:35	2.095	9.527	11.622	1.433	15.3	79	3.9	259	08
13/04/24 00:40	1.997	9.602	11.600	1.515	15.3	79	3.8	256	09
13/04/24 00:45	2.046	9.691	11.737	1.499	15.2	80	3.7	254	09
13/04/24 00:50	2.238	10.174	12.412	1.483	15.2	79	3.8	257	08
13/04/24 00:55	2.166	10.449	12.615	1.496	15.2	79	3.9	256	09
13/04/24 01:00	2.254	10.636	12.891	1.449	15.3	79	3.5	258	10
13/04/24 01:05					15.3	80	3.2	260	09
13/04/24 01:10					15.2	80	3.4	258	07
13/04/24 01:15					15.1	81	3.7	261	07
13/04/24 01:20					15.1	82	3.3	265	09
13/04/24 01:25					15.1	82	3.4	262	09
13/04/24 01:30					15.0	80	3.0	266	08
13/04/24 01:35					15.1	80	3.4	260	07
13/04/24 01:40					15.0	80	3.6	265	08
13/04/24 01:45					14.9	81	3.0	269	09
13/04/24 01:50					14.9	82	1.7	283	14
13/04/24 01:55					14.8	81	1.8	278	15
13/04/24 02:00					14.8	81	1.7	292	16
13/04/24 02:05	1.359	10.559	11.918	1.469	14.8	82	1.8	282	14
13/04/24 02:10	1.173	10.620	11.793	1.515	14.7	82	1.8	291	16
13/04/24 02:15	0.925	10.465	11.390	1.441	14.6	82	2.1	292	14
13/04/24 02:20	0.710	10.511	11.221	1.480	14.6	81	1.9	292	17
13/04/24 02:25	0.651	10.460	11.111	1.513	14.6	82	1.7	292	13
13/04/24 02:30	0.560	10.530	11.090	1.499	14.6	82	1.4	285	21
13/04/24 02:35	0.493	10.631	11.124	1.521	14.6	82	2.0	285	16
13/04/24 02:40	0.559	10.674	11.233	1.586	14.5	81	1.7	283	22
13/04/24 02:45	0.708	11.065	11.773	1.521	14.6	82	1.7	292	17
13/04/24 02:50	0.893	11.802	12.695	1.634	14.6	83	1.2	284	22
13/04/24 02:55	0.889	11.969	12.858	1.646	14.6	82	2.0	276	18
13/04/24 03:00	0.850	11.969	12.819	1.611	14.6	82	2.3	274	14
13/04/24 03:05	0.847	11.939	12.786	1.643	14.6	82	2.4	270	14
13/04/24 03:10	0.791	11.845	12.636	1.659	14.6	82	3.0	269	11
13/04/24 03:15	0.762	11.338	12.100	1.596	14.6	82	3.0	266	12
13/04/24 03:20	0.911	11.212	12.123	1.540	14.6	82	2.7	266	12
13/04/24 03:25	0.825	10.669	11.495	1.540	14.4	82	2.8	266	10
13/04/24 03:30	0.773	9.918	10.691	1.562	14.4	82	3.7	262	10
13/04/24 03:35	0.768	9.388	10.156	1.489	14.4	82	3.9	264	08
13/04/24 03:40	0.690	9.101	9.791	1.521	14.5	83	3.9	256	09
13/04/24 03:45	0.823	9.102	9.925	1.532	14.4	83	4.0	256	08
13/04/24 03:50	0.884	8.889	9.774	1.526	14.3	83	4.2	258	08
13/04/24 03:55	0.985	8.483	9.468	1.485	14.3	83	3.6	260	11
13/04/24 04:00	1.019	8.100	9.120	1.505	14.2	83	4.3	259	09
13/04/24 04:05	1.052	7.839	8.891	1.547	14.2	84	4.1	256	08
13/04/24 04:10	0.946	7.732	8.678	1.614	14.2	84	4.3	257	10
13/04/24 04:15	0.872	7.365	8.237	1.589	14.1	84	4.5	261	06
13/04/24 04:20	0.992	7.116	8.108	1.575	14.1	84	4.1	256	07
13/04/24 04:25	0.716	6.639	7.354	1.518	14.2	85	4.2	266	07
13/04/24 04:30	0.529	6.305	6.834	1.516	14.3	85	4.2	265	07
13/04/24 04:35	0.433	6.023	6.456	1.599	14.2	84	4.5	258	06
13/04/24 04:40	0.495	6.117	6.612	1.584	14.2	84	4.3	260	06
13/04/24 04:45	0.605	6.577	7.182	1.526	14.1	84	4.3	250	07
13/04/24 04:50	0.892	7.097	7.989	1.466	14.1	85	3.9	261	06
13/04/24 04:55	0.929	7.113	8.042	1.382	14.1	85	4.6	263	04
13/04/24 05:00	1.208	7.420	8.628	1.317	14.0	85	4.6	259	05
13/04/24 05:05	8.591	13.702	22.293	1.384	13.9	85	4.6	258	05
13/04/24 05:10	4.237	8.098	12.335	1.393	13.9	85	3.9	260	07
13/04/24 05:15	1.572	7.354	8.926	1.317	13.9	85	4.1	263	07
13/04/24 05:20	1.528	7.985	9.513	1.446	13.8	85	4.0	264	05
13/04/24 05:25	1.056	8.269	9.325	1.429	13.8	85	3.9	263	08
13/04/24 05:30	0.877	8.191	9.068	1.470	13.7	86	2.6	274	10
13/04/24 05:35	1.047	9.697	10.744	1.523	13.6	87	2.5	275	12
13/04/24 05:40	1.341	10.834	12.175	1.469	13.5	87	2.1	280	15
13/04/24 05:45	1.347	11.051	12.398	1.472	13.3	87	2.2	281	14
13/04/24 05:50	1.354	11.038	12.392	1.444	13.3	88	2.3	276	12
13/04/24 05:55	1.559	11.062	12.621	1.493	13.2	88	2.3	282	13
13/04/24 06:00	1.915	11.416	13.330	1.541	13.2	88	1.9	281	14
13/04/24 06:05	2.191	11.770	13.961	1.529	13.1	88	1.8	284	19
13/04/24 06:10	2.159	11.863	14.022	1.435	13.1	89	1.9	278	13
13/04/24 06:15	2.589	13.739	16.328	1.555	13.1	88	2.0	287	14
13/04/24 06:20	16.258	23.796	40.055	1.675	13.1	88	1.9	291	16
13/04/24 06:25	22.744	20.329	43.073	1.748	13.0	88	2.0	291	15
13/04/24 06:30	6.487	11.308	17.795	1.745	12.9	87	2.6	298	10
13/04/24 06:35	4.120	11.466	15.586	1.661	12.8	87	2.5	296	10
13/04/24 06:40	3.225	11.705	14.930	1.618	12.8	87	2.1	298	14

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/04/24 06:45	3.140	12.066	15.206	1.544	12.7	87	2.1	302	14
13/04/24 06:50	4.411	13.710	18.121	1.407	12.8	87	1.8	302	17
13/04/24 06:55	7.163	18.872	26.035	1.399	12.8	87	1.7	310	15
13/04/24 07:00	11.330	17.027	28.357	1.462	12.8	87	1.6	313	12
13/04/24 07:05	16.991	13.994	30.985	1.682	12.6	87	1.8	311	11
13/04/24 07:10	19.129	15.043	34.171	1.711	12.5	87	2.1	313	08
13/04/24 07:15	18.058	15.454	33.512	1.731	12.6	87	1.6	306	13
13/04/24 07:20	17.945	15.602	33.546	1.711	12.6	87	1.9	301	12
13/04/24 07:25	16.997	15.220	32.218	1.599	12.9	86	1.3	294	21
13/04/24 07:30	16.740	14.806	31.546	1.593	13.1	85	1.6	306	14
13/04/24 07:35	17.402	14.878	32.280	1.656	13.1	84	1.4	306	15
13/04/24 07:40	18.875	14.631	33.506	1.781	13.2	84	1.4	310	19
13/04/24 07:45	19.435	14.512	33.947	1.935	13.3	82	1.6	319	13
13/04/24 07:50	19.310	14.328	33.638	1.817	13.3	83	1.7	296	19
13/04/24 07:55	18.379	13.891	32.270	1.756	13.4	82	1.1	294	26
13/04/24 08:00	17.682	13.597	31.280	1.804	13.5	81	1.5	299	17
13/04/24 08:05	17.271	13.319	30.590	1.943	13.7	81	1.3	290	19
13/04/24 08:10	17.238	13.125	30.364	2.008	13.7	81	1.3	279	18
13/04/24 08:15	17.813	13.176	30.989	2.010	13.9	81	1.2	285	19
13/04/24 08:20	18.022	12.984	31.006	1.918	14.1	80	2.2	257	16
13/04/24 08:25	16.508	12.090	28.598	1.959	14.1	80	1.6	252	20
13/04/24 08:30	14.314	10.023	24.337	1.927	14.3	79	1.4	288	22
13/04/24 08:35	9.547	10.529	20.076	1.832	14.2	79	1.0	268	23
13/04/24 08:40	8.724	10.793	19.518	1.808	14.1	80	1.3	265	16
13/04/24 08:45	8.349	10.652	19.001	1.793	14.0	81	1.5	270	10
13/04/24 08:50	8.638	10.649	19.287	1.813	14.1	82	1.7	260	12
13/04/24 08:55	9.573	10.862	20.435	1.855	14.1	82	1.5	257	13
13/04/24 09:00	10.006	10.843	20.849	1.881	14.3	81	1.7	261	11
13/04/24 09:05	9.653	10.575	20.229	1.924	14.4	81	2.1	267	08
13/04/24 09:10	8.723	9.797	18.520	1.799	14.4	80	2.1	262	11
13/04/24 09:15	8.163	9.184	17.347	1.670	14.6	80	1.8	251	17
13/04/24 09:20	7.772	8.384	16.156	1.679	14.6	79	1.4	272	18
13/04/24 09:25	7.387	7.968	15.356	1.705	14.7	79	2.1	254	08
13/04/24 09:30	7.347	8.235	15.582	1.699	14.8	79	1.5	266	18
13/04/24 09:35	7.153	8.348	15.501	1.754	14.8	78	1.1	272	13
13/04/24 09:40	7.223	8.522	15.745	1.782	14.9	78	1.1	278	14
13/04/24 09:45	7.479	8.837	16.316	1.794	15.0	77	1.1	279	14
13/04/24 09:50	7.847	9.120	16.967	1.770	15.2	76	1.0	294	18
13/04/24 09:55	7.682	9.054	16.735	1.654	15.3	74	1.1	290	21
13/04/24 10:00	7.430	8.728	16.157	1.627	15.6	74	1.3	251	17
13/04/24 10:05	7.430	8.718	16.148	1.670	15.8	72	1.1	217	11
13/04/24 10:10	7.096	8.303	15.399	1.703	16.3	70	1.5	208	08
13/04/24 10:15	6.115	5.940	12.055	1.691	16.4	68	1.8	210	10
13/04/24 10:20	5.241	2.609	7.850	1.747	16.5	69	1.9	193	10
13/04/24 10:25	4.665	2.549	7.215	1.781	17.0	69	1.8	191	16
13/04/24 10:30	3.753	2.075	5.828	1.760	16.5	71	2.3	202	05
13/04/24 10:35	3.015	1.939	4.954	1.809	16.2	72	2.3	204	06
13/04/24 10:40	2.631	2.083	4.714	1.850	16.3	72	2.6	199	04
13/04/24 10:45	2.292	2.224	4.516	1.820	16.0	74	2.6	201	08
13/04/24 10:50	2.085	2.402	4.487	1.725	16.3	75	1.8	191	17
13/04/24 10:55	2.027	2.565	4.593	1.778	16.5	74	2.5	199	11
13/04/24 11:00	1.935	2.434	4.369	1.828	16.2	76	3.1	199	04
13/04/24 11:05	1.827	2.294	4.121	1.868	16.2	78	2.5	199	09
13/04/24 11:10	1.613	2.264	3.877	1.834	16.5	76	2.5	200	10
13/04/24 11:15	1.553	2.236	3.789	1.793	16.9	74	1.5	173	26
13/04/24 11:20	1.447	2.179	3.626	1.748	17.7	70	1.1	152	22
13/04/24 11:25	1.436	2.123	3.560	1.704	18.0	68	1.0	127	20
13/04/24 11:30	1.460	2.186	3.646	1.750	18.1	68	1.0	131	21
13/04/24 11:35	1.437	2.221	3.658	1.679	18.4	67	1.0	129	19
13/04/24 11:40	1.460	2.264	3.723	1.627	18.7	66	1.2	132	18
13/04/24 11:45	1.306	2.331	3.637	1.669	18.6	66	1.1	134	22
13/04/24 11:50	1.276	2.461	3.737	1.650	18.5	66	1.0	136	22
13/04/24 11:55	1.334	2.447	3.781	1.675	18.7	66	0.8	128	22
13/04/24 12:00	1.296	2.388	3.684	1.713	18.6	67	1.3	163	29
13/04/24 12:05	1.169	2.120	3.289	1.701	18.6	65	1.8	189	13
13/04/24 12:10	1.719	2.831	4.550	1.694	18.5	65	1.9	195	14
13/04/24 12:15	1.739	2.689	4.428	1.703	17.9	67	2.1	185	15
13/04/24 12:20	1.427	1.793	3.220	1.671	18.2	66	1.8	186	17
13/04/24 12:25	1.260	1.353	2.613	1.663	18.7	64	1.7	179	15
13/04/24 12:30	1.052	1.132	2.184	1.687	18.9	62	1.9	180	15
13/04/24 12:35	0.987	0.979	1.966	1.798	19.1	61	2.0	174	18
13/04/24 12:40	0.869	0.996	1.866	1.871	19.0	63	1.6	171	22
13/04/24 12:45	0.762	1.011	1.772	1.890	19.2	62	1.6	178	19
13/04/24 12:50	0.549	1.024	1.573	1.872	19.5	61	1.8	168	19
13/04/24 12:55	0.405	1.059	1.463	1.907	19.3	60	1.6	172	20
13/04/24 13:00	0.375	1.012	1.387	1.787	19.4	58	1.2	162	26
13/04/24 13:05	0.271	1.059	1.330	1.766	19.5	58	1.3	161	28
13/04/24 13:10	0.322	1.198	1.520	1.555	19.9	56	1.3	170	24
13/04/24 13:15	0.242	1.164	1.406	1.501	20.0	54	1.4	154	19
13/04/24 13:20	0.304	1.172	1.477	1.479	20.1	54	1.1	155	26
13/04/24 13:25	0.184	1.245	1.429	1.462	20.3	53	1.2	161	25
13/04/24 13:30	0.168	1.220	1.388	1.289	20.4	52	1.4	159	20
13/04/24 13:35	0.185	1.218	1.403	1.206	20.4	53	1.1	156	24
13/04/24 13:40	0.118	1.284	1.402	1.329	20.4	53	1.6	163	18
13/04/24 13:45	0.132	1.214	1.346	1.380	20.3	52	1.1	152	29
13/04/24 13:50	0.139	1.153	1.293	1.450	20.3	52	1.3	155	25
13/04/24 13:55	0.008	1.210	1.217	1.436	20.4	51	1.6	165	16
13/04/24 14:00	0.029	1.214	1.242	1.514	20.4	51	1.4	161	20
13/04/24 14:05	0.151	1.174	1.325	1.515	20.5	51	1.5	169	15
13/04/24 14:10	0.169	1.133	1.302	1.502	20.3	51	1.2	160	23
13/04/24 14:15	0.121	1.179	1.300	1.507	20.3	54	1.4	174	25
13/04/24 14:20	0.192	1.247	1.440	1.468	20.0	55	1.6	188	12
13/04/24 14:25	0.352	1.318	1.671	1.524	20.1	53	1.2	181	21
13/04/24 14:30	0.232	1.299	1.531	1.599	20.3	51	1.5	165	21
13/04/24 14:35	0.184	1.359	1.543	1.592	20.4	50	1.4	164	20
13/04/24 14:40	0.237	1.376	1.614	1.622	20.5	51	1.3	158	24
13/04/24 14:45	0.199	1.345	1.544	1.516	20.6	50	1.3	163	22
13/04/24 14:50	0.165	1.293	1.458	1.533	20.7	49	1.2	164	21
13/04/24 14:55	0.152	1.326	1.478	1.575	20.9	49	1.4	163	18
13/04/24 15:00	0.587	1.879	2.466	1.507	20.8	49	1.5	161	19
13/04/24 15:05	0.846	2.426	3.272	1.534	20.7	49	1.5	166	22
13/04/24 15:10	2.357	6.076	8.433	1.596	20.7	49	1.5	165	18
13/04/24 15:15	2.474	5.286	7.760	1.683	20.4	49	1.6	172	20
13/04/24 15:20	1.653	2.196	3.849	1.672	20.1	52	1.6	179	22

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/04/24 15:25	1.277	1.268	2.545	1.635	20.2	53	1.7	188	17
13/04/24 15:30	0.983	1.367	2.350	1.639	19.6	56	2.5	201	07
13/04/24 15:35	0.843	1.441	2.284	1.647	19.0	58	2.6	206	05
13/04/24 15:40	0.794	1.546	2.341	1.506	18.7	59	2.4	204	08
13/04/24 15:45	1.081	2.044	3.126	1.483	19.0	58	2.4	201	10
13/04/24 15:50	1.383	2.708	4.090	1.625	18.8	59	2.5	200	07
13/04/24 15:55	1.277	2.397	3.674	1.603	19.3	57	1.6	180	20
13/04/24 16:00	1.026	1.728	2.754	1.598	19.9	53	1.6	184	19
13/04/24 16:05	0.790	1.320	2.110	1.633	20.1	51	1.8	181	17
13/04/24 16:10	0.643	1.199	1.842	1.582	20.0	52	1.7	177	17
13/04/24 16:15	0.484	1.153	1.637	1.469	19.8	52	1.7	174	19
13/04/24 16:20	0.247	1.078	1.325	1.496	19.3	55	1.5	166	17
13/04/24 16:25	0.095	0.950	1.044	1.523	19.0	57	1.6	175	17
13/04/24 16:30	0.026	0.956	0.983	1.495	18.8	59	1.3	175	19
13/04/24 16:35	0.161	1.121	1.283	1.449	18.7	62	1.4	177	21
13/04/24 16:40	1.093	6.490	7.583	1.544	18.6	62	1.8	193	13
13/04/24 16:45	2.415	8.293	10.708	1.589	18.5	61	1.5	173	16
13/04/24 16:50	2.102	4.473	6.575	1.643	18.4	62	1.6	171	20
13/04/24 16:55	1.480	0.662	2.143	1.629	18.4	63	1.7	170	20
13/04/24 17:00	1.149	0.480	1.628	1.466	18.7	62	1.8	171	23
13/04/24 17:05	0.792	0.479	1.271	1.380	18.9	61	1.2	163	31
13/04/24 17:10	0.518	0.630	1.148	1.382	19.1	62	1.2	171	30
13/04/24 17:15	0.362	0.755	1.117	1.336	19.1	63	1.3	165	30
13/04/24 17:20	0.300	1.003	1.303	1.381	19.0	64	1.1	173	33
13/04/24 17:25	0.368	1.347	1.715	1.321	18.9	65	1.7	170	23
13/04/24 17:30	0.269	1.546	1.815	1.331	18.8	67	1.7	167	21
13/04/24 17:35	0.181	1.509	1.690	1.421	18.6	67	1.4	157	30
13/04/24 17:40	0.141	1.357	1.498	1.329	18.2	68	1.9	149	21
13/04/24 17:45	0.097	1.427	1.524	1.413	17.9	70	1.1	164	35
13/04/24 17:50	0.105	1.584	1.689	1.443	17.7	71	1.5	152	23
13/04/24 17:55	0.019	1.804	1.823	1.427	17.5	71	1.6	154	24
13/04/24 18:00	0.050	2.030	2.080	1.363	17.4	73	2.1	141	15
13/04/24 18:05	0.027	2.012	2.039	1.365	17.3	74	2.3	144	13
13/04/24 18:10	0.059	1.871	1.930	1.510	17.2	73	1.9	143	19
13/04/24 18:15	0.083	1.707	1.789	1.511	17.2	73	1.5	152	25
13/04/24 18:20	0.102	1.467	1.569	1.481	17.2	73	1.8	146	17
13/04/24 18:25	0.062	1.275	1.337	1.428	17.2	73	2.0	131	14
13/04/24 18:30	-0.003	1.173	1.169	1.477	17.2	72	2.0	131	14
13/04/24 18:35	0.001	1.124	1.126	1.435	17.2	73	1.7	136	17
13/04/24 18:40	0.072	1.152	1.224	1.478	17.2	73	1.6	130	19
13/04/24 18:45	0.049	1.250	1.299	1.521	17.2	73	2.1	138	13
13/04/24 18:50	0.095	1.350	1.445	1.549	17.3	72	2.2	135	13
13/04/24 18:55	0.138	1.449	1.586	1.595	17.3	74	1.8	137	16
13/04/24 19:00	0.160	1.590	1.750	1.683	17.3	75	1.4	121	25
13/04/24 19:05	0.154	1.840	1.994	1.634	17.2	74	1.5	115	14
13/04/24 19:10	0.130	2.230	2.360	1.574	17.2	75	1.5	116	15
13/04/24 19:15	-0.013	2.593	2.580	1.517	17.2	75	1.4	115	13
13/04/24 19:20	-0.060	3.014	2.954	1.481	17.2	76	1.9	109	08
13/04/24 19:25	-0.068	3.537	3.468	1.522	17.1	75	2.2	112	08
13/04/24 19:30	-0.057	3.786	3.729	1.638	17.2	74	1.8	106	10
13/04/24 19:35	0.050	4.642	4.691	1.715	17.0	73	1.9	100	06
13/04/24 19:40	0.177	6.673	6.850	1.721	16.9	73	1.8	98	06
13/04/24 19:45	0.276	10.072	10.348	1.737	16.7	73	1.8	100	05
13/04/24 19:50	0.407	11.566	11.973	1.680	16.8	73	1.8	98	06
13/04/24 19:55	0.416	11.604	12.020	1.695	16.7	73	1.8	94	05
13/04/24 20:00	0.545	12.156	12.701	1.683	16.7	73	1.7	94	07
13/04/24 20:05	0.655	12.265	12.920	1.665	16.7	73	1.7	97	07
13/04/24 20:10	0.586	12.176	12.762	1.588	16.7	73	1.6	98	10
13/04/24 20:15	0.523	11.906	12.429	1.563	16.6	73	1.6	99	06
13/04/24 20:20	0.459	11.666	12.125	1.578	16.6	73	1.7	98	05
13/04/24 20:25	0.430	11.612	12.042	1.535	16.6	73	1.6	101	06
13/04/24 20:30	0.405	11.491	11.896	1.566	16.6	73	1.5	100	05
13/04/24 20:35	0.401	11.548	11.949	1.489	16.5	73	1.4	103	05
13/04/24 20:40	0.361	11.705	12.066	1.533	16.5	74	1.2	110	09
13/04/24 20:45	0.319	11.869	12.188	1.578	16.6	75	1.2	111	08
13/04/24 20:50	0.426	12.139	12.566	1.598	16.5	75	1.3	106	06
13/04/24 20:55	0.585	12.554	13.140	1.469	16.5	74	1.3	100	08
13/04/24 21:00	0.680	12.969	13.649	1.451	16.4	74	1.3	92	08
13/04/24 21:05	0.843	13.539	14.382	1.437	16.3	75	1.3	92	09
13/04/24 21:10	1.112	14.060	15.172	1.483	16.3	75	1.1	81	15
13/04/24 21:15	1.522	15.129	16.652	1.518	16.2	75	1.0	70	15
13/04/24 21:20	2.057	16.158	18.215	1.496	16.2	76	1.0	77	14
13/04/24 21:25	2.502	16.878	19.379	1.489	16.1	76	1.0	94	11
13/04/24 21:30	2.725	17.544	20.269	1.401	16.0	77	1.1	109	08
13/04/24 21:35	2.582	17.777	20.360	1.484	15.9	77	1.2	111	06
13/04/24 21:40	2.326	17.923	20.249	1.459	16.0	77	1.2	115	08
13/04/24 21:45	1.948	17.924	19.872	1.476	16.1	78	1.1	114	09
13/04/24 21:50	1.662	18.054	19.716	1.554	16.1	78	1.5	109	08
13/04/24 21:55	1.654	18.351	20.005	1.527	16.1	77	1.3	112	15
13/04/24 22:00	1.705	18.367	20.071	1.509	16.1	78	1.5	131	17
13/04/24 22:05	1.365	17.808	19.173	1.597	16.2	79	2.0	133	16
13/04/24 22:10	1.060	17.540	18.599	1.575	16.1	79	1.5	123	18
13/04/24 22:15	0.929	17.620	18.549	1.512	16.2	80	2.0	111	10
13/04/24 22:20	1.050	17.929	18.979	1.471	16.1	79	1.7	93	07
13/04/24 22:25	1.761	18.320	20.081	1.542	16.0	78	1.5	96	05
13/04/24 22:30	2.358	18.678	21.035	1.551	15.9	78	1.1	95	08
13/04/24 22:35	2.415	18.823	21.239	1.560	15.8	78	1.4	97	07
13/04/24 22:40	2.593	18.989	21.581	1.475	15.7	78	1.0	84	11
13/04/24 22:45	3.909	19.462	23.371	1.542	15.7	78	1.0	66	10
13/04/24 22:50	4.867	20.486	25.353	1.612	15.7	79	1.3	55	11
13/04/24 22:55	10.730	21.346	32.077	1.645	15.6	79	1.4	51	09
13/04/24 23:00	12.047	20.047	32.095	1.775	15.6	79	1.6	48	07
13/04/24 23:05	11.377	20.440	31.817	1.976	15.4	79	1.7	53	07
13/04/24 23:10	8.274	21.308	29.582	1.915	15.5	79	1.5	62	11
13/04/24 23:15	7.222	19.772	26.994	1.839	15.5	79	1.5	54	09
13/04/24 23:20	10.503	18.949	29.453	1.851	15.5	80	1.6	57	10
13/04/24 23:25	8.433	18.547	26.981	1.789	15.4	80	1.7	52	07
13/04/24 23:30	9.163	19.802	28.965	1.783	15.2	81	2.0	47	04
13/04/24 23:35	7.761	20.139	27.900	1.739	15.1	81	1.8	45	06
13/04/24 23:40	7.250	20.644	27.894	1.771	15.1	81	1.7	42	05
13/04/24 23:45	7.834	20.728	28.563	1.820	14.9	82	1.7	43	05
13/04/24 23:50	17.931	19.477	37.408		14.9	82	1.6	22	15
13/04/24 23:55	49.178	22.839	72.016		14.7	83	1.0	351	17
14/04/24 00:00	63.365	19.063	82.427	1.874	14.7	84	0.7	353	14

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/04/24 00:05	67.191	23.400	90.591	1.709	14.4	84	1.0	353	13
14/04/24 00:10	67.918	22.580	90.498	1.636	14.3	84	0.9	349	11
14/04/24 00:15	66.147	21.700	87.847	1.749	14.3	85	1.5	333	12
14/04/24 00:20	62.975	22.789	85.764	1.790	14.3	85	1.0	335	25
14/04/24 00:25	63.059	22.664	85.723	1.778	14.2	85	0.8	345	21
14/04/24 00:30	64.526	22.491	87.016	1.744	14.0	86	0.8	328	25
14/04/24 00:35	64.743	22.489	87.232	1.722	13.9	86	1.0	336	22
14/04/24 00:40	76.360	21.963	98.323	1.705	13.7	86	1.3	345	21
14/04/24 00:45	78.352	23.787	102.139	1.709	13.7	86	1.9	340	13
14/04/24 00:50	64.739	25.554	90.293	1.605	13.6	86	1.9	341	14
14/04/24 00:55	70.596	20.909	91.505	1.434	13.7	86	1.6	334	16
14/04/24 01:00	70.509	21.034	91.543	1.508	13.6	86	1.6	334	13
14/04/24 01:05					13.6	87	1.5	327	12
14/04/24 01:10					13.6	87	1.5	329	13
14/04/24 01:15					13.6	87	1.9	343	13
14/04/24 01:20					13.3	86	2.1	360	13
14/04/24 01:25					13.2	87	1.7	360	18
14/04/24 01:30					13.1	87	1.7	356	13
14/04/24 01:35					13.2	87	1.4	337	16
14/04/24 01:40					13.2	87	1.5	346	17
14/04/24 01:45					13.2	87	1.5	335	18
14/04/24 01:50					13.1	87	1.7	334	14
14/04/24 01:55					13.2	87	1.7	330	17
14/04/24 02:00					13.1	87	1.6	338	20
14/04/24 02:05	29.358	20.007	49.364	1.449	13.1	87	1.5	336	16
14/04/24 02:10	31.230	18.907	50.137	1.385	13.0	87	1.4	342	27
14/04/24 02:15	33.580	18.054	51.634	1.474	13.0	88	0.9	345	24
14/04/24 02:20	37.932	18.122	56.054	1.561	13.0	88	1.6	338	19
14/04/24 02:25	51.726	19.968	71.694	1.554	13.0	88	1.4	338	21
14/04/24 02:30	52.904	20.356	73.259	1.484	12.9	88	1.4	333	23
14/04/24 02:35	52.592	20.210	72.802	1.493	12.9	88	1.1	344	29
14/04/24 02:40	53.638	20.229	73.867	1.539	12.8	88	1.1	351	21
14/04/24 02:45	54.201	20.474	74.674	1.646	12.8	88	1.0	343	23
14/04/24 02:50	54.280	20.260	74.541	1.546	12.7	88	1.4	355	23
14/04/24 02:55	52.422	20.043	72.465	1.567	12.7	88	1.6	2	19
14/04/24 03:00	50.694	20.135	70.829	1.711	12.7	88	1.3	359	20
14/04/24 03:05	49.520	20.107	69.627	1.763	12.8	88	1.5	355	21
14/04/24 03:10	48.450	20.189	68.639	1.776	12.8	88	2.0	1	11
14/04/24 03:15	47.751	20.250	68.001	1.852	12.9	88	2.1	1	08
14/04/24 03:20	47.510	20.363	67.873	1.861	12.9	87	1.9	358	13
14/04/24 03:25	47.566	20.283	67.848	1.896	12.8	87	2.2	3	11
14/04/24 03:30	47.761	19.947	67.708	1.825	13.0	87	2.1	3	09
14/04/24 03:35	47.449	19.860	67.309	1.831	12.8	88	1.4	4	22
14/04/24 03:40	47.475	19.631	67.106	1.840	12.9	88	1.2	357	17
14/04/24 03:45	47.940	19.542	67.482	1.785	12.9	88	0.8	1	26
14/04/24 03:50	48.452	19.545	67.998	1.867	13.0	88	2.0	1	13
14/04/24 03:55	49.065	19.502	68.567	1.850	12.9	87	1.9	359	14
14/04/24 04:00	48.918	19.379	68.298	1.837	12.9	87	2.0	7	08
14/04/24 04:05	47.732	19.148	66.880	1.875	12.9	88	1.1	359	19
14/04/24 04:10	46.119	19.098	65.216	1.842	12.8	88	1.5	358	12
14/04/24 04:15	44.589	19.154	63.743	1.773	12.8	87	1.4	3	08
14/04/24 04:20	44.551	19.129	63.681	1.764	13.0	87	1.1	11	13
14/04/24 04:25	45.580	18.830	64.410	1.865	13.0	87	1.4	26	09
14/04/24 04:30	45.121	18.851	63.972	1.828	13.0	87	1.5	14	09
14/04/24 04:35	42.955	18.751	61.706	1.771	13.1	87	1.3	10	12
14/04/24 04:40	39.408	20.243	59.651	1.743	13.1	87	1.4	18	09
14/04/24 04:45	36.554	19.630	56.184	1.716	13.2	87	1.2	36	11
14/04/24 04:50	26.375	19.051	45.427	1.683	13.2	87	1.3	25	12
14/04/24 04:55	23.071	16.473	39.544	1.686	13.3	86	1.5	34	07
14/04/24 05:00	20.778	16.907	37.684	1.724	13.4	86	1.0	37	09
14/04/24 05:05	19.889	17.011	36.900	1.700	13.4	86	0.9	16	15
14/04/24 05:10	20.358	16.635	36.993	1.757	13.5	86	1.1	21	15
14/04/24 05:15	21.650	16.097	37.748	1.769	13.5	86	1.1	21	13
14/04/24 05:20	22.149	15.771	37.921	1.729	13.6	86	0.9	14	20
14/04/24 05:25	21.933	15.688	37.621	1.693	13.6	86	1.2	340	20
14/04/24 05:30	20.887	15.641	36.527	1.651	13.6	86	1.4	3	12
14/04/24 05:35	19.226	15.840	35.067	1.673	13.5	85	2.0	348	10
14/04/24 05:40	16.496	16.939	33.435	1.622	13.5	86	1.4	345	18
14/04/24 05:45	15.095	16.990	32.085	1.601	13.5	86	1.7	2	24
14/04/24 05:50	15.328	16.417	31.744	1.641	13.6	86	2.0	5	11
14/04/24 05:55	15.850	16.104	31.954	1.682	13.6	86	1.9	0	12
14/04/24 06:00	17.389	15.193	32.582	1.611	13.6	86	1.1	341	21
14/04/24 06:05	18.688	14.642	33.330	1.571	13.6	86	1.3	351	19
14/04/24 06:10	19.629	14.496	34.124	1.495	13.6	86	1.3	344	18
14/04/24 06:15	20.251	14.699	34.950	1.544	13.6	86	1.5	346	17
14/04/24 06:20	21.295	14.688	35.983	1.509	13.6	86	1.4	343	17
14/04/24 06:25	21.749	14.735	36.485	1.479	13.6	85	1.8	1	07
14/04/24 06:30	22.056	14.802	36.858	1.514	13.6	85	1.5	357	12
14/04/24 06:35	22.703	14.801	37.504	1.613	13.6	85	1.6	348	18
14/04/24 06:40	22.488	14.983	37.471	1.592	13.6	85	1.5	351	17
14/04/24 06:45	21.363	14.917	36.281	1.544	13.6	85	1.3	343	19
14/04/24 06:50	21.585	14.944	36.529	1.552	13.6	85	2.2	346	13
14/04/24 06:55	26.016	16.251	42.267	1.569	13.6	85	1.7	350	17
14/04/24 07:00	31.467	16.732	48.200	1.585	13.5	85	2.2	357	13
14/04/24 07:05	30.581	16.419	47.000	1.578	13.5	85	2.1	359	12
14/04/24 07:10	30.629	16.023	46.653	1.533	13.7	85	1.5	350	16
14/04/24 07:15	32.406	15.326	47.732	1.614	13.6	85	1.9	354	14
14/04/24 07:20	54.182	14.554	68.736	1.629	13.7	84	2.7	360	07
14/04/24 07:25	70.451	20.031	90.482	1.727	13.6	84	2.5	357	15
14/04/24 07:30	67.630	16.077	83.707	1.774	13.7	84	1.9	0	15
14/04/24 07:35	58.246	17.007	75.254	1.822	13.7	84	1.6	1	10
14/04/24 07:40	49.563	17.551	67.114	1.920	13.8	84	1.3	4	12
14/04/24 07:45	40.608	14.184	54.792	1.897	13.9	84	1.3	6	15
14/04/24 07:50	33.246	15.095	48.341	1.797	14.0	84	1.4	358	13
14/04/24 07:55	26.775	14.185	40.960	1.701	14.0	83	1.4	354	16
14/04/24 08:00	21.943	13.263	35.206	1.666	14.1	83	1.1	355	23
14/04/24 08:05	19.668	13.457	33.126	1.690	14.2	83	1.4	351	18
14/04/24 08:10	17.807	12.426	30.234	1.708	14.3	83	1.2	345	17
14/04/24 08:15	16.803	12.482	29.285	1.773	14.4	82	1.3	352	16
14/04/24 08:20	15.803	12.866	28.668	1.723	14.4	81	1.3	359	17
14/04/24 08:25	14.874	13.172	28.047	1.640	14.6	81	1.1	1	24
14/04/24 08:30	14.638	13.055	27.692	1.751	14.9	80	1.6	3	10
14/04/24 08:35	14.242	12.841	27.083	1.762	15.0	80	1.4	4	13
14/04/24 08:40	14.705	12.732	27.437	1.740	15.0	80	1.3	354	27

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/04/24 08:45	14.986	12.701	27.687	1.678	15.0	80	1.2	354	23
14/04/24 08:50	15.451	12.799	28.250	1.561	15.1	80	1.5	337	20
14/04/24 08:55	15.159	12.544	27.703	1.536	15.3	79	1.5	12	18
14/04/24 09:00	14.972	12.201	27.173	1.496	15.3	79	1.3	341	15
14/04/24 09:05	16.978	12.786	29.763	1.446	15.3	79	1.1	331	16
14/04/24 09:10	28.554	13.213	41.767	1.593	15.5	79	1.4	340	12
14/04/24 09:15	26.941	13.266	40.207	1.654	15.6	77	1.1	340	22
14/04/24 09:20	26.491	13.612	40.102	1.768	15.8	77	0.6	328	58
14/04/24 09:25	32.234	11.390	43.624	1.870	16.0	76	1.1	324	25
14/04/24 09:30	18.213	10.871	29.084	1.833	16.0	74	0.6	295	33
14/04/24 09:35	15.652	12.171	27.823	1.936	16.4	73	1.1	289	25
14/04/24 09:40	16.474	12.494	28.968	2.005	16.4	72	0.8	256	18
14/04/24 09:45	15.892	12.173	28.065	2.089	16.6	72	1.5	256	15
14/04/24 09:50	15.242	12.051	27.293	2.087	16.7	72	1.0	238	15
14/04/24 09:55	14.731	12.102	26.833	2.171	16.8	71	1.2	242	11
14/04/24 10:00	14.113	11.980	26.093	2.134	16.9	71	1.5	245	16
14/04/24 10:05	13.289	12.125	25.415	2.056	16.8	72	0.8	238	33
14/04/24 10:10	12.862	12.293	25.155	1.886	17.2	70	0.5	218	46
14/04/24 10:15	12.602	12.299	24.901	1.804	17.8	68	0.7	208	40
14/04/24 10:20	12.759	12.303	25.061	1.943	17.5	69	0.7	212	12
14/04/24 10:25	13.086	12.459	25.545	2.044	17.6	68	0.7	206	13
14/04/24 10:30	12.706	12.731	25.437	2.142	17.8	67	0.9	179	28
14/04/24 10:35	12.333	12.903	25.237	2.073	18.0	68	1.2	157	17
14/04/24 10:40	11.781	13.063	24.843	2.028	17.8	69	0.9	159	23
14/04/24 10:45	11.176	13.072	24.247	1.971	17.7	69	1.3	141	16
14/04/24 10:50	10.572	13.124	23.696	1.887	17.4	70	1.3	132	15
14/04/24 10:55	10.067	12.900	22.967	1.820	17.3	71	1.4	129	14
14/04/24 11:00	9.308	12.337	21.645	1.764	17.4	72	1.2	120	16
14/04/24 11:05	8.269	11.438	19.707	1.705	17.5	71	1.6	191	19
14/04/24 11:10	6.645	5.759	12.404	1.643	17.4	72	1.5	181	14
14/04/24 11:15	3.333	3.045	6.377	1.640	17.6	72	1.4	185	18
14/04/24 11:20	2.479	4.401	6.881	1.654	17.7	70	1.4	178	16
14/04/24 11:25	0.787	2.823	3.610	1.588	17.8	70	1.0	169	23
14/04/24 11:30	0.671	2.209	2.880	1.574	18.1	69	1.2	164	23
14/04/24 11:35	0.545	1.965	2.509	1.452	18.2	68	1.3	158	23
14/04/24 11:40	0.538	1.903	2.441	1.409	18.4	68	1.1	151	24
14/04/24 11:45	0.617	1.901	2.517	1.415	18.4	67	1.3	137	17
14/04/24 11:50	0.659	1.955	2.615	1.390	18.1	68	1.2	138	20
14/04/24 11:55	0.634	2.075	2.709	1.388	18.0	69	1.3	151	20
14/04/24 12:00	0.660	2.092	2.751	1.394	18.0	70	1.1	145	22
14/04/24 12:05	0.736	2.060	2.795	1.317	17.9	70	1.4	146	19
14/04/24 12:10	0.802	2.024	2.826	1.232	17.8	70	1.3	140	20
14/04/24 12:15	0.644	2.007	2.651	1.175	17.7	71	1.1	140	22
14/04/24 12:20	0.571	2.020	2.592	1.239	17.8	71	1.7	143	10
14/04/24 12:25	0.590	1.950	2.540	1.265	17.7	71	1.4	152	23
14/04/24 12:30	0.504	1.927	2.431	1.244	17.9	71	1.1	170	21
14/04/24 12:35	0.413	1.887	2.300	1.265	18.2	69	1.4	180	17
14/04/24 12:40	0.448	1.942	2.390	1.164	18.3	70	1.9	193	12
14/04/24 12:45	0.421	1.853	2.274	1.058	18.1	69	1.6	183	18
14/04/24 12:50	0.313	1.765	2.077	1.082	18.1	69	1.9	190	13
14/04/24 12:55	0.217	1.577	1.794	1.091	17.9	71	1.9	193	14
14/04/24 13:00	0.221	1.547	1.768	1.053	17.8	71	1.8	194	12
14/04/24 13:05	0.353	1.577	1.930	1.073	17.9	70	1.5	180	15
14/04/24 13:10	0.359	1.543	1.902	1.077	18.1	68	1.4	179	24
14/04/24 13:15	0.372	1.486	1.858	1.109	18.1	68	1.4	186	13
14/04/24 13:20	0.294	1.441	1.735	1.077	18.4	68	1.3	170	25
14/04/24 13:25	0.466	1.517	1.982	1.051	18.4	68	1.9	176	17
14/04/24 13:30	0.427	1.473	1.900	1.128	18.5	67	1.7	182	19
14/04/24 13:35	0.397	1.392	1.789	1.105	18.5	66	1.7	179	14
14/04/24 13:40	0.299	1.422	1.721	1.005	18.6	64	1.4	171	19
14/04/24 13:45	0.269	1.278	1.547	0.966	18.5	63	1.7	158	22
14/04/24 13:50	0.324	1.214	1.538	0.944	18.5	64	1.3	170	23
14/04/24 13:55	0.359	1.191	1.550	1.010	18.4	64	1.2	162	23
14/04/24 14:00	0.453	1.172	1.626	0.935	18.5	64	1.4	169	21
14/04/24 14:05	0.479	1.141	1.620	0.938	18.5	64	1.3	161	27
14/04/24 14:10	0.483	1.083	1.566	0.942	18.5	64	1.5	153	24
14/04/24 14:15	0.506	1.122	1.628	0.905	18.4	66	1.5	176	22
14/04/24 14:20	0.334	1.123	1.457	0.899	18.6	65	1.5	162	26
14/04/24 14:25	0.286	1.122	1.407	0.864	18.6	65	1.8	150	21
14/04/24 14:30	0.196	1.146	1.342	0.810	18.8	64	1.4	155	30
14/04/24 14:35	0.108	1.241	1.349	0.847	19.4	61	2.0	141	13
14/04/24 14:40	0.075	1.251	1.327	0.927	19.0	61	2.0	145	20
14/04/24 14:45	0.085	1.225	1.309	0.942	18.8	63	2.3	133	11
14/04/24 14:50	0.093	1.206	1.300	0.889	18.4	65	2.1	135	14
14/04/24 14:55	0.040	1.220	1.259	0.951	18.4	65	2.2	139	13
14/04/24 15:00	0.053	1.165	1.218	0.987	18.6	63	1.8	137	15
14/04/24 15:05	0.091	1.114	1.205	1.065	19.0	62	1.4	133	21
14/04/24 15:10	0.111	1.181	1.292	1.054	19.2	61	1.7	133	14
14/04/24 15:15	0.174	1.183	1.357	0.995	19.2	61	1.4	129	19
14/04/24 15:20	0.135	1.226	1.361	1.020	18.9	62	1.8	145	18
14/04/24 15:25	0.204	1.144	1.348	0.974	19.3	61	1.6	153	24
14/04/24 15:30	0.188	1.138	1.326	0.825	19.6	60	1.4	157	23
14/04/24 15:35	0.250	1.234	1.484	0.804	20.0	58	1.3	164	27
14/04/24 15:40	0.330	1.306	1.636	0.815	20.3	57	1.3	158	28
14/04/24 15:45	0.322	1.371	1.693	0.824	20.0	58	2.0	146	19
14/04/24 15:50	0.389	1.316	1.705	0.750	20.0	58	1.2	160	31
14/04/24 15:55	0.361	1.273	1.634	0.772	20.2	57	1.2	157	30
14/04/24 16:00	0.348	1.225	1.573	0.790	20.1	57	1.4	151	23
14/04/24 16:05	0.291	1.276	1.567	0.921	19.9	58	1.7	170	21
14/04/24 16:10	0.267	1.281	1.548	0.843	20.1	57	1.5	169	20
14/04/24 16:15	0.247	1.237	1.484	0.809	19.7	59	1.4	163	24
14/04/24 16:20	0.284	1.227	1.510	0.835	19.2	61	1.6	153	27
14/04/24 16:25	0.357	1.203	1.560	0.905	18.9	64	1.4	172	24
14/04/24 16:30	0.410	1.292	1.702	0.948	18.8	64	1.9	173	17
14/04/24 16:35	0.342	1.432	1.775	0.883	18.6	66	1.8	180	20
14/04/24 16:40	0.310	1.516	1.826	0.865	18.6	67	1.9	188	15
14/04/24 16:45	0.292	1.535	1.827	0.822	18.6	66	2.3	191	13
14/04/24 16:50	0.410	1.598	2.008	0.780	18.6	66	1.9	184	16
14/04/24 16:55	0.364	1.545	1.909	0.814	18.7	65	2.4	187	14
14/04/24 17:00	0.322	1.493	1.815	0.836	18.9	63	2.4	194	11
14/04/24 17:05	0.274	1.398	1.672	0.816	19.1	64	2.8	197	12
14/04/24 17:10	0.134	1.347	1.481	0.819	19.1	63	2.3	192	13
14/04/24 17:15	0.211	1.226	1.437	0.720	19.1	60	1.7	187	16
14/04/24 17:20	0.213	1.150	1.363	0.678	19.2	60	1.6	189	14

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/04/24 17:25	0.286	1.234	1.520	0.747	19.3	61	1.8	194	15
14/04/24 17:30	0.205	1.274	1.480	0.707	19.1	61	1.6	180	18
14/04/24 17:35	0.186	1.265	1.451	0.725	18.8	63	1.4	187	14
14/04/24 17:40	0.200	1.157	1.357	0.765	18.5	64	1.3	177	18
14/04/24 17:45	0.124	1.269	1.392	0.791	18.4	65	1.2	187	17
14/04/24 17:50	0.123	1.387	1.509	0.809	18.2	66	1.6	187	14
14/04/24 17:55	0.080	1.796	1.876	0.797	18.2	66	1.3	183	19
14/04/24 18:00	0.180	1.986	2.166	0.753	18.0	66	0.9	157	28
14/04/24 18:05	0.266	1.904	2.170	0.673	17.9	67	1.3	134	17
14/04/24 18:10	0.243	1.843	2.086	0.833	17.9	67	1.0	118	17
14/04/24 18:15	0.111	1.782	1.892	0.798	17.8	69	1.0	106	08
14/04/24 18:20	0.042	1.781	1.823	0.760	17.7	69	1.2	100	13
14/04/24 18:25	-0.008	2.283	2.275	0.759	17.5	69	1.0	82	11
14/04/24 18:30	0.148	5.920	6.068	0.694	17.4	69	1.0	45	08
14/04/24 18:35	0.419	13.614	14.032	0.666	17.3	70	1.2	55	03
14/04/24 18:40	0.591	13.905	14.496	0.608	17.3	70	1.2	58	06
14/04/24 18:45	2.112	14.331	16.443	0.730	17.2	70	1.0	59	07
14/04/24 18:50	2.043	15.136	17.179	0.867	17.3	70	1.1	69	08
14/04/24 18:55	2.403	18.335	20.738	0.973	17.3	70	1.0	80	07
14/04/24 19:00	2.733	18.524	21.257	0.977	17.3	70	1.1	76	06
14/04/24 19:05	2.476	17.409	19.885	0.860	17.4	69	1.0	69	10
14/04/24 19:10	2.084	16.029	18.113	0.880	17.4	69	0.8	61	12
14/04/24 19:15	1.857	16.344	18.202	1.004	17.5	68	0.9	67	09
14/04/24 19:20	1.646	17.203	18.849	0.906	17.5	69	0.9	77	10
14/04/24 19:25	1.637	16.780	18.417	0.834	17.6	68	1.2	91	13
14/04/24 19:30	1.218	13.840	15.058	0.788	17.7	67	1.2	91	09
14/04/24 19:35	1.078	11.441	12.520	0.845	17.7	67	1.3	86	10
14/04/24 19:40	0.862	10.309	11.171	0.854	17.8	66	1.2	82	12
14/04/24 19:45	0.619	10.077	10.696	0.746	17.8	66	0.6	52	25
14/04/24 19:50	0.800	11.117	11.917	0.699	17.8	66	1.2	56	10
14/04/24 19:55	0.900	11.976	12.876	0.703	17.8	66	1.2	68	11
14/04/24 20:00	0.812	11.866	12.678	0.776	17.8	66	0.7	57	20
14/04/24 20:05	0.657	11.328	11.985	0.682	17.8	66	1.1	76	13
14/04/24 20:10	0.531	10.873	11.404	0.676	17.7	66	1.2	80	10
14/04/24 20:15	0.451	10.805	11.257	0.749	17.7	66	1.5	76	12
14/04/24 20:20	0.452	11.226	11.678	0.781	17.8	66	1.5	71	16
14/04/24 20:25	0.497	10.866	11.363	0.730	17.7	66	2.0	72	08
14/04/24 20:30	0.463	10.697	11.160	0.742	17.7	66	1.8	71	09
14/04/24 20:35	0.384	10.931	11.315	0.755	17.7	67	1.0	63	14
14/04/24 20:40	0.385	11.904	12.289	0.879	17.7	67	1.3	52	08
14/04/24 20:45	0.559	13.746	14.305	0.858	17.6	67	1.4	50	07
14/04/24 20:50	0.733	15.990	16.723	0.859	17.5	68	1.0	49	09
14/04/24 20:55	0.963	19.875	20.838	0.823	17.6	68	1.0	53	07
14/04/24 21:00	1.337	21.643	22.980	0.870	17.6	68	1.0	69	13
14/04/24 21:05	2.618	22.558	25.176	0.831	17.5	68	1.6	54	10
14/04/24 21:10	4.028	23.637	27.665	0.877	17.5	68	1.4	56	13
14/04/24 21:15	4.302	23.317	27.619	0.821	17.5	68	1.2	52	13
14/04/24 21:20	4.174	23.070	27.244	0.776	17.5	67	1.2	62	14
14/04/24 21:25	3.414	22.708	26.122	0.770	17.4	67	1.2	65	13
14/04/24 21:30	2.675	22.360	25.035	0.856	17.5	67	1.1	69	16
14/04/24 21:35	1.466	21.242	22.708	0.941	17.5	67	1.3	60	17
14/04/24 21:40	1.324	19.003	20.327	1.006	17.4	67	1.1	50	10
14/04/24 21:45	1.299	19.009	20.307	0.960	17.4	67	0.8	30	19
14/04/24 21:50	1.559	19.642	21.201	0.958	17.4	68	1.0	45	08
14/04/24 21:55	1.983	20.137	22.120	0.921	17.4	68	0.6	14	23
14/04/24 22:00	2.263	20.614	22.877	0.850	17.3	69	0.7	344	14
14/04/24 22:05	2.515	21.109	23.625	0.878	17.3	69	0.8	11	18
14/04/24 22:10	3.756	21.611	25.368	0.878	17.3	69	0.9	322	30
14/04/24 22:15	9.380	22.574	31.953	0.848	17.3	69	1.4	307	10
14/04/24 22:20	24.802	24.414	49.215	0.913	17.3	69	0.8	333	21
14/04/24 22:25	25.270	23.646	48.915	0.982	17.2	69	1.3	318	22
14/04/24 22:30	23.925	23.450	47.375	0.990	17.3	70	1.2	327	21
14/04/24 22:35	18.507	23.759	42.266	0.999	17.2	69	1.0	335	32
14/04/24 22:40	13.851	23.977	37.829	1.021	17.2	69	1.1	333	25
14/04/24 22:45	12.437	22.949	35.386	1.087	17.1	69	1.1	353	36
14/04/24 22:50	11.199	22.860	34.059	1.007	17.0	69	1.5	0	18
14/04/24 22:55	11.096	23.024	34.120	1.103	16.9	70	1.0	347	32
14/04/24 23:00	15.256	21.996	37.252	1.125	16.7	71	1.4	350	24
14/04/24 23:05	20.157	21.943	42.100	1.097	16.7	71	1.5	355	18
14/04/24 23:10	20.881	22.393	43.274	1.080	16.5	72	1.5	5	19
14/04/24 23:15	15.488	21.821	37.309	1.038	16.4	72	1.3	9	24
14/04/24 23:20	7.240	21.012	28.252	0.986	16.3	72	1.4	4	16
14/04/24 23:25	5.633	21.503	27.136	0.972	16.3	73	1.0	34	21
14/04/24 23:30	6.389	21.388	27.778	0.949	16.2	73	1.2	25	14
14/04/24 23:35	6.503	21.499	28.002	0.967	16.1	73	0.8	20	22
14/04/24 23:40	6.524	21.351	27.875	1.007	16.1	74	1.1	29	22
14/04/24 23:45	6.483	21.306	27.789	1.002	16.0	74	1.2	21	22
14/04/24 23:50	6.377	21.170	27.547		16.0	74	1.3	16	19
14/04/24 23:55	6.278	21.239	27.516		16.0	73	1.7	7	15
15/04/24 00:00	6.107	21.285	27.392	1.034	15.9	74	1.5	8	15
15/04/24 00:05	5.724	21.312	27.036	1.086	15.9	74	1.7	1	16
15/04/24 00:10	5.018	21.191	26.209	1.158	16.0	73	1.6	2	20
15/04/24 00:15	4.437	21.113	25.550	1.129	16.1	74	1.1	330	25
15/04/24 00:20	4.174	21.030	25.204	1.136	16.1	75	1.1	298	15
15/04/24 00:25	4.447	21.091	25.538	1.201	16.1	74	1.0	307	12
15/04/24 00:30	5.125	21.181	26.306	1.138	16.0	75	1.0	321	18
15/04/24 00:35	5.976	21.330	27.306	1.023	15.8	75	1.2	313	22
15/04/24 00:40	6.898	21.588	28.486	1.008	15.9	75	1.1	316	19
15/04/24 00:45	10.191	20.918	31.109	1.056	15.8	76	1.3	329	20
15/04/24 00:50	21.415	19.688	41.103	1.082	15.6	76	0.9	333	23
15/04/24 00:55	22.382	21.421	43.803	1.181	15.4	76	1.1	349	26
15/04/24 01:00	22.491	21.628	44.119	1.328	15.3	77	0.9	12	18
15/04/24 01:05					15.1	78	1.0	7	12
15/04/24 01:10					14.9	79	1.1	8	10
15/04/24 01:15					14.7	80	1.4	2	10
15/04/24 01:20					14.7	80	0.7	28	23
15/04/24 01:25					14.5	81	0.8	14	11
15/04/24 01:30					14.3	81	0.8	39	12
15/04/24 01:35					14.2	82	0.6	37	10
15/04/24 01:40					14.2	82	0.7	40	09
15/04/24 01:45					14.1	83	0.9	27	10
15/04/24 01:50					14.0	83	1.1	5	11
15/04/24 01:55					14.1	83	1.1	1	13
15/04/24 02:00					13.9	83	1.0	4	16

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/04/24 02:05	17.350	19.483	36.834	1.374	13.8	84	1.2	357	14
15/04/24 02:10	17.156	19.086	36.241	1.266	13.8	84	1.0	358	14
15/04/24 02:15	17.351	19.011	36.362	1.299	13.7	85	1.0	2	14
15/04/24 02:20	18.142	19.102	37.244	1.358	13.7	85	1.0	339	20
15/04/24 02:25	18.580	19.132	37.712	1.315	13.9	84	1.2	331	20
15/04/24 02:30	18.417	19.370	37.787	1.356	14.0	83	1.1	333	19
15/04/24 02:35	18.421	19.364	37.785	1.302	14.0	83	1.1	331	18
15/04/24 02:40	19.329	19.375	38.703	1.348	14.0	83	1.2	332	16
15/04/24 02:45	27.052	14.245	41.298	1.354	14.0	83	1.0	313	23
15/04/24 02:50	52.868	13.923	66.791	1.372	13.9	84	1.0	302	13
15/04/24 02:55	45.032	20.583	65.614	1.328	13.9	85	0.9	296	14
15/04/24 03:00	27.434	20.837	48.271	1.313	14.0	85	0.9	287	16
15/04/24 03:05	28.194	19.500	47.695	1.280	14.0	85	1.1	304	08
15/04/24 03:10	28.824	19.309	48.133	1.309	13.8	84	1.0	308	11
15/04/24 03:15	28.184	18.784	46.968	1.308	13.6	84	1.3	325	15
15/04/24 03:20	27.800	18.508	46.308	1.389	13.5	85	1.2	348	15
15/04/24 03:25	26.889	18.214	45.103	1.490	13.3	85	1.0	330	19
15/04/24 03:30	25.561	17.651	43.213	1.399	13.3	86	1.1	334	26
15/04/24 03:35	24.724	17.292	42.016	1.438	13.3	86	1.4	336	14
15/04/24 03:40	23.489	17.103	40.591	1.495	13.3	86	1.5	347	17
15/04/24 03:45	22.529	16.308	38.837	1.556	13.3	85	1.2	345	14
15/04/24 03:50	22.626	16.259	38.885	1.475	13.2	86	1.6	337	14
15/04/24 03:55	24.759	15.952	40.710	1.484	13.2	86	1.1	324	18
15/04/24 04:00	32.784	16.853	49.637	1.500	13.3	86	1.3	347	16
15/04/24 04:05	53.083	18.542	71.625	1.569	13.1	86	1.4	341	15
15/04/24 04:10	57.157	17.661	74.817	1.503	13.0	86	1.1	350	24
15/04/24 04:15	54.887	18.066	72.953	1.524	12.9	86	1.0	345	18
15/04/24 04:20	53.329	17.886	71.216	1.608	12.9	87	1.3	355	19
15/04/24 04:25	54.616	17.490	72.106	1.703	12.7	87	1.9	4	08
15/04/24 04:30	54.703	17.557	72.261	1.706	12.5	88	2.3	4	04
15/04/24 04:35	57.391	15.859	73.250	1.631	12.4	88	1.7	357	12
15/04/24 04:40	60.255	14.710	74.965	1.665	12.5	88	1.8	2	17
15/04/24 04:45	60.077	15.515	75.593	1.661	12.6	87	1.3	352	19
15/04/24 04:50	60.650	15.564	76.214	1.755	12.6	87	1.3	345	18
15/04/24 04:55	60.538	16.021	76.558	1.872	12.5	87	1.9	357	15
15/04/24 05:00	60.383	16.228	76.611	1.938	12.4	87	2.2	359	09
15/04/24 05:05	58.108	16.019	74.127	1.973	12.3	87	2.2	2	09
15/04/24 05:10	52.041	16.893	68.934	1.951	12.3	87	2.3	1	07
15/04/24 05:15	49.987	15.905	65.892	1.802	12.1	87	2.1	0	09
15/04/24 05:20	50.655	15.884	66.538	1.851	12.2	87	1.8	358	16
15/04/24 05:25	50.725	15.878	66.603	1.882	12.2	87	2.2	358	11
15/04/24 05:30	48.637	16.191	64.827	1.919	12.1	87	2.2	4	08
15/04/24 05:35	48.273	15.783	64.056	1.879	11.9	87	2.4	358	11
15/04/24 05:40	50.313	14.788	65.101	1.906	12.0	87	2.0	1	23
15/04/24 05:45	52.774	13.665	66.438	1.970	12.0	87	1.5	353	20
15/04/24 05:50	57.488	11.401	68.889	1.994	12.0	86	1.9	359	15
15/04/24 05:55	61.432	10.686	72.118	2.074	12.0	86	2.1	356	16
15/04/24 06:00	62.557	13.009	75.566	2.153	12.0	86	1.7	350	20
15/04/24 06:05	64.581	14.036	78.617	2.213	12.0	86	2.2	359	16
15/04/24 06:10	81.734	17.185	98.919	2.360	12.0	86	1.5	350	23
15/04/24 06:15	100.602	15.699	116.300	2.529	12.0	86	1.5	355	19
15/04/24 06:20	96.664	14.812	111.476	2.544	12.0	87	1.7	350	21
15/04/24 06:25	96.733	17.207	113.940	2.509	11.9	86	2.0	360	12
15/04/24 06:30	97.064	17.513	114.577	2.540	11.9	87	2.1	2	10
15/04/24 06:35	98.781	17.701	116.482	2.659	11.9	88	2.2	1	08
15/04/24 06:40	103.005	19.164	122.168	2.801	11.9	87	2.2	356	19
15/04/24 06:45	112.313	21.053	133.366	2.924	11.9	87	2.3	355	15
15/04/24 06:50	113.452	20.391	133.842	2.933	11.9	87	2.2	356	12
15/04/24 06:55	114.251	20.191	134.442	2.985	11.8	87	2.3	359	12
15/04/24 07:00	116.187	21.384	137.571	3.015	11.8	87	2.5	1	11
15/04/24 07:05	117.679	21.168	138.847	3.132	11.7	87	2.4	0	08
15/04/24 07:10	119.033	21.512	140.545	3.095	11.7	87	2.2	357	09
15/04/24 07:15	118.440	20.470	138.910	3.067	11.7	87	2.1	359	13
15/04/24 07:20	113.169	21.768	134.937	3.086	11.9	86	1.9	360	17
15/04/24 07:25	109.980	21.090	131.070	3.142	12.0	85	1.4	353	15
15/04/24 07:30	109.588	19.721	129.309	3.267	12.1	84	2.1	1	12
15/04/24 07:35	110.055	19.576	129.631	3.534	12.2	83	2.1	2	12
15/04/24 07:40	110.853	19.874	130.727	3.629	12.4	83	2.0	4	16
15/04/24 07:45	109.970	20.115	130.085	3.682	12.5	82	1.7	9	19
15/04/24 07:50	109.126	20.450	129.576	3.732	12.7	81	2.0	347	19
15/04/24 07:55	103.651	19.798	123.449	3.721	12.9	80	1.8	340	22
15/04/24 08:00	83.366	18.747	102.113	3.724	12.9	80	1.7	346	22
15/04/24 08:05	87.617	21.540	109.157	3.803	13.0	79	1.8	342	20
15/04/24 08:10	98.803	23.098	121.901	3.887	13.3	78	1.6	344	22
15/04/24 08:15	102.031	21.468	123.499	3.891	13.5	77	1.7	347	22
15/04/24 08:20	100.788	21.469	122.257	3.977	13.4	77	1.7	341	19
15/04/24 08:25	100.191	21.095	121.286	4.094	13.6	77	1.9	339	13
15/04/24 08:30	99.639	21.145	120.784	4.036	13.8	76	1.6	328	18
15/04/24 08:35	97.979	21.223	119.203	3.988	14.0	76	1.5	314	19
15/04/24 08:40	93.228	21.156	114.385	4.003	14.2	75	1.7	335	19
15/04/24 08:45	83.957	23.373	107.330	4.030	14.5	73	1.5	325	25
15/04/24 08:50	82.193	23.370	105.563	4.050	14.5	73	1.6	327	23
15/04/24 08:55	87.441	22.205	109.646	4.113	14.8	73	1.5	344	17
15/04/24 09:00	86.660	24.694	111.354	4.154	15.0	71	1.6	332	19
15/04/24 09:05	79.960	27.227	107.186	4.107	15.1	71	1.8	307	10
15/04/24 09:10	68.669	22.789	91.458	4.043	15.3	72	1.5	306	18
15/04/24 09:15	66.107	21.477	87.584	4.018	15.5	70	1.4	306	21
15/04/24 09:20	56.242	22.690	78.932	3.974	15.7	70	1.1	289	24
15/04/24 09:25	48.595	21.199	69.794	3.913	16.1	69	1.3	278	18
15/04/24 09:30	43.773	20.086	63.860	3.817	16.2	69	1.8	265	09
15/04/24 09:35	41.520	20.217	61.737	3.654	16.3	69	1.6	272	08
15/04/24 09:40	42.550	20.486	63.036	3.604	16.3	69	1.4	276	15
15/04/24 09:45	42.525	21.073	63.598	3.578	16.5	68	1.1	312	17
15/04/24 09:50	43.113	21.330	64.442	3.687	16.7	67	1.1	267	20
15/04/24 09:55	46.229	22.131	68.360	3.945	16.9	67	1.2	295	22
15/04/24 10:00	53.616	22.310	75.926	4.115	17.0	67	1.1	279	23
15/04/24 10:05	52.071	22.936	75.007	4.349	17.1	67	1.5	278	23
15/04/24 10:10	42.756	29.884	72.640	4.432	17.2	67	1.9	288	27
15/04/24 10:15	29.327	17.455	46.782	4.330	17.4	65	1.7	297	21
15/04/24 10:20	21.647	19.487	41.133	4.176	17.5	65	1.5	296	25
15/04/24 10:25	18.562	17.828	36.390	3.979	17.9	64	0.7	299	33
15/04/24 10:30	16.251	16.858	33.109	3.751	18.0	63	1.8	296	15
15/04/24 10:35	16.621	17.226	33.847	3.667	18.1	63	1.4	300	24
15/04/24 10:40	16.405	17.236	33.641	3.374	18.1	63	1.1	297	35

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/04/24 10:45	16.036	16.868	32.903	3.208	18.3	63	1.5	242	15
15/04/24 10:50	15.671	16.701	32.372	3.049	18.4	63	1.5	228	16
15/04/24 10:55	15.797	16.713	32.510	2.960	18.3	62	1.3	212	06
15/04/24 11:00	18.366	15.289	33.655	2.746	18.6	62	1.1	195	13
15/04/24 11:05	17.649	21.221	38.870	2.575	19.1	64	2.0	184	14
15/04/24 11:10	23.252	19.813	43.065	2.527	19.5	63	2.0	179	18
15/04/24 11:15	10.184	12.312	22.496	2.450	19.1	64	2.0	183	12
15/04/24 11:20	14.334	11.779	26.114	2.398	18.6	67	1.7	182	17
15/04/24 11:25	18.996	16.936	35.933	2.396	18.8	67	1.9	180	16
15/04/24 11:30	15.643	12.803	28.447	2.453	19.0	66	1.9	174	20
15/04/24 11:35	15.098	14.835	29.933	2.359	18.6	68	2.1	185	15
15/04/24 11:40	11.327	8.430	19.757	2.345	18.7	68	1.7	174	19
15/04/24 11:45	6.569	7.442	14.011	2.171	18.9	66	1.9	172	21
15/04/24 11:50	5.082	7.073	12.155	2.029	18.9	66	1.5	167	22
15/04/24 11:55	4.807	6.338	11.145	1.986	18.8	67	1.9	134	14
15/04/24 12:00	4.690	6.224	10.914	1.956	18.9	66	1.5	135	20
15/04/24 12:05	4.275	6.174	10.449	1.998	19.2	66	1.6	139	17
15/04/24 12:10	4.151	5.983	10.134	2.035	19.1	65	2.0	140	15
15/04/24 12:15	3.979	5.906	9.885	2.002	19.1	66	1.2	157	31
15/04/24 12:20	3.915	5.726	9.642	1.865	19.5	64	1.4	157	26
15/04/24 12:25	3.738	5.480	9.217	1.680	19.8	64	1.4	151	26
15/04/24 12:30	3.485	5.375	8.860	1.692	19.6	65	1.3	145	25
15/04/24 12:35	3.251	5.191	8.442	1.653	19.5	65	1.5	139	16
15/04/24 12:40	3.185	5.079	8.264	1.601	19.7	66	1.4	127	21
15/04/24 12:45	4.280	9.429	13.709	1.617	19.7	65	1.5	141	17
15/04/24 12:50	7.204	16.426	23.630	1.585	19.7	66	1.5	149	22
15/04/24 12:55	13.815	15.342	29.157	1.644	20.0	65	1.6	168	18
15/04/24 13:00	15.142	11.983	27.125	1.566	20.1	66	1.8	173	19
15/04/24 13:05	9.943	7.738	17.681	1.504	20.2	65	1.8	185	15
15/04/24 13:10	12.225	8.874	21.099	1.486	20.2	64	1.8	180	15
15/04/24 13:15	5.590	5.724	11.314	1.593	20.1	64	2.3	175	15
15/04/24 13:20	2.476	4.272	6.748	1.602	20.1	63	1.7	173	19
15/04/24 13:25	2.658	4.214	6.872	1.605	20.3	63	1.5	172	21
15/04/24 13:30	2.291	3.895	6.186	1.530	20.3	62	2.1	165	17
15/04/24 13:35	1.481	3.840	5.320	1.460	20.2	63	1.6	166	23
15/04/24 13:40	1.382	3.540	4.922	1.383	20.4	61	1.5	167	24
15/04/24 13:45	1.197	3.302	4.498	1.374	20.6	61	1.5	169	20
15/04/24 13:50	1.165	3.168	4.333	1.251	20.8	58	1.4	162	27
15/04/24 13:55	0.956	2.827	3.783	1.151	21.0	58	1.6	165	23
15/04/24 14:00	0.796	2.607	3.403	1.117	21.1	58	1.3	160	26
15/04/24 14:05	1.257	2.855	4.112	1.158	21.2	59	1.5	161	22
15/04/24 14:10	1.610	5.796	7.406	1.235	21.0	58	1.7	161	22
15/04/24 14:15	4.157	10.893	15.050	1.215	21.0	58	1.2	167	30
15/04/24 14:20	2.270	1.892	4.162	1.238	21.1	58	1.3	154	28
15/04/24 14:25	0.468	1.764	2.232	1.131	20.8	58	1.5	146	22
15/04/24 14:30	1.013	2.613	3.625	1.088	20.7	60	1.3	149	28
15/04/24 14:35	0.883	1.944	2.826	1.091	20.6	60	2.1	141	17
15/04/24 14:40	0.265	2.016	2.281	1.121	20.1	62	2.0	143	13
15/04/24 14:45	0.143	2.019	2.161	1.096	20.1	63	1.7	139	18
15/04/24 14:50	0.095	1.976	2.071	1.053	20.2	62	1.7	141	22
15/04/24 14:55	0.301	1.934	2.236	0.991	20.4	61	1.8	145	18
15/04/24 15:00	0.520	2.091	2.611	0.981	20.3	61	2.0	140	11
15/04/24 15:05	1.012	2.413	3.425	0.998	20.3	62	1.9	141	16
15/04/24 15:10	0.720	2.741	3.461	1.054	20.2	62	1.7	138	18
15/04/24 15:15	0.321	2.803	3.123	1.077	20.3	62	1.5	140	19
15/04/24 15:20	0.512	2.745	3.257	0.898	20.6	61	1.3	151	23
15/04/24 15:25	0.498	2.907	3.405	0.836	20.7	61	1.5	142	18
15/04/24 15:30	0.425	2.819	3.244	0.861	20.8	61	1.2	159	27
15/04/24 15:35	0.412	2.613	3.025	0.864	21.3	59	1.1	171	27
15/04/24 15:40	0.425	2.434	2.859	0.918	21.5	58	0.9	158	37
15/04/24 15:45	0.634	2.474	3.107	0.991	21.4	59	1.3	144	20
15/04/24 15:50	1.805	4.417	6.222	1.073	21.0	60	1.5	142	17
15/04/24 15:55	2.236	5.075	7.312	1.076	21.1	59	1.0	171	30
15/04/24 16:00	1.945	3.538	5.483	1.064	21.1	58	1.0	164	35
15/04/24 16:05	2.409	5.769	8.177	1.118	20.6	61	1.8	142	20
15/04/24 16:10	2.512	4.621	7.132	1.107	19.9	63	1.6	144	20
15/04/24 16:15	2.071	1.652	3.723	1.124	19.9	64	1.2	129	20
15/04/24 16:20	1.785	1.448	3.232	1.050	19.6	66	1.3	131	16
15/04/24 16:25	1.404	1.590	2.994	0.997	19.2	67	1.5	145	16
15/04/24 16:30	1.035	1.739	2.775	0.935	19.1	68	1.4	144	20
15/04/24 16:35	0.833	1.867	2.700	0.838	19.1	68	1.2	162	26
15/04/24 16:40	0.587	1.649	2.236	0.808	19.1	68	1.0	156	31
15/04/24 16:45	0.440	1.446	1.886	0.860	19.1	69	1.3	157	29
15/04/24 16:50	0.295	1.297	1.592	0.875	19.1	70	1.6	172	26
15/04/24 16:55	0.256	1.180	1.436	0.891	19.2	71	1.5	172	28
15/04/24 17:00	0.092	1.186	1.278	0.871	19.2	70	1.8	167	24
15/04/24 17:05	0.159	1.119	1.277	0.912	19.5	69	1.6	173	25
15/04/24 17:10	0.186	1.047	1.233	1.009	19.5	68	1.4	165	31
15/04/24 17:15	0.106	1.056	1.163	1.109	19.6	69	2.0	171	22
15/04/24 17:20	0.115	1.042	1.157	1.141	19.6	69	1.7	164	29
15/04/24 17:25	0.056	1.043	1.099	1.067	19.3	70	2.2	150	23
15/04/24 17:30	-0.019	1.069	1.050	0.925	19.0	72	1.4	160	33
15/04/24 17:35	-0.049	0.976	0.926	0.754	18.9	71	1.9	156	30
15/04/24 17:40	0.054	0.901	0.956	0.702	18.7	72	2.0	170	25
15/04/24 17:45	-0.021	0.929	0.908	0.618	18.6	73	1.7	166	28
15/04/24 17:50	-0.081	0.924	0.843	0.643	18.4	73	1.8	170	29
15/04/24 17:55	-0.167	0.879	0.712	0.677	18.4	74	1.8	167	26
15/04/24 18:00	-0.141	0.857	0.716	0.639	18.2	76	1.8	167	26
15/04/24 18:05	-0.175	0.865	0.689	0.615	18.3	80	2.4	183	20
15/04/24 18:10	-0.155	0.844	0.689	0.580	18.2	81	2.6	182	16
15/04/24 18:15	-0.099	0.812	0.713	0.693	18.2	80	3.9	188	11
15/04/24 18:20	-0.081	0.839	0.759	0.715	18.2	80	3.3	186	14
15/04/24 18:25	-0.034	0.957	0.923	0.538	18.1	80	3.7	189	10
15/04/24 18:30	-0.097	1.241	1.144	0.487	17.9	80	3.5	188	10
15/04/24 18:35	-0.106	1.559	1.453	0.486	17.9	79	3.3	187	11
15/04/24 18:40	-0.014	1.591	1.577	0.458	17.9	79	3.7	184	11
15/04/24 18:45	0.117	1.688	1.805	0.506	18.0	79	3.7	186	10
15/04/24 18:50	0.084	1.498	1.582	0.587	17.9	79	3.7	188	12
15/04/24 18:55	0.057	1.302	1.360	0.587	17.9	79	3.8	185	11
15/04/24 19:00	0.072	1.154	1.225	0.565	17.9	80	3.2	187	11
15/04/24 19:05	0.102	1.364	1.465	0.513	17.9	80	2.7	184	17
15/04/24 19:10	0.100	1.484	1.584	0.428	18.0	80	3.0	182	12
15/04/24 19:15	0.098	1.392	1.490	0.426	17.9	78	2.9	184	13
15/04/24 19:20	0.130	1.202	1.332	0.391	17.9	80	2.8	183	17

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/04/24 19:25	0.106	1.272	1.378	0.472	17.9	79	2.9	186	16
15/04/24 19:30	0.008	1.125	1.133	0.477	17.9	79	2.6	177	17
15/04/24 19:35	-0.023	1.278	1.256	0.481	17.9	80	2.4	180	21
15/04/24 19:40	-0.090	1.571	1.481	0.464	18.0	79	2.8	186	14
15/04/24 19:45	-0.165	2.025	1.860	0.438	17.9	78	3.3	185	13
15/04/24 19:50	-0.195	2.320	2.125	0.450	18.0	78	3.5	187	10
15/04/24 19:55	-0.133	2.472	2.340	0.485	17.9	80	3.5	190	12
15/04/24 20:00	-0.194	2.406	2.213	0.577	17.8	81	3.5	193	09
15/04/24 20:05	-0.137	1.988	1.851	0.693	17.7	81	3.3	192	11
15/04/24 20:10	0.095	1.779	1.874	0.722	17.7	81	3.4	187	10
15/04/24 20:15	0.075	1.847	1.921	0.656	17.7	80	3.5	186	11
15/04/24 20:20	0.091	1.803	1.895	0.640	17.7	80	3.3	188	11
15/04/24 20:25	0.137	1.577	1.714	0.620	17.7	80	3.2	188	13
15/04/24 20:30	0.105	1.411	1.516	0.589	17.7	81	2.7	186	13
15/04/24 20:35	0.159	1.225	1.384	0.558	17.8	78	2.5	183	12
15/04/24 20:40	0.156	0.990	1.146	0.608	17.8	79	2.6	187	13
15/04/24 20:45	0.011	0.916	0.927	0.531	17.8	79	2.7	185	12
15/04/24 20:50	-0.024	0.858	0.834	0.549	17.8	78	2.7	185	14
15/04/24 20:55	-0.068	0.747	0.680	0.639	17.8	78	2.6	182	15
15/04/24 21:00	0.020	0.682	0.702	0.614	17.8	79	2.4	185	14
15/04/24 21:05	0.082	0.591	0.673	0.652	17.8	78	2.5	186	14
15/04/24 21:10	0.076	0.575	0.651	0.701	17.8	78	2.7	186	13
15/04/24 21:15	-0.039	0.532	0.493	0.636	17.8	77	2.6	185	15
15/04/24 21:20	0.015	0.539	0.554	0.638	17.8	77	2.4	187	13
15/04/24 21:25	-0.005	0.601	0.596	0.660	17.9	76	2.3	184	14
15/04/24 21:30	0.007	0.588	0.596	0.643	17.9	77	2.4	186	11
15/04/24 21:35	0.058	0.530	0.588	0.587	17.9	76	2.4	188	12
15/04/24 21:40	0.144	0.537	0.682	0.501	17.8	77	1.6	182	16
15/04/24 21:45	0.132	0.601	0.733	0.550	17.8	76	1.0	164	35
15/04/24 21:50	0.082	0.740	0.822	0.575	17.8	76	1.3	152	24
15/04/24 21:55	0.065	0.955	1.020	0.589	17.8	76	1.5	145	23
15/04/24 22:00	0.143	1.249	1.392	0.553	17.8	76	1.9	187	14
15/04/24 22:05	0.193	1.486	1.678	0.533	17.9	76	1.2	170	29
15/04/24 22:10	0.239	1.893	2.132	0.578	17.8	76	1.3	184	21
15/04/24 22:15	0.231	1.645	1.875	0.666	17.8	74	1.5	172	21
15/04/24 22:20	0.158	1.587	1.745	0.673	17.9	76	1.2	113	23
15/04/24 22:25	0.197	2.265	2.461	0.617	17.9	77	1.1	113	20
15/04/24 22:30	0.135	2.824	2.958	0.571	17.8	76	0.8	115	23
15/04/24 22:35	0.164	3.298	3.461	0.647	17.8	77	0.8	149	33
15/04/24 22:40	0.148	3.609	3.757	0.682	17.7	76	1.3	184	24
15/04/24 22:45	0.299	3.977	4.277	0.732	17.8	74	1.5	182	15
15/04/24 22:50	0.346	4.289	4.635	0.835	17.9	72	1.9	188	12
15/04/24 22:55	0.279	3.385	3.664	0.764	17.8	73	1.6	195	13
15/04/24 23:00	0.197	3.576	3.773	0.628	17.9	73	1.5	183	17
15/04/24 23:05	0.330	3.699	4.029	0.651	17.8	73	1.4	192	15
15/04/24 23:10	0.287	4.437	4.724	0.630	17.8	73	1.4	200	11
15/04/24 23:15	0.259	4.850	5.108	0.588	17.8	74	0.8	111	54
15/04/24 23:20	0.243	4.978	5.221	0.645	17.7	74	1.3	62	11
15/04/24 23:25	0.287	5.191	5.478	0.627	17.4	75	1.0	54	10
15/04/24 23:30	0.273	5.454	5.727	0.644	17.4	76	1.0	42	07
15/04/24 23:35	0.392	5.888	6.280	0.603	17.2	76	1.2	44	06
15/04/24 23:40	0.324	6.320	6.644	0.635	17.3	76	1.0	43	06
15/04/24 23:45	0.246	6.577	6.823	0.654	17.1	76	1.1	42	08
15/04/24 23:50	0.161	6.703	6.864		17.1	77	0.7	35	10
15/04/24 23:55	0.148	7.151	7.299		17.1	77	0.7	49	13
16/04/24 00:00	0.113	7.590	7.704	0.671	16.9	77	1.0	65	07
16/04/24 00:05	0.174	7.830	8.004	0.889	17.0	77	1.4	58	09
16/04/24 00:10	0.086	7.948	8.034	1.110	16.9	77	1.3	52	08
16/04/24 00:15	0.083	8.411	8.494	1.303	16.8	78	1.5	43	06
16/04/24 00:20	0.256	9.236	9.492	1.420	16.7	79	1.1	21	12
16/04/24 00:25	0.490	10.479	10.968	1.494	16.6	79	1.5	339	21
16/04/24 00:30	2.431	20.276	22.706	1.574	16.6	80	0.8	328	25
16/04/24 00:35	13.044	21.711	34.755	1.668	16.3	82	1.2	326	19
16/04/24 00:40	22.257	19.780	42.037	1.739	16.3	83	0.9	327	24
16/04/24 00:45	24.211	21.138	45.349	1.749	16.3	83	1.0	339	23
16/04/24 00:50	26.458	20.868	47.326	1.810	16.3	83	0.9	333	34
16/04/24 00:55	27.139	20.842	47.982	1.874	16.2	84	1.1	323	21
16/04/24 01:00	26.998	20.938	47.935	1.876	16.1	84	1.3	316	14
16/04/24 01:05					16.1	85	1.2	320	19
16/04/24 01:10					16.1	85	1.2	317	10
16/04/24 01:15					16.0	85	1.2	313	10
16/04/24 01:20					15.9	86	1.0	306	11
16/04/24 01:25					15.9	86	1.3	314	08
16/04/24 01:30					15.8	86	1.0	331	13
16/04/24 01:35					15.7	86	0.5	326	29
16/04/24 01:40					15.5	87	0.5	327	16
16/04/24 01:45					15.5	87	0.7	322	22
16/04/24 01:50					15.6	87	1.4	315	10
16/04/24 01:55					15.6	86	0.9	337	23
16/04/24 02:00					15.7	86	0.8	340	18
16/04/24 02:05	25.254	20.652	45.906	1.911	15.6	86	0.8	316	19
16/04/24 02:10	22.296	21.920	44.216	1.949	15.6	86	1.2	342	19
16/04/24 02:15	21.481	21.237	42.718	1.932	15.6	86	1.4	357	10
16/04/24 02:20	33.368	16.424	49.791	1.978	15.6	87	1.5	312	12
16/04/24 02:25	33.619	19.742	53.361	1.954	15.5	87	1.0	307	21
16/04/24 02:30	36.317	19.816	56.134	1.965	15.6	86	0.9	335	17
16/04/24 02:35	37.285	19.828	57.113	2.124	15.5	86	1.1	339	14
16/04/24 02:40	35.625	18.884	54.509	2.209	15.5	86	0.8	338	20
16/04/24 02:45	41.815	21.374	63.189	2.227	15.5	86	0.9	335	19
16/04/24 02:50	49.860	19.847	69.707	2.143	15.5	87	1.0	322	16
16/04/24 02:55	51.071	20.526	71.598	2.207	15.4	87	1.1	326	19
16/04/24 03:00	49.577	19.853	69.430	2.396	15.4	87	1.3	318	13
16/04/24 03:05	44.745	19.896	64.641	2.328	15.4	87	1.3	317	09
16/04/24 03:10	38.560	21.742	60.302	2.226	15.2	87	1.2	334	10
16/04/24 03:15	37.835	21.240	59.075	2.218	15.1	88	0.7	327	15
16/04/24 03:20	33.513	20.789	54.301	2.159	15.1	88	1.1	330	10
16/04/24 03:25	29.407	18.471	47.878	2.116	15.0	89	1.2	313	12
16/04/24 03:30	21.304	16.788	38.091	2.098	15.0	89	1.3	297	14
16/04/24 03:35	20.310	18.047	38.357	2.059	15.1	90	1.2	287	19
16/04/24 03:40	22.607	17.478	40.085	2.092	15.1	90	1.1	286	15
16/04/24 03:45	25.323	17.277	42.600	2.147	15.1	90	0.9	291	26
16/04/24 03:50	26.786	16.968	43.754	2.173	15.0	89	0.9	286	17
16/04/24 03:55	28.109	17.200	45.309	2.227	15.0	89	0.8	289	18
16/04/24 04:00	27.262	17.152	44.414	2.211	15.0	89	1.0	294	17

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/04/24 04:05	22.049	17.139	39.188	2.201	15.0	89	0.9	280	25
16/04/24 04:10	10.758	17.123	27.881	2.104	15.1	88	1.2	280	22
16/04/24 04:15	11.259	16.685	27.944	2.155	15.1	88	1.1	289	20
16/04/24 04:20	11.022	17.233	28.255	2.114	15.1	87	1.5	306	12
16/04/24 04:25	11.351	17.192	28.543	2.186	14.8	87	1.0	331	18
16/04/24 04:30	19.843	12.320	32.163	2.138	14.6	88	1.3	346	13
16/04/24 04:35	26.087	16.361	42.448	2.092	14.4	88	1.3	345	23
16/04/24 04:40	27.692	19.213	46.905	2.234	14.4	89	1.3	343	14
16/04/24 04:45	34.216	18.121	52.338	2.255	14.4	89	1.6	1	13
16/04/24 04:50	39.958	17.169	57.127	2.195	14.3	90	1.4	345	14
16/04/24 04:55	45.669	17.434	63.104	2.259	14.3	90	1.8	1	07
16/04/24 05:00	51.044	16.793	67.837	2.358	14.2	90	1.4	351	11
16/04/24 05:05	50.809	17.461	68.270	2.475	14.2	90	1.3	354	15
16/04/24 05:10	51.673	18.443	70.116	2.559	14.1	90	1.2	346	18
16/04/24 05:15	51.475	18.154	69.629	2.567	14.2	90	1.1	347	17
16/04/24 05:20	50.722	17.459	68.181	2.466	14.1	91	1.0	349	25
16/04/24 05:25	49.583	17.246	66.829	2.451	14.1	91	1.6	354	13
16/04/24 05:30	48.093	16.857	64.950	2.424	14.0	91	1.3	343	12
16/04/24 05:35	47.484	16.663	64.147	2.414	13.9	91	1.3	354	21
16/04/24 05:40	48.064	16.431	64.495	2.524	13.8	91	1.4	353	14
16/04/24 05:45	49.837	16.674	66.511	2.576	13.7	91	2.2	4	04
16/04/24 05:50	51.776	16.332	68.108	2.528	13.5	91	2.2	2	04
16/04/24 05:55	54.021	15.772	69.793	2.452	13.6	92	1.3	355	15
16/04/24 06:00	54.334	16.019	70.352	2.415	13.6	92	1.4	357	16
16/04/24 06:05	54.508	16.070	70.578	2.485	13.6	91	1.2	337	21
16/04/24 06:10	54.768	16.378	71.146	2.364	13.7	91	0.9	348	29
16/04/24 06:15	56.030	16.524	72.554	2.441	13.7	91	1.3	356	20
16/04/24 06:20	56.796	17.110	73.906	2.417	13.6	91	1.7	1	11
16/04/24 06:25	55.419	17.255	72.674	2.408	13.5	91	1.5	2	14
16/04/24 06:30	52.716	16.300	69.016	2.389	13.5	91	1.4	4	15
16/04/24 06:35	47.066	12.343	59.409	2.438	13.4	91	1.3	356	18
16/04/24 06:40	43.823	15.886	59.709	2.468	13.4	92	1.1	355	24
16/04/24 06:45	46.107	16.716	62.824	2.414	13.4	91	1.1	347	24
16/04/24 06:50	45.607	16.809	62.416	2.440	13.4	91	1.5	352	15
16/04/24 06:55	44.863	17.062	61.924	2.462	13.4	91	1.2	342	20
16/04/24 07:00	44.420	16.755	61.175	2.554	13.4	91	1.4	356	12
16/04/24 07:05	46.082	17.015	63.097	2.494	13.4	91	1.3	357	14
16/04/24 07:10	50.790	18.630	69.420	2.463	13.4	91	1.3	342	23
16/04/24 07:15	60.770	17.681	78.451	2.541	13.4	91	1.3	338	14
16/04/24 07:20	73.621	18.568	92.189	2.491	13.5	91	1.6	350	15
16/04/24 07:25	72.278	19.046	91.325	2.437	13.5	90	1.1	355	21
16/04/24 07:30	70.551	17.326	87.877	2.426	13.5	90	1.0	354	28
16/04/24 07:35	70.343	17.635	87.979	2.516	13.6	90	1.4	351	19
16/04/24 07:40	70.247	18.007	88.253	2.561	13.7	88	1.2	344	21
16/04/24 07:45	71.168	18.081	89.249	2.598	14.0	87	1.3	359	15
16/04/24 07:50	71.629	18.169	89.798	2.644	14.2	86	0.8	353	31
16/04/24 07:55	73.384	18.127	91.511	2.769	14.4	85	1.0	323	24
16/04/24 08:00	74.565	18.020	92.585	2.960	14.5	84	1.1	343	26
16/04/24 08:05	74.194	17.868	92.062	2.971	14.7	84	0.8	334	36
16/04/24 08:10	71.472	17.746	89.218	3.005	15.0	82	1.5	14	19
16/04/24 08:15	63.283	19.826	83.109	3.124	14.9	82	1.1	316	27
16/04/24 08:20	59.886	17.079	76.964	3.098	14.9	82	1.0	334	37
16/04/24 08:25	60.954	16.891	77.844	3.188	15.4	80	1.0	18	28
16/04/24 08:30	61.658	17.159	78.817	3.236	15.5	79	0.9	289	30
16/04/24 08:35	62.560	17.272	79.832	3.273	15.5	79	0.8	341	42
16/04/24 08:40	60.049	17.222	77.271	3.231	15.5	78	0.6	270	30
16/04/24 08:45	58.951	17.747	76.698	3.217	15.7	77	0.4	256	58
16/04/24 08:50	58.526	17.922	76.448	3.300	15.8	77	0.7	281	22
16/04/24 08:55	53.349	18.820	72.169	3.267	15.6	78	0.9	270	23
16/04/24 09:00	50.576	19.545	70.121	3.204	15.5	79	1.0	275	16
16/04/24 09:05	51.518	18.875	70.393	3.152	15.4	80	0.8	264	26
16/04/24 09:10	51.315	19.326	70.641	3.136	15.3	80	0.8	247	14
16/04/24 09:15	50.055	19.804	69.859	3.232	15.4	80	1.1	271	18
16/04/24 09:20	49.221	19.844	69.064	3.145	15.4	80	1.6	262	11
16/04/24 09:25	49.451	19.906	69.357	3.075	15.4	80	1.2	260	08
16/04/24 09:30	50.830	20.046	70.876	3.105	15.5	80	1.7	259	07
16/04/24 09:35	53.226	20.439	73.665	3.106	15.6	80	1.8	266	08
16/04/24 09:40	56.441	20.915	77.356	3.236	15.7	80	1.5	264	10
16/04/24 09:45	58.801	21.894	80.695	3.372	15.7	80	1.3	257	13
16/04/24 09:50	58.845	21.084	79.929	3.366	15.8	80	0.9	238	20
16/04/24 09:55	54.203	20.797	75.000	3.195	15.9	80	1.2	217	13
16/04/24 10:00	18.963	9.217	28.181	3.072	16.1	79	2.4	219	07
16/04/24 10:05	3.236	7.456	10.692	3.024	16.0	79	2.5	223	10
16/04/24 10:10	4.404	7.450	11.855	2.906	16.0	79	2.3	219	08
16/04/24 10:15	5.148	7.624	12.772	2.858	16.0	79	2.1	221	12
16/04/24 10:20	5.566	7.976	13.542	2.841	16.0	78	2.0	225	10
16/04/24 10:25	5.692	7.914	13.606	2.762	16.0	78	2.3	238	07
16/04/24 10:30	5.880	7.975	13.854	2.610	16.1	79	1.9	212	11
16/04/24 10:35	6.016	8.265	14.281	2.541	16.1	78	1.6	214	13
16/04/24 10:40	5.844	8.533	14.377	2.433	16.1	78	1.8	202	08
16/04/24 10:45	5.832	8.639	14.471	2.391	16.3	78	2.1	204	06
16/04/24 10:50	5.949	8.712	14.661	2.349	16.2	78	2.0	214	08
16/04/24 10:55	5.823	8.546	14.368	2.339	16.2	79	1.9	205	06
16/04/24 11:00	5.682	8.153	13.835	2.354	16.4	78	1.5	203	07
16/04/24 11:05	5.476	7.953	13.429	2.338	16.4	77	1.5	199	08
16/04/24 11:10	5.328	7.738	13.066	2.352	16.7	76	1.4	201	08
16/04/24 11:15	5.100	7.410	12.510	2.330	16.7	75	1.4	205	06
16/04/24 11:20	4.797	7.015	11.812	2.389	16.7	77	1.8	204	06
16/04/24 11:25	4.896	7.448	12.344	2.484	17.0	77	1.5	193	21
16/04/24 11:30	26.421	19.038	45.460	2.533	17.4	75	1.4	170	17
16/04/24 11:35	13.405	11.129	24.534	2.594	17.8	72	0.9	161	22
16/04/24 11:40	12.945	11.005	23.951	2.672	18.0	71	1.0	148	24
16/04/24 11:45	9.471	9.114	18.585	2.641	18.5	70	0.8	158	24
16/04/24 11:50	6.407	5.820	12.227	2.572	18.6	69	1.1	139	21
16/04/24 11:55	6.005	5.332	11.337	2.567	18.4	70	1.1	152	23
16/04/24 12:00	6.472	10.904	17.376	2.499	18.5	70	1.0	153	27
16/04/24 12:05	10.961	9.580	20.541	2.407	18.6	70	1.0	149	23
16/04/24 12:10	13.028	9.790	22.817	2.323	18.5	69	1.2	167	19
16/04/24 12:15	9.479	9.143	18.621	2.359	18.4	70	0.9	169	29
16/04/24 12:20	9.293	7.313	16.605	2.367	18.6	70	0.8	162	30
16/04/24 12:25	9.461	9.466	18.927	2.362	18.7	69	1.4	161	19
16/04/24 12:30	11.088	10.492	21.579	2.448	18.9	69	1.4	178	23
16/04/24 12:35	8.479	6.849	15.328	2.425	19.0	69	1.2	173	25
16/04/24 12:40	5.528	6.283	11.811	2.456	18.9	70	1.7	183	20

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/04/24 12:45	5.331	5.619	10.950	2.526	19.1	68	1.3	164	21
16/04/24 12:50	5.422	5.788	11.209	2.481	19.2	67	1.4	164	23
16/04/24 12:55	3.876	4.772	8.648	2.349	19.2	66	1.8	171	17
16/04/24 13:00	3.259	2.765	6.024	2.311	19.2	67	1.8	174	17
16/04/24 13:05	2.012	2.713	4.724	2.347	19.3	66	1.5	168	21
16/04/24 13:10	1.829	2.618	4.447	2.377	19.4	66	1.6	163	19
16/04/24 13:15	1.431	2.388	3.819	2.383	19.5	66	1.7	167	20
16/04/24 13:20	1.316	2.570	3.886	2.333	19.3	66	2.1	172	13
16/04/24 13:25	1.714	2.905	4.619	2.305	19.4	67	1.7	175	20
16/04/24 13:30	2.102	3.384	5.486	2.220	19.6	67	1.7	174	19
16/04/24 13:35	2.092	3.470	5.562	2.230	19.5	66	1.7	173	17
16/04/24 13:40	1.898	3.216	5.113	2.291	19.6	65	2.0	171	13
16/04/24 13:45	1.660	3.162	4.822	2.199	19.6	66	1.9	166	16
16/04/24 13:50	1.807	3.338	5.145	2.164	19.5	66	1.7	160	19
16/04/24 13:55	1.632	2.998	4.629	2.164	19.7	66	1.8	172	19
16/04/24 14:00	1.455	2.982	4.437	2.169	19.7	66	1.8	167	23
16/04/24 14:05	1.441	3.001	4.442	2.153	19.7	67	1.8	181	21
16/04/24 14:10	1.453	2.892	4.345	2.251	20.0	66	1.6	166	21
16/04/24 14:15	1.329	2.804	4.133	2.344	20.0	66	1.7	172	18
16/04/24 14:20	1.231	2.725	3.956	2.340	19.9	66	1.9	175	16
16/04/24 14:25	1.184	2.772	3.956	2.191	19.9	66	1.2	170	28
16/04/24 14:30	1.012	2.668	3.680	2.076	20.2	66	1.7	172	20
16/04/24 14:35	0.991	2.564	3.555	2.012	19.9	67	1.9	149	25
16/04/24 14:40	0.830	2.327	3.157	2.092	19.4	70	1.9	156	26
16/04/24 14:45	0.715	2.122	2.837	2.056	18.7	73	2.1	146	22
16/04/24 14:50	0.634	1.903	2.537	2.049	18.2	75	2.5	141	14
16/04/24 14:55	0.615	1.768	2.383	2.074	17.9	76	2.5	142	15
16/04/24 15:00	1.022	4.547	5.568	2.019	17.8	75	1.6	128	22
16/04/24 15:05	0.894	1.365	2.258	1.929	17.9	73	2.3	136	12
16/04/24 15:10	1.078	2.477	3.555	1.809	17.9	73	1.7	145	24
16/04/24 15:15	0.980	1.395	2.375	1.796	18.0	74	1.7	152	27
16/04/24 15:20	0.801	0.841	1.643	1.861	18.1	73	1.6	157	26
16/04/24 15:25	0.583	0.623	1.207	1.901	18.3	73	1.4	157	27
16/04/24 15:30	0.609	0.668	1.276	1.894	18.5	71	1.3	166	27
16/04/24 15:35	0.572	0.693	1.265	1.843	18.7	70	1.3	177	28
16/04/24 15:40	0.378	0.715	1.093	1.726	18.6	71	2.2	165	23
16/04/24 15:45	0.381	0.664	1.045	1.780	18.2	73	1.8	176	26
16/04/24 15:50	0.375	0.761	1.136	1.861	18.0	73	2.4	170	19
16/04/24 15:55	0.423	0.726	1.148	1.925	18.0	73	2.0	167	24
16/04/24 16:00	0.354	0.748	1.101	2.012	18.0	73	2.0	182	18
16/04/24 16:05	0.258	0.771	1.028	1.962	18.1	73	1.9	178	17
16/04/24 16:10	0.320	0.785	1.105	1.886	18.1	72	2.1	184	18
16/04/24 16:15	0.380	0.993	1.373	1.827	17.9	72	2.6	185	16
16/04/24 16:20	0.813	1.494	2.307	1.864	17.9	72	2.6	187	14
16/04/24 16:25	2.954	2.734	5.687	1.892	18.2	71	2.6	191	11
16/04/24 16:30	0.491	0.924	1.415	1.822	18.5	68	2.7	195	10
16/04/24 16:35	11.466	17.827	29.293	1.878	18.4	69	4.2	200	05
16/04/24 16:40	3.000	4.764	7.763	1.838	18.2	71	3.5	195	10
16/04/24 16:45	0.779	2.086	2.866	1.884	18.4	70	3.5	197	09
16/04/24 16:50	0.619	1.558	2.177	1.913	18.3	70	4.6	198	06
16/04/24 16:55	0.513	1.485	1.998	1.948	18.0	73	4.9	201	05
16/04/24 17:00	0.609	1.562	2.170	1.971	17.6	77	5.2	199	04
16/04/24 17:05	0.630	1.640	2.270	1.995	17.4	78	4.0	198	05
16/04/24 17:10	0.558	1.832	2.390	2.063	17.7	76	2.9	193	11
16/04/24 17:15	0.420	1.651	2.072	2.089	17.8	76	3.0	193	12
16/04/24 17:20	0.370	1.411	1.781	1.989	17.7	76	2.9	192	11
16/04/24 17:25	0.463	2.015	2.479	1.820	17.6	80	3.2	195	08
16/04/24 17:30	0.512	2.623	3.135	1.707	17.3	82	2.9	187	16
16/04/24 17:35	0.425	2.615	3.040	1.720	17.1	83	4.0	195	07
16/04/24 17:40	0.427	2.542	2.969	1.860	16.9	85	3.8	193	11
16/04/24 17:45	0.457	2.305	2.762	1.881	16.9	85	3.9	190	10
16/04/24 17:50	0.338	2.061	2.399	1.899	16.7	85	3.4	191	10
16/04/24 17:55	0.322	2.003	2.325	1.780	16.8	85	2.8	184	13
16/04/24 18:00	0.359	2.625	2.984	1.697	16.8	85	3.0	187	12
16/04/24 18:05	0.410	3.190	3.600	1.690	16.8	85	3.2	186	12
16/04/24 18:10	0.453	3.035	3.488	1.748	16.7	86	3.0	182	15
16/04/24 18:15	0.501	2.756	3.257	1.771	16.7	86	2.4	179	21
16/04/24 18:20	0.447	2.258	2.705	1.850	16.7	86	2.5	180	17
16/04/24 18:25	0.382	2.003	2.385	1.882	16.8	86	2.4	173	25
16/04/24 18:30	0.250	1.711	1.961	1.875	16.7	85	2.5	160	28
16/04/24 18:35	0.052	1.482	1.534	1.829	16.6	84	2.7	153	27
16/04/24 18:40	0.061	1.362	1.424	1.862	16.4	84	3.4	152	19
16/04/24 18:45	0.002	1.412	1.415	1.942	16.4	85	3.0	151	23
16/04/24 18:50	0.046	1.519	1.565	1.934	16.3	86	2.4	165	29
16/04/24 18:55	-0.010	1.551	1.542	1.898	16.5	85	2.7	154	24
16/04/24 19:00	0.019	1.523	1.541	1.771	16.4	86	2.8	151	24
16/04/24 19:05	0.031	1.530	1.561	1.744	16.4	86	2.5	158	28
16/04/24 19:10	-0.026	1.673	1.647	1.672	16.5	86	2.5	149	22
16/04/24 19:15	-0.063	1.789	1.726	1.629	16.5	86	2.5	155	26
16/04/24 19:20	0.014	1.858	1.872	1.647	16.5	86	2.1	157	31
16/04/24 19:25	0.017	2.232	2.248	1.763	16.4	85	2.0	158	27
16/04/24 19:30	0.013	2.658	2.671	1.794	16.4	86	2.3	158	26
16/04/24 19:35	0.010	2.983	2.993	1.729	16.3	85	2.7	148	23
16/04/24 19:40	0.088	3.290	3.377	1.786	16.4	84	3.0	134	14
16/04/24 19:45	0.130	3.566	3.697	1.832	16.3	84	2.7	148	19
16/04/24 19:50	0.132	4.005	4.138	1.825	16.3	82	3.2	141	11
16/04/24 19:55	0.015	4.513	4.528	1.797	16.3	83	2.2	132	19
16/04/24 20:00	-0.004	4.952	4.948	1.921	16.2	81	2.2	125	17
16/04/24 20:05	0.036	5.343	5.379	1.840	16.3	82	2.5	117	09
16/04/24 20:10	0.129	5.730	5.859	1.784	16.3	82	1.9	118	13
16/04/24 20:15	0.090	5.967	6.058	1.844	16.3	81	1.5	120	19
16/04/24 20:20	0.105	6.018	6.123	1.776	16.2	82	1.9	123	17
16/04/24 20:25	0.080	5.998	6.078	1.809	16.2	82	1.7	123	19
16/04/24 20:30	0.063	6.008	6.071	1.846	16.1	82	1.5	133	20
16/04/24 20:35	0.040	5.914	5.955	1.823	16.1	82	1.3	122	20
16/04/24 20:40	0.095	5.858	5.953	1.834	16.0	82	1.4	106	16
16/04/24 20:45	0.057	6.000	6.057	1.818	16.0	82	1.1	108	19
16/04/24 20:50	0.183	6.218	6.401	1.756	16.0	82	1.1	121	16
16/04/24 20:55	0.041	6.345	6.386	1.763	15.9	82	1.4	128	14
16/04/24 21:00	0.051	6.337	6.388	1.733	15.9	81	1.1	118	22
16/04/24 21:05	0.128	6.498	6.626	1.717	16.0	82	0.9	120	26
16/04/24 21:10	0.223	6.647	6.870	1.686	15.9	81	1.6	136	11
16/04/24 21:15	0.168	6.631	6.799	1.718	15.9	81	1.4	118	14
16/04/24 21:20	0.096	6.435	6.530	1.667	16.0	82	1.5	134	21

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/04/24 21:25	0.134	6.291	6.425	1.669	16.0	81	1.8	153	17
16/04/24 21:30	0.139	6.256	6.394	1.707	16.0	83	2.2	148	24
16/04/24 21:35	0.106	5.987	6.093	1.783	16.0	83	2.3	134	17
16/04/24 21:40	-0.025	5.637	5.612	1.767	16.0	84	2.3	120	17
16/04/24 21:45	-0.101	5.391	5.290	1.727	16.0	85	2.5	118	13
16/04/24 21:50	-0.076	5.233	5.157	1.677	16.0	85	3.7	114	06
16/04/24 21:55	0.009	5.284	5.293	1.660	15.8	83	3.3	101	08
16/04/24 22:00	0.052	5.739	5.791	1.712	15.5	83	2.9	101	06
16/04/24 22:05	-0.087	6.491	6.404	1.728	15.6	83	2.1	91	11
16/04/24 22:10	0.024	7.150	7.173	1.677	15.4	83	1.7	76	15
16/04/24 22:15	0.183	7.969	8.153	1.629	15.3	84	1.6	70	16
16/04/24 22:20	0.313	8.808	9.121	1.670	15.3	84	0.7	47	14
16/04/24 22:25	0.284	9.739	10.024	1.646	15.1	85	0.7	21	15
16/04/24 22:30	0.237	10.645	10.882	1.674	15.2	85	0.3	335	42
16/04/24 22:35	0.302	11.168	11.470	1.649	15.2	85	0.4	243	36
16/04/24 22:40	0.341	11.526	11.867	1.676	15.2	86	0.4	252	34
16/04/24 22:45	0.356	11.597	11.953	1.669	15.4	86	0.6	234	18
16/04/24 22:50	0.324	11.640	11.964	1.621	15.5	84	0.9	185	19
16/04/24 22:55	0.348	11.762	12.109	1.729	15.5	84	1.0	154	20
16/04/24 23:00	0.306	12.044	12.350	1.817	15.4	84	0.8	135	18
16/04/24 23:05	0.291	12.086	12.376	1.796	15.4	85	0.9	128	23
16/04/24 23:10	0.102	11.851	11.953	1.715	15.5	85	1.3	149	21
16/04/24 23:15	0.044	11.177	11.221	1.782	15.6	84	1.4	145	12
16/04/24 23:20	-0.009	10.410	10.401	1.725	15.5	84	1.3	139	15
16/04/24 23:25	-0.014	9.679	9.665	1.706	15.5	83	1.1	149	26
16/04/24 23:30	-0.040	9.063	9.023	1.767	15.5	83	0.8	150	23
16/04/24 23:35	-0.093	8.269	8.176	1.779	15.6	83	1.4	145	12
16/04/24 23:40	-0.043	7.326	7.283	1.806	15.5	82	1.0	153	23
16/04/24 23:45	-0.039	6.501	6.461	1.865	15.6	83	1.1	155	24
16/04/24 23:50	0.034	5.734	5.768		15.7	83	1.0	171	31
16/04/24 23:55	0.070	5.005	5.075		15.8	82	1.9	141	11
17/04/24 00:00	0.079	4.491	4.570	1.889	15.7	81	1.6	154	22
17/04/24 00:05	0.036	4.211	4.247	1.850	15.9	82	1.7	147	18
17/04/24 00:10	0.095	4.076	4.172	1.777	15.8	81	1.3	161	24
17/04/24 00:15	0.101	4.040	4.141	1.725	15.8	81	1.4	162	25
17/04/24 00:20	0.094	3.884	3.978	1.628	15.9	82	1.4	178	21
17/04/24 00:25	0.147	3.833	3.980	1.613	15.9	82	1.2	176	23
17/04/24 00:30	0.178	3.947	4.125	1.574	16.0	81	1.4	174	24
17/04/24 00:35	0.046	3.895	3.941	1.471	16.0	81	1.5	181	18
17/04/24 00:40	-0.081	3.941	3.860	1.408	16.1	80	1.5	177	20
17/04/24 00:45	-0.010	3.910	3.900	1.388	16.1	80	1.5	153	19
17/04/24 00:50	-0.132	3.910	3.778	1.389	16.1	80	1.6	144	21
17/04/24 00:55	-0.199	3.952	3.753	1.420	16.0	80	1.5	151	21
17/04/24 01:00	-0.196	3.945	3.749	1.418	16.0	78	1.0	159	28
17/04/24 01:05					15.9	80	0.9	111	28
17/04/24 01:10					15.3	82	0.6	44	40
17/04/24 01:15					15.1	84	0.7	357	21
17/04/24 01:20					14.9	85	1.4	28	11
17/04/24 01:25					14.6	86	0.9	39	23
17/04/24 01:30					14.6	87	1.0	95	27
17/04/24 01:35					14.8	90	1.3	120	24
17/04/24 01:40					15.2	89	1.8	120	17
17/04/24 01:45					15.3	88	1.6	123	25
17/04/24 01:50					15.4	87	2.0	119	16
17/04/24 01:55					15.4	87	1.7	119	15
17/04/24 02:00					15.3	87	2.2	116	12
17/04/24 02:05	-0.165	4.097	3.932	1.430	15.2	86	1.2	122	28
17/04/24 02:10	-0.090	4.111	4.021	1.465	15.2	87	1.5	130	22
17/04/24 02:15	0.034	4.197	4.231	1.418	15.1	87	1.8	122	22
17/04/24 02:20	0.044	4.192	4.237	1.518	15.1	87	1.5	126	20
17/04/24 02:25	0.111	4.189	4.300	1.474	15.1	88	1.6	125	21
17/04/24 02:30	0.116	4.234	4.350	1.501	15.0	88	1.6	132	22
17/04/24 02:35	0.196	4.191	4.388	1.513	15.1	87	2.1	131	14
17/04/24 02:40	0.189	4.124	4.312	1.413	15.0	87	1.4	129	20
17/04/24 02:45	0.196	4.135	4.331	1.373	14.9	88	1.5	117	17
17/04/24 02:50	0.214	4.105	4.319	1.425	14.9	88	1.4	121	20
17/04/24 02:55	0.208	4.081	4.289	1.422	14.8	87	2.0	115	15
17/04/24 03:00	0.251	4.081	4.333	1.373	14.8	88	2.3	114	07
17/04/24 03:05	0.168	4.050	4.218	1.307	15.0	87	2.1	115	10
17/04/24 03:10	0.232	4.009	4.241	1.431	14.8	86	1.8	113	15
17/04/24 03:15	0.223	4.177	4.400	1.417	14.7	86	1.6	103	14
17/04/24 03:20	0.244	4.328	4.572	1.399	14.5	85	1.5	90	10
17/04/24 03:25	0.169	4.483	4.652	1.424	14.4	85	0.9	71	14
17/04/24 03:30	0.246	4.907	5.153	1.482	14.1	86	1.0	68	13
17/04/24 03:35	0.296	5.558	5.854	1.440	13.9	86	0.8	71	16
17/04/24 03:40	0.326	6.163	6.490	1.294	13.7	87	0.8	90	12
17/04/24 03:45	0.308	6.387	6.695	1.279	13.7	87	0.7	95	14
17/04/24 03:50	0.156	6.454	6.610	1.332	13.7	87	0.4	75	17
17/04/24 03:55	0.200	6.706	6.907	1.303	13.6	87	0.4	53	20
17/04/24 04:00	0.391	7.489	7.880	1.358	13.5	88	0.3	75	25
17/04/24 04:05	0.386	8.366	8.752	1.486	13.5	88	0.7	89	13
17/04/24 04:10	0.499	9.390	9.888	1.496	13.6	88	0.9	70	09
17/04/24 04:15	0.672	10.410	11.082	1.499	13.6	88	1.1	62	12
17/04/24 04:20	0.874	11.501	12.376	1.486	13.6	88	1.2	49	08
17/04/24 04:25	1.390	13.200	14.590	1.417	13.5	88	1.3	54	10
17/04/24 04:30	1.901	15.362	17.263	1.445	13.5	88	1.0	59	14
17/04/24 04:35	2.061	16.202	18.262	1.423	13.6	88	1.1	67	15
17/04/24 04:40	2.260	16.424	18.684	1.484	13.6	88	0.8	91	24
17/04/24 04:45	1.953	16.226	18.179	1.503	13.6	88	1.2	104	16
17/04/24 04:50	1.776	15.991	17.767	1.433	13.7	87	1.1	90	10
17/04/24 04:55	1.536	15.868	17.404	1.338	13.7	87	0.9	78	13
17/04/24 05:00	1.614	15.649	17.262	1.358	13.8	87	0.8	68	18
17/04/24 05:05	1.457	15.327	16.784	1.467	13.6	87	1.0	48	13
17/04/24 05:10	1.675	15.434	17.109	1.524	13.5	88	1.0	26	11
17/04/24 05:15	2.322	15.599	17.922	1.502	13.3	88	0.8	42	20
17/04/24 05:20	2.765	15.591	18.356	1.606	13.3	88	0.7	54	14
17/04/24 05:25	3.308	15.594	18.902	1.634	13.4	88	0.7	39	13
17/04/24 05:30	3.293	15.259	18.552	1.615	13.4	88	0.4	9	18
17/04/24 05:35	2.960	14.979	17.939	1.711	13.6	89	0.4	311	27
17/04/24 05:40	2.709	14.750	17.459	1.649	13.8	88	0.1	298	68
17/04/24 05:45	10.321	16.898	27.219	1.564	13.8	87	0.1	140	81
17/04/24 05:50	12.915	16.682	29.596	1.586	13.7	87	0.5	12	17
17/04/24 05:55	19.301	18.726	38.027	1.571	13.6	87	0.6	325	26
17/04/24 06:00	38.897	19.563	58.460	1.603	13.9	88	0.8	314	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/04/24 06:05	82.193	19.762	101.955	1.664	13.8	89	1.0	295	10
17/04/24 06:10	106.574	24.879	131.453	1.745	13.9	90	1.4	279	14
17/04/24 06:15	98.629	23.099	121.727	1.814	13.9	90	1.3	281	14
17/04/24 06:20	99.673	29.669	129.341	1.928	13.9	90	0.4	340	28
17/04/24 06:25	118.483	26.927	145.410	2.093	13.5	89	0.5	21	14
17/04/24 06:30	117.310	24.824	142.134	2.181	13.3	90	0.8	325	21
17/04/24 06:35	89.816	23.554	113.370	2.249	13.5	91	1.4	293	14
17/04/24 06:40	111.538	21.785	133.323	2.320	13.7	92	1.0	288	26
17/04/24 06:45	126.354	23.252	149.606	2.394	13.8	92	1.0	285	15
17/04/24 06:50	105.420	22.833	128.253	2.528	13.7	92	1.4	281	13
17/04/24 06:55	87.428	22.013	109.442	2.446	13.7	92	1.7	278	08
17/04/24 07:00	85.324	21.693	107.016	2.371	13.6	92	1.2	278	12
17/04/24 07:05	79.643	16.801	96.443	2.292	13.6	93	1.0	277	14
17/04/24 07:10	74.426	19.269	93.695	2.326	13.7	93	0.5	306	28
17/04/24 07:15	80.329	14.881	95.210	2.455	13.5	91	0.6	23	17
17/04/24 07:20	81.834	15.734	97.568	2.444	13.2	92	0.4	321	31
17/04/24 07:25	74.875	20.909	95.784	2.508	13.4	93	0.4	306	22
17/04/24 07:30	71.997	21.012	93.009	2.527	13.5	93	0.6	295	19
17/04/24 07:35	78.761	16.753	95.514	2.566	13.5	91	0.6	329	13
17/04/24 07:40	61.989	21.115	83.104	2.570	13.7	92	0.9	311	11
17/04/24 07:45	66.078	22.074	88.151	2.569	13.8	91	1.2	307	09
17/04/24 07:50	86.107	21.247	107.353	2.492	13.9	90	0.9	312	10
17/04/24 07:55	88.239	23.748	111.987	2.392	13.9	90	0.5	330	20
17/04/24 08:00	91.278	23.253	114.531	2.382	13.9	89	0.4	45	12
17/04/24 08:05	91.814	22.932	114.746	2.410	13.9	89	0.6	54	07
17/04/24 08:10	94.044	22.747	116.790	2.523	14.0	89	0.4	16	29
17/04/24 08:15	96.626	24.305	120.931	2.549	14.1	90	0.5	312	16
17/04/24 08:20	92.449	20.504	112.952	2.534	14.2	89	1.2	301	09
17/04/24 08:25	96.165	29.091	125.256	2.492	14.4	90	1.6	292	14
17/04/24 08:30	120.761	34.477	155.239	2.516	14.6	89	1.5	280	19
17/04/24 08:35	83.165	22.318	105.483	2.607	14.8	89	2.0	276	16
17/04/24 08:40	67.569	14.841	82.410	2.641	14.8	88	2.9	271	07
17/04/24 08:45	54.080	21.703	75.783	2.512	14.8	88	1.8	284	16
17/04/24 08:50	55.650	21.114	76.764	2.449	14.8	89	1.9	282	15
17/04/24 08:55	57.057	18.949	76.006	2.435	14.9	88	1.5	285	19
17/04/24 09:00	49.216	20.048	69.264	2.502	15.1	88	2.2	273	12
17/04/24 09:05	39.224	18.625	57.849	2.365	15.0	87	1.5	277	19
17/04/24 09:10	35.407	18.899	54.306	2.205	15.1	86	2.2	271	10
17/04/24 09:15	36.506	18.369	54.875	2.187	15.1	87	2.6	263	09
17/04/24 09:20	42.834	15.543	58.377	2.124	15.1	87	2.1	260	11
17/04/24 09:25	32.079	17.407	49.486	2.060	15.1	87	1.7	243	10
17/04/24 09:30	25.622	15.128	40.750	2.052	15.4	86	2.1	240	11
17/04/24 09:35	16.670	12.351	29.021	2.092	15.4	85	2.4	240	07
17/04/24 09:40	12.531	9.448	21.979	2.091	15.5	86	2.0	240	11
17/04/24 09:45	11.663	9.226	20.889	2.070	15.7	85	2.7	236	07
17/04/24 09:50	10.594	8.199	18.793	2.115	15.9	85	3.0	235	08
17/04/24 09:55	7.082	4.848	11.929	2.031	15.9	84	3.1	233	05
17/04/24 10:00	3.453	4.195	7.648	1.976	16.0	83	3.1	231	05
17/04/24 10:05	3.127	4.561	7.687	2.052	16.0	83	3.0	234	05
17/04/24 10:10	2.851	4.479	7.330	2.092	16.2	82	2.5	235	09
17/04/24 10:15	2.991	4.574	7.565	2.167	16.3	83	3.3	221	05
17/04/24 10:20	2.743	4.695	7.438	2.215	16.2	84	3.0	213	05
17/04/24 10:25	2.499	4.542	7.042	2.140	16.3	84	3.1	217	08
17/04/24 10:30	2.833	4.778	7.611	1.999	16.3	85	3.6	220	06
17/04/24 10:35	3.098	5.120	8.218	1.996	16.2	84	3.4	215	04
17/04/24 10:40	3.296	5.352	8.648	1.976	16.2	84	3.0	219	06
17/04/24 10:45	3.386	5.589	8.974	1.948	16.3	83	2.0	224	07
17/04/24 10:50	3.379	5.654	9.032	1.926	16.4	83	2.7	222	11
17/04/24 10:55	3.217	5.536	8.754	1.981	16.5	82	2.8	214	08
17/04/24 11:00	2.873	5.345	8.218	2.030	16.5	82	3.6	219	07
17/04/24 11:05	2.410	4.943	7.352	2.075	16.4	84	4.6	229	09
17/04/24 11:10	2.105	4.796	6.901	2.093	16.2	84	4.8	234	06
17/04/24 11:15	1.746	4.444	6.190	1.970	16.3	83	5.0	229	04
17/04/24 11:20	1.419	4.166	5.585	1.773	16.4	83	4.7	220	06
17/04/24 11:25	1.294	3.993	5.287	1.708	16.4	83	4.1	219	07
17/04/24 11:30	1.128	3.741	4.869	1.649	16.5	80	3.7	217	04
17/04/24 11:35	0.931	3.664	4.595	1.579	16.6	80	3.0	211	08
17/04/24 11:40	1.058	4.010	5.068	1.688	16.6	79	3.3	206	08
17/04/24 11:45	1.474	4.525	5.998	1.726	16.7	80	3.4	213	09
17/04/24 11:50	1.533	4.396	5.929	1.745	16.7	80	3.9	206	07
17/04/24 11:55	1.812	3.492	5.304	1.775	16.7	81	4.6	207	04
17/04/24 12:00	1.430	3.305	4.734	1.778	16.6	81	4.2	206	04
17/04/24 12:05	1.168	3.277	4.445	1.762	16.7	80	4.1	199	06
17/04/24 12:10	1.193	3.209	4.403	1.702	16.7	79	4.0	199	08
17/04/24 12:15	1.512	2.742	4.254	1.640	16.6	81	4.6	204	05
17/04/24 12:20	1.373	2.838	4.211	1.622	16.2	85	2.2	186	16
17/04/24 12:25	1.191	2.980	4.171	1.629	16.3	85	2.8	197	09
17/04/24 12:30	0.919	3.163	4.082	1.634	16.2	85	1.8	156	20
17/04/24 12:35	0.790	3.120	3.910	1.730	16.3	85	1.3	163	26
17/04/24 12:40	1.286	2.863	4.149	1.723	16.2	84	1.6	196	09
17/04/24 12:45	1.196	2.199	3.395	1.719	16.3	83	2.1	209	15
17/04/24 12:50	1.341	2.270	3.612	1.712	16.5	82	4.7	206	06
17/04/24 12:55	1.227	2.355	3.582	1.686	16.8	79	4.8	207	06
17/04/24 13:00	0.722	2.283	3.005	1.796	17.0	77	4.9	205	06
17/04/24 13:05	0.864	2.460	3.323	1.757	17.1	77	4.5	200	06
17/04/24 13:10	0.950	2.271	3.221	1.789	17.2	76	5.0	208	06
17/04/24 13:15	0.908	2.021	2.929	1.785	17.3	77	4.6	210	05
17/04/24 13:20	0.875	2.231	3.106	1.670	17.3	76	4.5	206	06
17/04/24 13:25	0.996	2.400	3.395	1.643	17.3	77	4.9	209	06
17/04/24 13:30	1.078	2.646	3.725	1.693	17.0	79	4.7	209	09
17/04/24 13:35	1.274	2.737	4.011	1.656	17.1	78	5.0	203	05
17/04/24 13:40	1.231	2.816	4.047	1.612	17.1	79	5.6	215	06
17/04/24 13:45	1.039	3.020	4.058	1.773	16.7	81	5.0	210	07
17/04/24 13:50	1.086	3.543	4.628	1.741	16.7	79	5.0	208	04
17/04/24 13:55	1.050	1.042	2.092	1.772	16.7	79	5.2	217	06
17/04/24 14:00	0.951	1.157	2.108	1.854	16.7	80	5.7	218	06
17/04/24 14:05	0.793	1.017	1.809	1.788	16.8	79	6.5	222	05
17/04/24 14:10	0.529	0.892	1.420	1.668	16.6	80	6.9	224	07
17/04/24 14:15	0.403	0.842	1.245	1.658	16.6	79	6.7	216	08
17/04/24 14:20	0.299	0.798	1.097	1.667	16.5	83	6.4	212	03
17/04/24 14:25	0.314	0.930	1.244	1.633	16.4	83	6.4	212	04
17/04/24 14:30	0.404	1.074	1.478	1.606	16.4	80	6.3	216	02
17/04/24 14:35	0.326	0.978	1.304	1.635	16.4	79	6.0	215	03
17/04/24 14:40	0.264	1.008	1.272	1.688	16.5	78	6.1	212	04

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/04/24 14:45	0.525	1.519	2.045	1.659	16.6	80	5.7	211	03
17/04/24 14:50	0.637	1.320	1.958	1.624	16.6	78	5.7	213	04
17/04/24 14:55	0.500	1.117	1.617	1.655	16.6	77	5.1	212	05
17/04/24 15:00	0.401	1.084	1.485	1.711	16.6	79	4.2	211	05
17/04/24 15:05	0.292	1.085	1.376	1.712	16.5	78	4.2	213	04
17/04/24 15:10	0.264	1.231	1.496	1.624	16.7	78	4.6	203	07
17/04/24 15:15	0.208	1.178	1.387	1.598	16.8	77	5.2	204	05
17/04/24 15:20	0.400	1.225	1.625	1.545	17.0	77	4.8	203	06
17/04/24 15:25	0.727	1.484	2.211	1.417	17.0	78	5.2	199	08
17/04/24 15:30	1.382	2.468	3.850	1.455	17.0	77	4.5	188	11
17/04/24 15:35	1.661	3.567	5.228	1.509	17.1	75	4.4	193	09
17/04/24 15:40	2.021	5.261	7.282	1.575	17.1	74	4.1	193	10
17/04/24 15:45	2.448	5.944	8.392	1.504	17.1	73	3.9	192	10
17/04/24 15:50	2.553	4.082	6.635	1.497	17.3	71	3.9	189	10
17/04/24 15:55	2.419	3.939	6.358	1.499	17.3	70	3.9	188	10
17/04/24 16:00	2.663	4.224	6.888	1.403	17.4	70	3.2	189	15
17/04/24 16:05	2.512	0.859	3.370	1.396	17.9	67	3.4	189	11
17/04/24 16:10				1.414	18.1	67	3.4	195	09
17/04/24 16:15				1.433	18.2	67	3.2	191	10
17/04/24 16:20	0.786	0.035	0.821	1.387	18.1	68	3.7	192	11
17/04/24 16:25	0.568	0.206	0.774	1.381	17.9	72	3.1	181	15
17/04/24 16:30	0.419	0.357	0.776	1.394	17.7	73	3.0	179	14
17/04/24 16:35	0.299	0.398	0.697	1.463	17.6	69	3.9	192	12
17/04/24 16:40	0.255	0.508	0.764	1.446	17.5	66	3.8	190	12
17/04/24 16:45	0.252	0.620	0.873	1.450	17.5	69	3.4	192	13
17/04/24 16:50	0.179	0.641	0.820	1.533	17.2	73	3.9	185	11
17/04/24 16:55	0.248	0.556	0.803	1.605	17.0	74	3.8	189	10
17/04/24 17:00	0.337	0.511	0.848	1.429	17.1	73	4.0	189	11
17/04/24 17:05	0.393	0.512	0.906	1.357	17.0	74	4.0	187	11
17/04/24 17:10	0.305	0.568	0.873	1.280	16.8	74	3.5	189	12
17/04/24 17:15	0.267	0.596	0.862	1.295	16.8	73	3.6	191	11
17/04/24 17:20	0.220	0.514	0.734	1.343	16.8	73	3.2	189	13
17/04/24 17:25	0.206	0.473	0.679	1.450	16.8	74	3.6	189	11
17/04/24 17:30	0.203	0.484	0.687	1.450	16.7	73	3.6	193	10
17/04/24 17:35	0.188	0.484	0.672	1.384	16.7	73	3.6	192	10
17/04/24 17:40	0.169	0.475	0.644	1.338	16.7	74	4.0	188	09
17/04/24 17:45	0.238	0.465	0.703	1.344	16.7	74	3.9	191	10
17/04/24 17:50	0.203	0.475	0.678	1.345	16.7	74	3.9	190	10
17/04/24 17:55	0.141	0.461	0.602	1.327	16.6	73	4.1	191	09
17/04/24 18:00	0.257	0.406	0.664	1.384	16.6	72	3.9	191	10
17/04/24 18:05	0.230	0.377	0.606	1.362	16.6	73	3.3	185	11
17/04/24 18:10	0.249	0.339	0.588	1.354	16.6	72	3.6	186	10
17/04/24 18:15	0.238	0.377	0.615	1.432	16.6	73	3.5	185	13
17/04/24 18:20	0.276	0.525	0.801	1.491	16.6	72	3.7	192	09
17/04/24 18:25	0.298	0.618	0.916	1.523	16.6	71	3.9	189	11
17/04/24 18:30	0.299	0.565	0.863	1.560	16.7	72	3.0	187	13
17/04/24 18:35	0.303	0.523	0.826	1.549	16.6	70	3.3	188	13
17/04/24 18:40	0.127	0.448	0.574	1.467	16.6	71	3.1	189	14
17/04/24 18:45	0.063	0.442	0.505	1.399	16.6	72	2.6	187	12
17/04/24 18:50	0.048	0.449	0.497	1.508	16.6	71	3.3	190	13
17/04/24 18:55	0.050	0.499	0.549	1.449	16.7	69	3.4	189	11
17/04/24 19:00	0.034	0.492	0.527	1.467	16.6	70	3.3	188	11
17/04/24 19:05	0.064	0.703	0.767	1.459	16.6	70	3.4	190	09
17/04/24 19:10	0.153	0.850	1.004	1.423	16.5	72	2.2	186	21
17/04/24 19:15	0.188	0.705	0.893	1.513	16.5	72	1.5	176	29
17/04/24 19:20	0.143	0.586	0.730	1.497	16.6	74	2.3	182	19
17/04/24 19:25	0.260	0.497	0.758	1.455	16.5	74	2.4	182	16
17/04/24 19:30	0.325	0.470	0.795	1.456	16.6	75	2.1	178	22
17/04/24 19:35	0.263	0.489	0.752	1.449	16.5	75	1.9	181	22
17/04/24 19:40	0.298	0.518	0.816	1.387	16.5	74	2.5	181	22
17/04/24 19:45	0.341	0.537	0.879	1.299	16.6	72	3.1	185	11
17/04/24 19:50	0.273	0.657	0.930	1.394	16.5	72	3.2	189	12
17/04/24 19:55	0.066	0.785	0.850	1.330	16.5	72	3.4	190	11
17/04/24 20:00	0.059	0.938	0.997	1.406	16.6	72	2.8	181	15
17/04/24 20:05	0.096	0.957	1.054	1.399	16.4	73	2.1	182	17
17/04/24 20:10	0.063	1.077	1.141	1.522	16.5	73	2.9	187	13
17/04/24 20:15	0.032	1.235	1.268	1.602	16.4	73	2.3	183	14
17/04/24 20:20	0.065	1.194	1.259	1.633	16.4	73	2.6	190	12
17/04/24 20:25	0.117	1.216	1.332	1.562	16.4	72	2.6	184	14
17/04/24 20:30	0.121	1.220	1.341	1.506	16.4	72	2.5	193	09
17/04/24 20:35	0.126	1.167	1.292	1.577	16.4	74	2.2	160	21
17/04/24 20:40	0.122	1.348	1.470	1.531	16.5	76	1.6	143	39
17/04/24 20:45	0.186	2.396	2.583	1.520	16.3	76	1.6	136	28
17/04/24 20:50	0.198	3.111	3.310	1.507	16.3	77	1.5	135	25
17/04/24 20:55	0.220	4.263	4.484	1.415	16.3	77	1.6	149	34
17/04/24 21:00	0.248	5.102	5.350	1.382	16.2	78	1.0	125	31
17/04/24 21:05	0.115	5.173	5.288	1.355	16.1	76	2.2	173	22
17/04/24 21:10	0.028	2.681	2.709	1.336	16.3	74	2.4	177	20
17/04/24 21:15	0.018	1.796	1.814	1.352	16.4	73	2.8	189	12
17/04/24 21:20	0.035	1.409	1.443	1.329	16.4	73	2.8	192	10
17/04/24 21:25	0.080	1.187	1.266	1.356	16.3	74	4.1	200	07
17/04/24 21:30	-0.066	1.106	1.040	1.292	16.4	79	5.3	217	09
17/04/24 21:35	-0.096	1.063	0.967	1.413	16.0	83	4.8	222	06
17/04/24 21:40	1.606	12.069	13.675	1.448	16.0	82	4.6	226	10
17/04/24 21:45	2.956	11.114	14.071	1.562	16.0	81	3.3	209	13
17/04/24 21:50	2.124	8.722	10.846	1.584	16.2	75	3.7	192	08
17/04/24 21:55	1.502	3.472	4.974	1.552	16.3	75	3.3	195	11
17/04/24 22:00	0.851	0.144	0.996	1.471	16.3	75	3.2	193	10
17/04/24 22:05	0.486	0.287	0.773	1.487	16.3	73	3.1	193	10
17/04/24 22:10	0.262	0.449	0.711	1.442	16.4	75	3.6	196	09
17/04/24 22:15	0.249	0.426	0.674	1.454	16.3	75	4.0	195	09
17/04/24 22:20	0.123	0.510	0.633	1.416	16.3	77	4.5	201	07
17/04/24 22:25	0.173	0.654	0.827	1.432	16.3	74	4.5	195	07
17/04/24 22:30	0.188	0.735	0.923	1.480	16.2	78	4.5	200	10
17/04/24 22:35	0.184	0.708	0.892	1.497	16.2	77	3.8	193	09
17/04/24 22:40	0.083	1.054	1.138	1.518	16.1	75	3.7	191	09
17/04/24 22:45	-0.060	1.306	1.246	1.463	16.1	75	4.3	195	07
17/04/24 22:50	-0.169	1.325	1.156	1.532	16.1	75	3.7	195	08
17/04/24 22:55	-0.198	1.532	1.334	1.528	16.2	74	3.6	196	08
17/04/24 23:00	-0.137	1.328	1.191	1.452	16.2	71	3.3	193	07
17/04/24 23:05	-0.098	1.090	0.991	1.326	16.1	72	3.3	194	09
17/04/24 23:10	-0.060	0.875	0.814	1.300	16.1	70	3.5	192	08
17/04/24 23:15	0.044	0.739	0.783	1.448	16.1	72	3.2	193	11
17/04/24 23:20	0.134	0.649	0.783	1.452	16.1	72	2.6	189	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/04/24 23:25	0.089	0.685	0.775	1.490	16.0	72	1.9	175	27
17/04/24 23:30	0.194	0.890	1.084	1.510	16.1	71	1.5	176	24
17/04/24 23:35	0.182	0.942	1.124	1.566	16.1	72	1.6	177	19
17/04/24 23:40	0.116	0.848	0.964	1.561	16.1	72	1.6	181	17
17/04/24 23:45	0.092	0.862	0.955	1.574	16.1	72	1.9	181	19
17/04/24 23:50	0.021	0.822	0.844		16.1	71	1.6	165	31
17/04/24 23:55	-0.027	0.773	0.745		16.1	71	1.9	180	20
18/04/24 00:00	0.037	0.659	0.697	1.537	16.0	72	2.1	191	18
18/04/24 00:05	-0.023	0.515	0.492	1.342	16.0	69	2.2	191	10
18/04/24 00:10	-0.047	0.495	0.448	1.222	16.0	69	1.6	192	11
18/04/24 00:15	-0.011	0.482	0.471	1.032	16.0	70	1.6	189	12
18/04/24 00:20	0.103	0.440	0.543	1.082	15.9	68	1.6	196	10
18/04/24 00:25	0.069	0.459	0.528	1.057	16.0	69	1.0	193	16
18/04/24 00:30	0.177	0.900	1.077	1.058	15.6	74	1.1	16	28
18/04/24 00:35	0.446	3.894	4.341	1.034	15.2	79	1.6	337	31
18/04/24 00:40	22.095	22.327	44.422	1.086	14.9	82	0.9	312	29
18/04/24 00:45	13.903	18.551	32.454	1.089	14.8	83	0.7	295	41
18/04/24 00:50	2.996	17.419	20.415	0.995	14.8	84	1.2	296	14
18/04/24 00:55	2.047	13.685	15.732	0.879	14.7	84	2.0	293	17
18/04/24 01:00	1.938	12.558	14.496	0.928	14.6	88	2.7	279	17
18/04/24 01:05					14.5	88	2.5	278	16
18/04/24 01:10					14.4	90	3.4	243	15
18/04/24 01:15					14.6	88	4.5	222	08
18/04/24 01:20					14.8	84	5.7	215	05
18/04/24 01:25					14.7	85	4.9	220	05
18/04/24 01:30					14.8	84	4.8	219	06
18/04/24 01:35					14.9	84	4.7	214	04
18/04/24 01:40					15.1	85	4.3	217	07
18/04/24 01:45					15.2	85	4.1	224	04
18/04/24 01:50					15.2	86	4.8	218	07
18/04/24 01:55					15.2	88	4.5	227	06
18/04/24 02:00					15.1	88	4.9	232	06
18/04/24 02:05	1.014	1.128	2.143	0.880	14.6	88	3.8	241	12
18/04/24 02:10	0.775	1.482	2.257	0.861	14.5	89	3.0	250	10
18/04/24 02:15	0.509	1.828	2.337	0.812	14.4	89	3.6	239	11
18/04/24 02:20	0.403	1.762	2.165	0.874	14.5	91	3.6	239	07
18/04/24 02:25	0.362	1.710	2.072	0.968	14.4	91	3.4	237	11
18/04/24 02:30	0.190	1.988	2.179	0.908	14.3	91	2.7	253	07
18/04/24 02:35	0.210	2.501	2.711	0.817	14.2	91	2.5	254	06
18/04/24 02:40	0.237	3.166	3.403	0.717	14.2	91	3.1	259	07
18/04/24 02:45	0.778	7.304	8.083	0.784	14.3	91	2.8	273	11
18/04/24 02:50	0.977	8.078	9.055	0.858	14.0	90	3.3	271	09
18/04/24 02:55	1.076	9.350	10.426	0.975	14.0	87	4.0	262	10
18/04/24 03:00	1.799	13.662	15.461	0.951	13.9	87	2.8	273	11
18/04/24 03:05	1.626	9.457	11.083	0.905	13.9	88	2.9	275	13
18/04/24 03:10	1.538	9.847	11.385	0.873	13.9	88	2.4	272	15
18/04/24 03:15	2.126	11.646	13.771	0.785	13.9	87	3.8	264	11
18/04/24 03:20	2.891	14.017	16.908	0.783	13.8	87	4.0	264	07
18/04/24 03:25	3.087	11.574	14.661	0.774	13.9	87	3.8	268	09
18/04/24 03:30	3.166	11.157	14.322	0.880	13.8	87	4.0	267	07
18/04/24 03:35	3.196	11.307	14.503	0.837	13.7	87	3.5	270	13
18/04/24 03:40	3.119	11.078	14.197	0.963	13.7	87	3.5	270	10
18/04/24 03:45	3.270	11.198	14.468	1.092	13.7	87	3.7	261	07
18/04/24 03:50	3.308	11.072	14.380	1.038	13.7	87	4.0	267	07
18/04/24 03:55	3.270	10.978	14.248	0.945	13.7	87	3.9	263	07
18/04/24 04:00	3.650	11.215	14.864	0.976	13.6	88	4.3	258	08
18/04/24 04:05	3.726	11.279	15.005	1.077	13.7	88	4.6	258	11
18/04/24 04:10	3.315	10.647	13.962	1.060	13.6	88	4.7	254	09
18/04/24 04:15	2.965	10.110	13.075	1.069	13.5	89	4.9	251	08
18/04/24 04:20	2.719	9.858	12.576	1.022	13.6	89	4.9	255	10
18/04/24 04:25	2.253	9.112	11.365	1.052	13.6	91	5.2	249	09
18/04/24 04:30	1.720	7.397	9.117	0.910	13.7	92	5.7	245	09
18/04/24 04:35	1.331	2.435	3.766	0.816	13.8	92	6.5	244	08
18/04/24 04:40	1.034	0.941	1.975	0.928	13.9	92	7.6	240	06
18/04/24 04:45	0.776	1.123	1.899	0.980	13.7	92	7.7	241	06
18/04/24 04:50	0.523	1.373	1.895	0.916	13.6	92	6.7	241	06
18/04/24 04:55	0.382	1.656	2.038	0.932	13.5	92	6.4	245	05
18/04/24 05:00	0.349	1.978	2.327	0.890	13.3	93	5.6	246	07
18/04/24 05:05	0.343	2.650	2.993	0.939	13.2	92	5.1	250	07
18/04/24 05:10	0.199	3.005	3.204	1.015	13.3	91	5.1	247	08
18/04/24 05:15	0.228	3.039	3.267	1.054	13.5	89	5.4	240	05
18/04/24 05:20	0.203	3.052	3.255	0.924	13.4	89	5.3	242	07
18/04/24 05:25	0.284	3.601	3.885	0.999	13.4	89	4.5	247	09
18/04/24 05:30	0.556	5.018	5.574	1.082	13.5	88	4.8	251	08
18/04/24 05:35	0.736	5.548	6.284	1.094	13.4	88	4.6	246	08
18/04/24 05:40	1.092	6.537	7.628	1.159	13.4	89	3.6	258	09
18/04/24 05:45	2.370	14.377	16.747	1.159	13.4	89	3.0	264	09
18/04/24 05:50	5.268	16.015	21.283	1.075	13.3	89	3.4	267	09
18/04/24 05:55	4.633	11.929	16.562	1.112	13.4	88	4.1	254	09
18/04/24 06:00	3.089	7.968	11.057	1.093	13.4	88	3.2	258	13
18/04/24 06:05	3.178	11.180	14.358	1.071	13.4	88	2.7	275	16
18/04/24 06:10	3.578	12.774	16.352	1.096	13.2	88	3.4	263	10
18/04/24 06:15	3.425	12.263	15.688	1.114	13.1	88	2.3	293	16
18/04/24 06:20	3.062	13.310	16.372	1.140	13.0	88	2.3	291	12
18/04/24 06:25	3.920	14.709	18.629	1.064	12.9	90	2.2	281	14
18/04/24 06:30	15.833	16.911	32.744	1.049	13.0	90	3.6	270	10
18/04/24 06:35	23.525	21.446	44.971	1.099	13.0	88	4.0	268	07
18/04/24 06:40	18.944	18.629	37.573	1.095	13.0	89	2.8	279	16
18/04/24 06:45	11.330	17.548	28.878	1.073	12.8	90	3.0	275	11
18/04/24 06:50	11.441	17.993	29.435	1.114	12.8	90	3.1	274	09
18/04/24 06:55	18.253	16.647	34.900	1.186	12.8	91	3.2	271	13
18/04/24 07:00	33.902	20.218	54.120	1.208	12.9	90	3.4	266	11
18/04/24 07:05	32.945	17.078	50.023	1.191	12.8	89	3.0	268	16
18/04/24 07:10	26.506	20.039	46.545	1.235	12.8	89	4.1	264	09
18/04/24 07:15	23.427	19.888	43.315	1.239	12.8	90	3.3	269	11
18/04/24 07:20	22.513	18.892	41.405	1.280	12.7	89	3.6	268	12
18/04/24 07:25	21.119	17.848	38.967	1.251	12.7	90	3.9	265	10
18/04/24 07:30	19.927	17.598	37.525	1.365	12.8	90	2.9	268	15
18/04/24 07:35	22.233	17.377	39.611	1.364	12.8	90	2.2	280	15
18/04/24 07:40	21.983	18.491	40.474	1.379	12.8	89	3.2	270	15
18/04/24 07:45	19.007	19.527	38.534	1.334	13.0	88	2.7	276	13
18/04/24 07:50	17.699	18.557	36.256	1.228	13.1	88	2.3	282	16
18/04/24 07:55	17.187	17.905	35.092	1.334	13.2	87	2.8	281	13
18/04/24 08:00	16.314	16.568	32.881	1.337	13.0	87	2.5	286	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/04/24 08:05	15.539	16.170	31.709	1.258	13.2	87	3.0	276	12
18/04/24 08:10	16.118	17.536	33.653	1.302	13.1	87	2.7	278	15
18/04/24 08:15	17.354	19.620	36.974	1.269	13.4	87	3.0	277	12
18/04/24 08:20	17.986	20.016	38.002	1.232	13.4	85	3.1	276	12
18/04/24 08:25	17.566	17.365	34.931	1.150	13.5	84	3.0	276	14
18/04/24 08:30	18.330	17.852	36.182	1.151	13.6	84	2.3	284	16
18/04/24 08:35	20.731	20.528	41.260	1.165	13.6	84	3.6	274	11
18/04/24 08:40	21.482	20.513	41.995	1.184	13.6	84	3.5	274	11
18/04/24 08:45	21.779	20.558	42.337	1.246	13.7	84	3.2	276	13
18/04/24 08:50	21.157	17.443	38.600	1.238	13.8	83	4.3	264	08
18/04/24 08:55	15.312	11.461	26.773	1.207	14.0	83	4.1	268	11
18/04/24 09:00	12.816	14.071	26.887	1.215	14.1	81	4.9	258	07
18/04/24 09:05	13.725	17.337	31.062	1.230	14.1	81	4.5	256	09
18/04/24 09:10	14.628	17.044	31.672	1.228	14.2	80	4.4	257	07
18/04/24 09:15	15.703	17.134	32.837	1.309	14.4	80	4.0	256	09
18/04/24 09:20	15.869	16.547	32.416	1.429	14.6	77	4.9	254	10
18/04/24 09:25	11.570	9.692	21.262	1.523	14.9	75	5.3	252	09
18/04/24 09:30	3.679	6.432	10.110	1.517	15.0	73	5.1	243	09
18/04/24 09:35	2.927	6.493	9.420	1.537	15.2	72	5.9	247	10
18/04/24 09:40	3.182	7.113	10.295	1.564	15.3	70	6.4	243	08
18/04/24 09:45	3.728	10.503	14.231	1.496	15.4	69	6.5	244	12
18/04/24 09:50	4.605	11.373	15.978	1.534	15.5	68	6.1	250	07
18/04/24 09:55	3.582	6.308	9.889	1.529	15.5	65	6.9	246	05
18/04/24 10:00	2.536	2.870	5.406	1.403	15.4	65	7.0	244	09
18/04/24 10:05	2.157	2.812	4.970	1.355	15.6	64	6.9	252	07
18/04/24 10:10	1.994	3.237	5.231	1.394	15.6	63	6.5	249	10
18/04/24 10:15	1.916	3.663	5.579	1.500	15.6	61	7.7	249	08
18/04/24 10:20	1.599	1.937	3.536	1.496	15.6	59	6.7	243	08
18/04/24 10:25	1.147	0.502	1.650	1.393	15.7	61	7.1	242	10
18/04/24 10:30	1.065	2.013	3.079	1.482	15.7	60	7.0	246	06
18/04/24 10:35	1.036	1.811	2.846	1.435	15.6	62	6.8	251	08
18/04/24 10:40	1.262	2.817	4.079	1.480	15.5	63	6.4	253	08
18/04/24 10:45	2.095	7.148	9.243	1.546	15.5	62	6.5	251	07
18/04/24 10:50	2.632	9.400	12.032	1.610	15.5	62	6.6	257	07
18/04/24 10:55	2.968	8.821	11.789	1.677	15.5	64	5.7	259	09
18/04/24 11:00	2.769	7.406	10.176	1.654	15.4	65	5.8	263	08
18/04/24 11:05	2.681	7.625	10.306	1.672	15.4	64	6.6	261	07
18/04/24 11:10	2.632	6.664	9.296	1.582	15.3	64	6.6	266	07
18/04/24 11:15	2.818	6.842	9.660	1.673	15.4	64	5.6	263	08
18/04/24 11:20	3.018	6.973	9.991	1.671	15.4	63	5.1	268	07
18/04/24 11:25	3.140	6.993	10.133	1.623	15.5	63	4.7	270	08
18/04/24 11:30	3.097	6.599	9.697	1.641	15.6	63	4.4	274	09
18/04/24 11:35	3.106	6.417	9.524	1.624	15.8	61	4.2	262	08
18/04/24 11:40	3.202	6.314	9.516	1.607	15.9	62	3.7	268	10
18/04/24 11:45	3.193	6.000	9.193	1.457	16.0	60	4.3	274	09
18/04/24 11:50	2.915	5.642	8.557	1.488	16.0	58	3.8	271	11
18/04/24 11:55	2.623	5.317	7.939	1.521	16.2	59	2.8	273	16
18/04/24 12:00	2.449	5.186	7.635	1.527	16.2	57	3.7	261	08
18/04/24 12:05	2.512	5.286	7.798	1.491	16.2	57	3.8	272	09
18/04/24 12:10	2.568	5.343	7.911	1.474	16.2	58	4.1	251	09
18/04/24 12:15	2.750	5.771	8.521	1.560	16.3	57	4.4	253	09
18/04/24 12:20	2.654	5.587	8.241	1.524	16.3	57	3.8	262	10
18/04/24 12:25	2.756	5.788	8.544	1.397	16.2	58	5.5	262	07
18/04/24 12:30	2.673	5.989	8.662	1.479	16.3	58	3.4	267	10
18/04/24 12:35	3.096	6.615	9.711	1.620	16.4	58	5.0	258	07
18/04/24 12:40	3.004	6.258	9.262	1.555	16.3	57	4.8	251	13
18/04/24 12:45	2.703	5.622	8.325	1.524	16.3	59	4.0	255	15
18/04/24 12:50	2.625	4.844	7.469	1.485	16.4	58	2.7	290	17
18/04/24 12:55	2.238	2.875	5.114	1.442	16.5	57	5.0	257	12
18/04/24 13:00	2.013	3.004	5.016	1.453	16.6	57	4.2	269	08
18/04/24 13:05	1.654	3.080	4.735	1.539	16.6	57	4.6	266	09
18/04/24 13:10	1.422	3.514	4.936	1.602	16.6	59	5.0	263	10
18/04/24 13:15	1.320	3.944	5.264	1.564	16.7	59	5.3	265	09
18/04/24 13:20	1.340	3.802	5.143	1.536	16.7	60	3.3	267	12
18/04/24 13:25	1.483	3.992	5.475	1.486	16.9	59	3.0	284	18
18/04/24 13:30	1.730	4.350	6.080	1.411	17.0	59	5.3	257	13
18/04/24 13:35	1.797	4.358	6.155	1.351	17.0	61	4.6	238	09
18/04/24 13:40	1.483	2.721	4.204	1.283	17.0	61	4.2	234	07
18/04/24 13:45	1.484	2.522	4.006	1.323	16.9	59	5.4	264	08
18/04/24 13:50	1.501	3.253	4.754	1.345	17.0	59	5.2	250	09
18/04/24 13:55	1.439	2.791	4.230	1.377	17.0	59	3.9	246	10
18/04/24 14:00	1.286	2.886	4.172	1.371	17.1	59	3.3	271	19
18/04/24 14:05	1.245	3.816	5.061	1.280	17.2	58	3.7	268	17
18/04/24 14:10	1.289	4.002	5.291	1.250	17.2	59	4.7	270	07
18/04/24 14:15	1.194	4.050	5.244	1.144	17.1	59	5.1	259	09
18/04/24 14:20	1.362	4.565	5.927	1.140	17.1	60	4.2	268	11
18/04/24 14:25	1.215	4.516	5.731	1.032	17.1	60	3.6	273	11
18/04/24 14:30	1.066	4.580	5.646	1.049	17.2	61	4.9	270	09
18/04/24 14:35	1.025	4.694	5.719	1.079	17.1	60	4.7	263	09
18/04/24 14:40	1.050	5.421	6.470	1.061	17.2	60	4.6	262	07
18/04/24 14:45	1.110	5.941	7.052	0.934	17.2	61	4.5	256	07
18/04/24 14:50	1.695	7.954	9.650	1.040	17.3	61	4.9	256	10
18/04/24 14:55	1.797	9.373	11.170	1.060	17.3	61	5.8	262	08
18/04/24 15:00	1.621	7.554	9.174	1.061	17.2	61	6.4	267	08
18/04/24 15:05	1.662	7.144	8.806	1.092	17.1	62	6.3	258	08
18/04/24 15:10	1.939	8.600	10.538	1.040	17.1	64	5.8	266	08
18/04/24 15:15	1.703	6.097	7.800	0.982	17.1	63	5.4	263	14
18/04/24 15:20	1.641	6.670	8.311	1.079	17.2	62	5.5	261	11
18/04/24 15:25	1.570	7.115	8.685	1.050	17.1	63	5.7	259	08
18/04/24 15:30	1.666	7.223	8.889	1.016	17.1	63	5.9	255	11
18/04/24 15:35	2.088	7.982	10.070	1.018	17.2	64	5.8	256	07
18/04/24 15:40	2.180	8.284	10.464	1.101	17.3	63	7.1	256	08
18/04/24 15:45	2.315	10.985	13.300	1.185	17.3	64	6.7	257	09
18/04/24 15:50	2.217	7.540	9.757	1.172	17.2	64	6.6	269	08
18/04/24 15:55	1.863	4.748	6.611	1.220	17.2	64	6.7	265	08
18/04/24 16:00	1.678	5.606	7.284	1.173	17.1	66	5.4	257	08
18/04/24 16:05	1.657	6.382	8.039	1.071	17.0	64	5.9	256	05
18/04/24 16:10	1.696	8.330	10.025	1.110	17.0	65	4.1	270	13
18/04/24 16:15	1.459	6.853	8.312	0.967	17.0	65	4.6	267	10
18/04/24 16:20	1.368	7.144	8.512	0.927	17.0	65	5.6	262	07
18/04/24 16:25	1.465	9.021	10.486	0.981	17.0	65	5.1	268	09
18/04/24 16:30	1.509	10.123	11.632	1.014	17.1	66	4.8	267	14
18/04/24 16:35	1.554	10.559	12.113	1.074	17.1	65	6.5	256	10
18/04/24 16:40	1.458	9.311	10.768	1.128	16.9	68	5.7	261	12

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/04/24 16:45	1.470	8.720	10.190	1.071	16.9	67	5.8	262	06
18/04/24 16:50	1.622	8.852	10.474	0.994	16.8	68	6.5	261	07
18/04/24 16:55	1.359	6.653	8.012	0.999	16.7	69	6.2	266	09
18/04/24 17:00	1.162	7.304	8.466	0.961	16.6	72	3.4	276	13
18/04/24 17:05	1.015	6.978	7.993	0.958	16.3	73	4.9	276	11
18/04/24 17:10	0.968	7.532	8.500	0.989	16.3	74	5.5	265	09
18/04/24 17:15	1.127	9.029	10.156	0.939	16.2	74	5.0	267	06
18/04/24 17:20	1.416	13.539	14.955	0.887	16.2	74	4.2	268	08
18/04/24 17:25	1.694	13.603	15.297	0.849	16.3	74	3.5	285	14
18/04/24 17:30	1.447	6.250	7.697	0.802	16.3	74	4.3	279	12
18/04/24 17:35	1.086	3.603	4.688	0.783	16.1	75	4.3	277	11
18/04/24 17:40	0.885	4.100	4.985	0.761	16.1	76	4.4	277	11
18/04/24 17:45	0.867	4.503	5.370	0.809	16.1	75	3.8	283	17
18/04/24 17:50	0.738	5.098	5.836	0.772	16.1	75	3.4	281	13
18/04/24 17:55	0.618	5.272	5.890	0.745	16.1	74	2.2	282	19
18/04/24 18:00	0.638	6.806	7.444	0.704	16.1	74	1.7	298	17
18/04/24 18:05	0.691	10.983	11.674	0.757	16.0	74	1.8	294	19
18/04/24 18:10	0.765	13.866	14.630	0.721	16.0	73	2.1	288	20
18/04/24 18:15	0.707	13.875	14.582	0.636	16.1	74	2.1	298	16
18/04/24 18:20	0.937	14.770	15.706	0.686	16.1	74	1.7	298	16
18/04/24 18:25	1.110	15.364	16.474	0.770	16.1	73	1.8	301	17
18/04/24 18:30	1.509	16.389	17.898	0.775	16.1	73	1.5	323	15
18/04/24 18:35	3.020	24.271	27.291	0.730	16.0	74	1.4	321	15
18/04/24 18:40	4.176	25.252	29.428	0.665	16.0	74	1.6	311	13
18/04/24 18:45	4.163	23.907	28.071	0.674	16.0	74	1.9	309	13
18/04/24 18:50	4.415	23.427	27.842	0.803	15.9	75	1.7	316	10
18/04/24 18:55	5.318	23.571	28.889	1.035	15.7	76	2.6	310	13
18/04/24 19:00	4.859	20.197	25.056	1.254	15.6	77	2.5	299	10
18/04/24 19:05	4.543	20.025	24.568	1.542	15.6	79	2.3	293	17
18/04/24 19:10	4.021	17.947	21.969	1.428	15.5	80	2.3	291	13
18/04/24 19:15	3.608	17.403	21.010	1.418	15.4	82	2.1	289	16
18/04/24 19:20	3.959	18.678	22.638	1.417	15.2	84	1.9	303	14
18/04/24 19:25	3.693	18.554	22.247	1.320	15.0	84	2.0	300	16
18/04/24 19:30	2.748	12.834	15.582	1.238	14.9	85	1.9	302	19
18/04/24 19:35	1.531	10.032	11.563	1.194	15.0	84	1.9	307	14
18/04/24 19:40	1.095	13.399	14.494	1.241	14.9	85	1.8	318	15
18/04/24 19:45	1.323	17.160	18.483	1.302	14.8	86	1.4	324	20
18/04/24 19:50	1.501	17.596	19.097	1.281	14.9	85	1.5	319	17
18/04/24 19:55	1.623	17.717	19.340	1.128	14.9	85	1.3	325	20
18/04/24 20:00	1.396	17.199	18.596	1.103	15.0	84	1.0	333	25
18/04/24 20:05	1.168	16.575	17.743	1.042	15.0	84	1.4	325	27
18/04/24 20:10	1.455	16.765	18.220	0.939	15.0	84	1.4	334	22
18/04/24 20:15	22.680	13.071	35.751	0.994	15.0	85	1.1	323	24
18/04/24 20:20	25.486	22.754	48.239	1.026	15.0	85	1.1	328	28
18/04/24 20:25	25.118	22.368	47.486	0.992	15.0	86	1.6	320	24
18/04/24 20:30	24.859	22.385	47.243	0.950	14.9	86	1.3	344	26
18/04/24 20:35	25.102	22.260	47.362	0.853	14.7	88	1.0	330	22
18/04/24 20:40	24.243	22.167	46.411	0.909	14.6	89	1.4	8	18
18/04/24 20:45	20.456	22.414	42.870	0.979	14.5	90	1.4	3	20
18/04/24 20:50	10.401	23.670	34.070	0.927	14.5	90	1.7	355	20
18/04/24 20:55	8.431	21.981	30.413	0.930	14.4	90	1.5	6	15
18/04/24 21:00	7.447	21.292	28.739	0.893	14.4	90	1.6	8	16
18/04/24 21:05	6.561	20.997	27.558	0.899	14.4	90	1.4	9	20
18/04/24 21:10	5.846	20.612	26.458	0.959	14.4	90	1.4	356	21
18/04/24 21:15	5.493	20.718	26.212	1.017	14.5	90	1.6	356	15
18/04/24 21:20	5.711	21.062	26.773	1.017	14.5	90	1.5	4	16
18/04/24 21:25	6.064	21.082	27.146	0.975	14.5	90	1.1	6	20
18/04/24 21:30	6.043	21.066	27.109	1.004	14.5	90	1.7	8	11
18/04/24 21:35	5.825	21.038	26.863	0.976	14.5	90	2.0	2	12
18/04/24 21:40	5.734	20.946	26.680	1.070	14.5	89	1.4	353	28
18/04/24 21:45	6.309	20.894	27.203	1.046	14.6	89	1.6	336	18
18/04/24 21:50	8.040	21.046	29.086	0.939	14.8	88	2.0	322	13
18/04/24 21:55	14.649	18.878	33.527	0.983	14.9	87	2.0	302	13
18/04/24 22:00	18.423	20.531	38.954	0.959	15.0	87	2.1	311	12
18/04/24 22:05	17.715	21.101	38.816	0.910	15.1	86	2.0	297	14
18/04/24 22:10	8.755	18.883	27.638	0.991	15.4	84	2.6	291	13
18/04/24 22:15	2.908	17.862	20.770	1.081	15.6	83	2.0	290	19
18/04/24 22:20	3.184	17.368	20.552	1.058	15.6	82	2.2	297	15
18/04/24 22:25	2.678	16.528	19.206	1.133	15.6	82	2.6	292	15
18/04/24 22:30	2.739	16.488	19.228	1.143	15.6	82	2.6	280	16
18/04/24 22:35	2.971	16.380	19.351	1.146	15.7	83	2.6	291	14
18/04/24 22:40	3.478	16.329	19.807	1.116	15.6	83	2.5	288	17
18/04/24 22:45	3.220	15.676	18.896	1.061	15.7	83	2.8	287	15
18/04/24 22:50	2.789	15.103	17.892	1.008	15.6	82	3.0	284	17
18/04/24 22:55	2.439	14.677	17.116	1.068	15.6	83	2.8	288	13
18/04/24 23:00	2.162	13.972	16.134	1.083	15.6	84	2.5	283	16
18/04/24 23:05	1.711	13.063	14.774	1.175	15.6	84	2.3	287	16
18/04/24 23:10	1.430	12.139	13.569	1.149	15.6	84	3.2	275	12
18/04/24 23:15	1.389	11.637	13.026	1.104	15.5	85	2.3	283	18
18/04/24 23:20	1.214	11.523	12.738	1.137	15.4	86	3.3	271	14
18/04/24 23:25	1.144	11.277	12.421	1.134	15.3	88	3.9	266	07
18/04/24 23:30	1.294	11.566	12.860	1.135	15.1	89	4.7	266	08
18/04/24 23:35	1.293	11.377	12.669	1.128	15.1	90	4.8	259	08
18/04/24 23:40	2.110	11.677	13.787	1.110	15.1	90	4.8	258	09
18/04/24 23:45	2.760	11.794	14.554	1.004	15.0	91	4.8	260	09
18/04/24 23:50	5.168	17.462	22.629		15.1	91	4.5	257	09
18/04/24 23:55	5.428	14.261	19.689		15.1	92	4.6	263	06
19/04/24 00:00	4.733	12.981	17.714	0.865	15.2	92	5.0	258	07
19/04/24 00:05	4.502	12.642	17.144	0.777	15.3	92	4.7	261	07
19/04/24 00:10	6.737	18.445	25.182	0.671	15.2	92	4.7	264	06
19/04/24 00:15	2.485	10.045	12.531	0.731	15.1	92	4.7	263	08
19/04/24 00:20	3.113	12.403	15.516	0.730	15.2	92	4.6	265	05
19/04/24 00:25	3.342	12.981	16.324	0.658	15.2	92	4.3	263	07
19/04/24 00:30	3.521	13.777	17.298	0.621	15.2	92	3.8	262	10
19/04/24 00:35	4.437	14.331	18.768	0.577	15.1	91	4.7	258	08
19/04/24 00:40	8.172	20.479	28.651	0.699	15.2	91	4.0	268	08
19/04/24 00:45	4.298	11.919	16.217	0.786	15.2	91	3.9	265	09
19/04/24 00:50	4.253	11.919	16.173	0.863	15.2	91	4.0	261	07
19/04/24 00:55	5.257	12.554	17.811	0.718	15.3	91	3.6	263	08
19/04/24 01:00	5.442	13.514	18.956	0.741	15.3	91	4.3	266	08
19/04/24 01:05					15.3	90	4.7	255	06
19/04/24 01:10					15.3	90	5.0	252	07
19/04/24 01:15					15.2	90	4.8	252	07
19/04/24 01:20					15.3	90	4.8	249	08

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/04/24 01:25					15.2	89	4.4	247	08
19/04/24 01:30					15.2	90	4.9	251	09
19/04/24 01:35					15.2	89	5.0	250	07
19/04/24 01:40					15.2	89	5.3	252	07
19/04/24 01:45					15.1	89	4.9	254	07
19/04/24 01:50					15.1	89	5.2	255	06
19/04/24 01:55					15.0	89	4.7	250	07
19/04/24 02:00					14.9	89	4.5	254	07
19/04/24 02:05	13.222	16.779	30.000	0.939	14.9	89	4.8	255	07
19/04/24 02:10	13.152	13.867	27.019	0.902	14.9	89	5.2	253	06
19/04/24 02:15	8.318	11.125	19.443	0.952	14.9	88	5.1	247	08
19/04/24 02:20	1.043	4.789	5.832	1.088	15.0	86	5.3	244	07
19/04/24 02:25	0.410	4.013	4.423	1.003	15.0	86	5.5	238	09
19/04/24 02:30	0.391	3.346	3.737	0.987	15.0	87	4.1	242	08
19/04/24 02:35	0.411	3.428	3.839	0.918	14.9	87	4.0	244	12
19/04/24 02:40	0.582	4.125	4.707	0.939	14.8	86	4.4	253	09
19/04/24 02:45	1.256	5.472	6.729	0.900	14.8	86	5.2	254	07
19/04/24 02:50	1.584	6.145	7.729	0.813	14.8	86	5.2	255	07
19/04/24 02:55	1.982	8.523	10.505	0.700	14.6	86	5.7	253	07
19/04/24 03:00	2.232	8.192	10.424	0.649	14.5	85	6.3	249	07
19/04/24 03:05	2.204	6.523	8.727	0.709	14.5	86	6.0	252	08
19/04/24 03:10	2.433	7.964	10.397	0.766	14.4	85	6.1	254	09
19/04/24 03:15	2.718	7.341	10.059	0.846	14.4	85	6.8	249	08
19/04/24 03:20	2.353	6.203	8.556	0.970	14.4	85	6.6	244	06
19/04/24 03:25	1.971	5.283	7.254	0.941	14.3	87	6.3	239	07
19/04/24 03:30	1.506	1.332	2.838	0.978	14.1	90	8.2	239	05
19/04/24 03:35	1.201	1.328	2.529	0.931	13.9	93	7.6	247	06
19/04/24 03:40	1.047	1.799	2.846	0.834	13.7	95	7.4	246	08
19/04/24 03:45	0.914	2.367	3.280	0.758	13.7	95	6.4	245	09
19/04/24 03:50	0.776	2.809	3.585	0.633	13.7	95	5.7	249	09
19/04/24 03:55	1.071	6.671	7.742	0.599	13.5	95	6.0	252	08
19/04/24 04:00	1.733	13.023	14.757	0.594	13.4	95	6.4	250	09
19/04/24 04:05	1.765	9.236	11.001	0.535	13.4	94	6.5	247	06
19/04/24 04:10	1.728	8.082	9.810	0.588	13.2	94	6.1	249	08
19/04/24 04:15	1.684	7.864	9.548	0.545	13.3	94	6.3	247	06
19/04/24 04:20	1.975	9.204	11.178	0.596	13.3	94	5.7	252	07
19/04/24 04:25	3.282	18.711	21.993	0.683	13.4	94	5.5	251	07
19/04/24 04:30	3.964	14.111	18.075	0.724	13.3	94	5.3	252	06
19/04/24 04:35	3.484	11.691	15.175	0.725	13.3	95	5.8	258	08
19/04/24 04:40	8.149	20.517	28.666	0.706	13.3	95	5.1	253	09
19/04/24 04:45	20.107	19.144	39.251	0.759	13.4	95	5.4	257	07
19/04/24 04:50	1.410	7.971	9.382	0.651	13.4	95	5.5	258	09
19/04/24 04:55	0.486	5.863	6.349	0.575	13.3	94	5.7	257	06
19/04/24 05:00	0.495	6.181	6.675	0.527	13.4	94	6.1	249	08
19/04/24 05:05	0.873	7.332	8.205	0.568	13.3	95	5.3	246	09
19/04/24 05:10	0.888	6.252	7.140	0.627	13.3	96	5.3	244	07
19/04/24 05:15	0.804	5.207	6.012	0.583	13.3	96	5.3	248	10
19/04/24 05:20	0.784	4.291	5.075	0.572	13.3	97	5.3	228	19
19/04/24 05:25	0.589	3.405	3.994	0.547	13.3	95	5.1	234	09
19/04/24 05:30	0.436	2.834	3.270	0.539	13.4	95	5.5	252	08
19/04/24 05:35	0.369	3.030	3.399	0.566	13.2	96	4.5	256	08
19/04/24 05:40	0.470	4.333	4.802	0.577	13.2	96	4.2	261	08
19/04/24 05:45	0.662	6.421	7.083	0.513	13.3	97	4.3	257	08
19/04/24 05:50	0.664	6.905	7.569	0.457	13.4	96	4.6	264	05
19/04/24 05:55	0.816	8.025	8.841	0.473	13.4	95	4.8	263	06
19/04/24 06:00	1.190	9.644	10.834	0.463	13.5	96	4.3	265	17
19/04/24 06:05	0.948	5.648	6.597	0.549	14.0	94	4.4	191	18
19/04/24 06:10	0.692	1.449	2.140	0.511	14.7	87	4.2	185	13
19/04/24 06:15	0.466	0.518	0.984	0.452	15.1	84	4.6	185	14
19/04/24 06:20	0.362	0.456	0.818	0.468	15.2	83	3.8	179	15
19/04/24 06:25	0.382	1.479	1.861	0.565	15.3	81	5.6	192	11
19/04/24 06:30	0.748	2.902	3.650	0.556	14.9	86	6.9	192	09
19/04/24 06:35	0.625	1.568	2.193	0.567	14.6	87	6.4	195	08
19/04/24 06:40	0.354	1.204	1.558	0.525	14.6	88	4.4	166	26
19/04/24 06:45	0.267	0.980	1.247	0.570	14.9	87	5.0	142	12
19/04/24 06:50	0.202	0.932	1.134	0.621	15.1	84	3.2	149	22
19/04/24 06:55	0.115	0.977	1.092	0.558	15.1	83	4.0	139	16
19/04/24 07:00	0.190	0.883	1.072	0.636	15.1	81	3.6	152	21
19/04/24 07:05	0.127	0.770	0.897	0.733	15.2	80	3.6	154	20
19/04/24 07:10	0.084	0.602	0.687	0.681	15.2	81	3.3	149	23
19/04/24 07:15	0.124	0.579	0.703	0.608	15.1	82	4.3	137	15
19/04/24 07:20	0.039	0.681	0.720	0.563	15.1	82	3.5	127	15
19/04/24 07:25	-0.041	0.837	0.796	0.460	14.9	82	3.1	128	16
19/04/24 07:30	-0.011	0.969	0.958	0.432	14.9	83	2.9	130	15
19/04/24 07:35	-0.031	1.058	1.027	0.409	14.8	81	3.6	133	14
19/04/24 07:40	0.061	1.282	1.343	0.471	15.0	82	2.3	129	20
19/04/24 07:45	0.166	1.519	1.685	0.611	15.1	81	2.1	124	18
19/04/24 07:50	0.219	1.836	2.056	0.605	15.2	81	2.4	121	16
19/04/24 07:55	0.373	2.332	2.704	0.537	15.1	82	2.5	121	15
19/04/24 08:00	0.401	2.763	3.165	0.567	15.1	83	1.7	116	17
19/04/24 08:05	0.522	3.085	3.608	0.585	15.1	84	2.1	109	12
19/04/24 08:10	0.744	3.758	4.502	0.640	15.0	84	2.0	103	10
19/04/24 08:15	0.927	4.433	5.359	0.531	15.1	83	2.4	116	19
19/04/24 08:20	0.869	4.366	5.235	0.530	15.2	83	3.0	105	09
19/04/24 08:25	0.834	4.383	5.217	0.565	15.1	83	1.6	121	18
19/04/24 08:30	0.946	4.750	5.695	0.537	15.2	81	2.1	138	27
19/04/24 08:35	0.899	4.126	5.025	0.576	15.6	75	3.2	168	27
19/04/24 08:40	0.684	3.068	3.752	0.454	16.0	73	2.7	167	27
19/04/24 08:45	0.575	1.651	2.226	0.532	16.1	70	2.8	162	25
19/04/24 08:50	0.423	0.899	1.322	0.551	16.2	71	3.6	177	21
19/04/24 08:55	0.311	0.645	0.955	0.507	16.2	71	4.3	185	11
19/04/24 09:00	0.184	0.668	0.852	0.558	16.1	69	4.5	185	09
19/04/24 09:05	-0.001	0.682	0.681	0.559	16.3	68	4.8	188	12
19/04/24 09:10	-0.058	0.713	0.655	0.545	16.3	68	4.3	181	13
19/04/24 09:15	-0.029	0.785	0.756	0.492	16.4	67	4.3	183	11
19/04/24 09:20	0.016	0.843	0.859	0.430	16.4	68	3.6	185	12
19/04/24 09:25	0.059	0.757	0.816	0.530	16.5	67	3.9	186	11
19/04/24 09:30	0.114	0.703	0.817	0.556	16.9	66	3.6	182	16
19/04/24 09:35	0.130	0.664	0.794	0.607	17.0	65	3.8	183	11
19/04/24 09:40	0.103	0.598	0.701	0.630	17.1	63	3.7	185	12
19/04/24 09:45	0.108	0.607	0.715	0.603	17.1	64	4.0	190	11
19/04/24 09:50	0.094	0.595	0.689	0.558	17.2	63	4.5	188	11
19/04/24 09:55	0.172	0.731	0.903	0.512	17.1	63	4.2	185	14
19/04/24 10:00	0.289	0.881	1.170	0.459	17.2	63	5.0	188	11

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/04/24 10:05	0.370	0.912	1.282	0.546	17.2	63	4.1	185	12
19/04/24 10:10	0.323	0.970	1.293	0.530	17.1	63	4.5	187	11
19/04/24 10:15	0.351	0.904	1.255	0.616	17.2	62	4.3	188	11
19/04/24 10:20	0.251	0.853	1.104	0.634	17.2	62	4.5	187	10
19/04/24 10:25	0.259	0.683	0.942	0.510	17.2	62	4.1	188	12
19/04/24 10:30	0.326	0.627	0.954	0.463	17.2	64	2.7	178	18
19/04/24 10:35	0.229	0.721	0.950	0.334	17.4	64	3.1	178	14
19/04/24 10:40	0.127	0.719	0.846	0.314	17.3	63	2.8	177	20
19/04/24 10:45	0.068	0.772	0.840	0.297	17.5	62	2.1	159	32
19/04/24 10:50	0.074	0.831	0.905	0.330	17.8	63	2.6	174	19
19/04/24 10:55	0.115	0.826	0.941	0.386	17.9	61	2.4	169	26
19/04/24 11:00	0.162	0.800	0.962	0.330	17.8	63	2.5	173	26
19/04/24 11:05	0.144	0.823	0.967	0.254	17.5	64	2.9	166	25
19/04/24 11:10	0.214	0.806	1.019	0.429	17.4	64	2.2	156	28
19/04/24 11:15	0.357	0.836	1.192	0.508	17.7	66	2.3	179	17
19/04/24 11:20	0.475	0.759	1.234	0.512	17.8	65	2.3	173	20
19/04/24 11:25	0.474	0.734	1.208	0.464	17.9	66	2.7	175	15
19/04/24 11:30	0.305	0.790	1.095	0.416	17.8	65	2.8	174	20
19/04/24 11:35	0.158	0.824	0.982	0.466	17.3	66	3.5	146	17
19/04/24 11:40	0.109	0.749	0.858	0.508	16.3	75	3.2	153	25
19/04/24 11:45	0.115	0.693	0.808	0.585	16.1	76	2.2	162	22
19/04/24 11:50	0.072	0.640	0.712	0.625	16.3	74	2.2	155	24
19/04/24 11:55	0.002	0.608	0.610	0.583	16.5	73	2.7	150	22
19/04/24 12:00	-0.035	0.565	0.530	0.550	16.7	73	2.4	158	27
19/04/24 12:05	-0.074	0.593	0.519	0.575	16.8	72	3.4	145	17
19/04/24 12:10	-0.062	0.654	0.591	0.567	16.5	74	2.8	152	21
19/04/24 12:15	0.093	0.622	0.715	0.676	16.6	75	2.1	162	28
19/04/24 12:20	0.116	0.598	0.714	0.611	16.7	75	2.7	165	23
19/04/24 12:25	0.087	0.574	0.661	0.495	16.6	74	2.0	156	27
19/04/24 12:30	0.221	0.606	0.827	0.425	16.5	76	2.4	156	24
19/04/24 12:35	0.260	0.572	0.833	0.382	16.5	77	1.8	158	26
19/04/24 12:40	0.181	0.625	0.806	0.402	17.1	76	1.3	170	30
19/04/24 12:45	0.006	0.729	0.734	0.366	17.4	74	1.8	146	22
19/04/24 12:50	0.100	0.709	0.809	0.320	17.6	74	1.9	149	22
19/04/24 12:55	0.133	0.685	0.819	0.336	17.8	72	2.4	159	26
19/04/24 13:00	0.111	0.681	0.791	0.399	17.8	70	1.8	176	25
19/04/24 13:05	0.154	0.702	0.856	0.419	17.8	71	3.4	182	16
19/04/24 13:10	0.189	0.681	0.870	0.291	17.3	73	3.5	184	11
19/04/24 13:15	0.147	0.723	0.871	0.203	17.3	76	3.3	190	10
19/04/24 13:20	0.072	0.700	0.772	0.152	17.5	76	4.0	193	12
19/04/24 13:25	0.064	0.700	0.765	0.171	17.7	77	3.9	189	09
19/04/24 13:30	0.032	0.720	0.752	0.282	17.3	78	5.0	190	11
19/04/24 13:35	0.153	0.698	0.851	0.333	17.1	79	5.3	193	08
19/04/24 13:40	0.122	0.648	0.770	0.396	17.2	80	4.6	193	10
19/04/24 13:45	0.091	0.670	0.761	0.377	17.4	79	5.2	192	08
19/04/24 13:50	0.097	0.614	0.711	0.334	17.1	80	4.6	193	09
19/04/24 13:55	0.063	0.855	0.919	0.311	17.1	81	4.8	193	09
19/04/24 14:00	0.319	1.208	1.527	0.353	17.2	81	4.7	192	08
19/04/24 14:05	0.378	1.134	1.512	0.341	17.2	81	4.7	191	09
19/04/24 14:10	0.300	1.035	1.335	0.333	17.2	81	5.0	193	10
19/04/24 14:15	0.317	0.980	1.297	0.296	17.3	82	6.4	199	07
19/04/24 14:20	0.227	0.999	1.225	0.335	17.4	81	6.1	198	07
19/04/24 14:25	0.146	1.081	1.227	0.357	17.3	81	6.5	200	05
19/04/24 14:30	0.123	1.022	1.145	0.380	17.6	80	5.7	197	07
19/04/24 14:35	0.092	0.991	1.083	0.349	17.9	77	5.1	196	09
19/04/24 14:40	0.068	0.922	0.990	0.317	18.0	78	6.1	200	04
19/04/24 14:45	0.068	0.813	0.881	0.326	17.9	78	6.4	200	05
19/04/24 14:50	0.094	0.796	0.890	0.288	18.0	75	5.5	197	05
19/04/24 14:55	0.109	0.839	0.948	0.249	18.2	75	4.1	191	09
19/04/24 15:00	0.142	0.894	1.036	0.291	18.5	74	4.2	195	11
19/04/24 15:05	0.193	0.960	1.152	0.415	18.6	74	2.9	177	16
19/04/24 15:10	0.186	0.964	1.151	0.525	18.7	72	3.4	185	13
19/04/24 15:15	0.255	0.927	1.181	0.445	18.6	72	3.3	185	14
19/04/24 15:20	0.266	0.842	1.108	0.522	18.6	73	3.2	180	15
19/04/24 15:25	0.262	0.844	1.107	0.557	18.7	72	3.3	175	20
19/04/24 15:30	0.247	0.775	1.022	0.656	18.7	72	3.5	171	19
19/04/24 15:35	0.244	0.719	0.962	0.538	18.7	72	3.1	181	17
19/04/24 15:40	0.235	0.773	1.008	0.465	18.7	72	3.1	184	17
19/04/24 15:45	0.209	0.799	1.008	0.390	18.9	71	3.1	179	17
19/04/24 15:50	0.229	0.973	1.202	0.383	18.9	68	3.2	176	19
19/04/24 15:55	0.282	0.942	1.224	0.374	18.9	69	3.1	181	19
19/04/24 16:00	0.321	0.945	1.266	0.316	18.9	70	2.9	182	18
19/04/24 16:05	0.234	0.965	1.200	0.251	18.9	71	3.1	179	22
19/04/24 16:10	0.250	1.014	1.265	0.330	18.6	72	2.8	166	27
19/04/24 16:15	0.333	1.189	1.523	0.255	18.3	73	2.1	170	32
19/04/24 16:20	0.275	1.177	1.452	0.262	18.1	73	1.9	167	34
19/04/24 16:25	0.187	1.125	1.312	0.206	17.9	75	1.5	167	37
19/04/24 16:30	0.211	1.100	1.311	0.327	17.8	77	1.9	161	31
19/04/24 16:35	0.127	1.195	1.321	0.300	17.7	76	2.0	163	28
19/04/24 16:40	0.005	1.193	1.199	0.338	17.8	75	2.4	157	26
19/04/24 16:45	-0.056	1.179	1.123	0.344	18.0	73	2.0	159	28
19/04/24 16:50	0.019	1.104	1.123	0.314	18.2	73	1.9	172	28
19/04/24 16:55	0.017	1.001	1.017	0.374	18.3	72	2.5	173	18
19/04/24 17:00	0.075	1.000	1.075	0.363	18.3	73	2.5	174	24
19/04/24 17:05	-0.039	1.061	1.022	0.268	18.3	73	2.2	167	29
19/04/24 17:10	-0.066	1.143	1.077	0.278	17.9	76	2.8	158	25
19/04/24 17:15	-0.022	1.327	1.305	0.237	17.7	72	4.8	138	15
19/04/24 17:20	0.045	1.498	1.543	0.288	17.8	71	5.4	139	10
19/04/24 17:25	0.063	1.668	1.732	0.399	17.8	70	5.0	142	12
19/04/24 17:30	0.094	1.843	1.937	0.412	17.8	70	4.7	142	15
19/04/24 17:35	0.076	1.886	1.962	0.376	17.9	69	4.2	145	14
19/04/24 17:40	-0.048	1.862	1.814	0.367	17.9	70	3.5	147	22
19/04/24 17:45	0.042	1.855	1.897	0.450	17.8	70	3.8	144	12
19/04/24 17:50	0.075	1.915	1.990	0.531	17.8	70	3.6	145	16
19/04/24 17:55	0.076	1.925	2.001	0.597	17.7	71	2.3	153	21
19/04/24 18:00	0.015	1.900	1.914	0.587	17.7	72	2.9	150	21
19/04/24 18:05	-0.087	1.755	1.668	0.538	17.7	74	3.0	172	23
19/04/24 18:10	0.020	1.565	1.585	0.428	17.6	76	3.4	173	22
19/04/24 18:15	0.047	1.418	1.465	0.487	17.3	77	3.5	176	17
19/04/24 18:20	-0.007	1.289	1.282	0.506	17.5	76	3.1	166	26
19/04/24 18:25	-0.046	1.160	1.114	0.511	17.5	74	4.9	148	15
19/04/24 18:30	0.014	1.161	1.175	0.490	17.6	72	6.0	145	13
19/04/24 18:35	0.110	1.152	1.262	0.540	17.6	72	5.1	146	14
19/04/24 18:40	0.061	1.212	1.273	0.406	17.6	73	4.5	149	19

Station Pier Ambient Air Quality Monitoring									
April 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/04/24 18:45	0.188	1.118	1.306	0.354	17.5	72	3.3	152	24
19/04/24 18:50	0.197	1.042	1.239	0.343	17.5	74	2.7	158	33
19/04/24 18:55	0.203	0.999	1.202	0.323	17.4	74	4.4	151	22
19/04/24 19:00	0.145	0.951	1.097	0.295	17.4	74	4.0	148	20
19/04/24 19:05	0.035	0.985	1.020	0.288	17.4	75	2.7	164	34
19/04/24 19:10	0.128	1.025	1.153	0.290	17.3	75	3.7	151	27
19/04/24 19:15	0.117	1.057	1.174	0.255	17.3	74	5.9	144	10
19/04/24 19:20	0.040	1.172	1.212	0.254	17.2	75	4.9	141	13
19/04/24 19:25	0.101	1.340	1.442	0.387	17.1	73	5.0	135	11
19/04/24 19:30	0.090	1.527	1.616	0.371	17.0	74	4.8	137	10
19/04/24 19:35	-0.017	1.712	1.695	0.311	17.0	74	5.3	136	10
19/04/24 19:40	-0.020	1.801	1.782	0.348	17.1	75	5.7	139	09
19/04/24 19:45	0.091	1.797	1.888	0.335	17.0	75	5.5	141	10
19/04/24 19:50	0.127	1.807	1.934	0.382	17.0	76	4.5	144	19
19/04/24 19:55	0.118	1.669	1.787	0.399	16.9	76	4.4	149	17
19/04/24 20:00	0.103	1.604	1.706	0.419	16.9	77	3.5	149	22
19/04/24 20:05	0.022	1.694	1.717	0.443	16.8	77	4.3	149	17
19/04/24 20:10	-0.063	1.759	1.696	0.420	16.8	77	5.2	141	12
19/04/24 20:15	-0.076	1.736	1.660	0.446	16.7	76	5.7	141	12
19/04/24 20:20	-0.106	1.701	1.594	0.410	16.7	75	5.9	136	09
19/04/24 20:25	-0.103	1.651	1.548	0.248	16.6	76	4.4	133	14
19/04/24 20:30	-0.002	1.658	1.656	0.228	16.6	77	3.8	134	17
19/04/24 20:35	-0.016	1.766	1.750	0.256	16.5	77	3.0	124	22
19/04/24 20:40	0.098	1.956	2.054	0.365	16.4	77	3.2	125	17
19/04/24 20:45	0.153	2.089	2.242	0.332	16.3	77	3.2	127	15
19/04/24 20:50	0.028	2.110	2.139	0.308	16.3	78	2.7	124	20
19/04/24 20:55	-0.053	2.237	2.184	0.403	16.1	77	2.7	123	22
19/04/24 21:00	-0.094	2.350	2.256	0.367	16.1	78	2.6	127	21
19/04/24 21:05	-0.099	2.526	2.427	0.185	16.2	78	3.0	127	20
19/04/24 21:10	-0.089	2.674	2.585	0.190	16.0	78	2.4	123	21
19/04/24 21:15	-0.098	2.872	2.775	0.191	16.0	78	3.1	128	15
19/04/24 21:20	-0.065	3.061	2.996	0.249	15.9	78	2.5	127	18
19/04/24 21:25	-0.071	3.259	3.189	0.279	15.8	78	2.7	130	19
19/04/24 21:30	-0.132	3.287	3.156	0.318	15.8	79	2.3	126	20
19/04/24 21:35	-0.194	3.264	3.070	0.312	15.8	80	1.8	125	25
19/04/24 21:40	-0.168	3.273	3.105	0.224	15.8	82	1.8	121	23
19/04/24 21:45	-0.150	3.301	3.151	0.242	15.7	81	2.5	120	12
19/04/24 21:50	-0.189	3.480	3.291	0.296	15.6	81	2.4	119	16
19/04/24 21:55	-0.168	3.662	3.494	0.298	15.5	81	2.4	123	18
19/04/24 22:00	-0.059	3.851	3.792	0.354	15.5	82	2.5	119	13
19/04/24 22:05	0.062	4.114	4.176	0.347	15.5	82	2.0	121	18
19/04/24 22:10	0.165	4.411	4.576	0.481	15.4	82	2.5	120	13
19/04/24 22:15	0.201	4.670	4.871	0.571	15.3	82	2.5	120	13
19/04/24 22:20	0.110	4.956	5.067	0.545	15.2	83	2.1	120	18
19/04/24 22:25	0.128	5.258	5.386	0.413	15.1	83	2.3	120	13
19/04/24 22:30	0.048	5.633	5.681	0.450	15.1	84	2.5	116	10
19/04/24 22:35	-0.020	6.030	6.010	0.451	15.2	83	2.4	108	13
19/04/24 22:40	0.009	6.905	6.914	0.460	14.9	83	3.0	113	08
19/04/24 22:45	0.079	7.593	7.672	0.375	14.9	83	1.8	121	17
19/04/24 22:50	0.242	8.120	8.361	0.452	14.9	84	2.4	117	11
19/04/24 22:55	0.243	8.668	8.911	0.382	14.9	84	2.0	119	15
19/04/24 23:00	0.246	9.252	9.498	0.342	14.9	83	1.9	119	20
19/04/24 23:05	0.247	9.679	9.927	0.233	14.9	84	1.9	121	17
19/04/24 23:10	0.297	9.899	10.196	0.195	14.9	84	2.1	130	19
19/04/24 23:15	0.180	9.924	10.104	0.176	14.8	83	2.7	133	12
19/04/24 23:20	0.064	9.982	10.045	0.259	14.9	83	2.6	133	11
19/04/24 23:25	0.030	10.228	10.259	0.359	14.8	83	3.0	141	11
19/04/24 23:30	0.062	10.432	10.494	0.411	14.8	83	3.1	143	13
19/04/24 23:35	0.214	10.234	10.449	0.449	14.9	82	2.8	144	17
19/04/24 23:40	0.350	9.800	10.150	0.429	14.9	82	2.9	138	12
19/04/24 23:45	0.357	9.284	9.642	0.357	14.9	82	2.7	137	14
19/04/24 23:50	0.199	8.898	9.098		14.9	81	2.7	133	11
19/04/24 23:55	0.056	8.854	8.911		14.9	82	2.7	134	11
20/04/24 00:00	0.075	9.312	9.386	0.417	14.8	82	2.4	138	15
20/04/24 00:05	0.026	9.352	9.378	0.455	14.8	82	2.5	132	15
20/04/24 00:10	0.030	9.082	9.112	0.477	14.8	81	1.9	130	17
20/04/24 00:15	0.015	9.066	9.081	0.663	14.8	83	1.5	131	24
20/04/24 00:20	0.110	8.821	8.930	0.659	14.7	82	2.1	136	17
20/04/24 00:25	0.172	8.571	8.743	0.737	14.8	82	2.5	141	12
20/04/24 00:30	0.133	8.224	8.358	0.656	14.7	81	2.4	144	16
20/04/24 00:35	0.126	7.515	7.641	0.712	14.6	82	2.5	144	17
20/04/24 00:40	0.124	6.446	6.570	0.686	14.7	81	2.4	147	16
20/04/24 00:45	0.084	5.179	5.263	0.713	14.9	80	2.5	141	13
20/04/24 00:50	0.083	3.670	3.752	0.734	15.0	78	2.7	134	18
20/04/24 00:55	0.115	3.025	3.140	0.813	15.1	79	2.1	132	18
20/04/24 01:00	0.138	2.866	3.005	0.876	15.0	79	2.5	130	14
20/04/24 01:05					15.0	78	3.0	135	14
20/04/24 01:10					14.9	79	2.5	136	13
20/04/24 01:15					14.9	80	2.8	135	12
20/04/24 01:20					14.9	80	1.5	128	22
20/04/24 01:25					14.8	81	1.7	125	20
20/04/24 01:30					14.7	82	1.6	122	23
20/04/24 01:35					14.6	83	1.4	125	24
20/04/24 01:40					14.5	84	1.0	116	26
20/04/24 01:45					14.2	86	1.3	121	19
20/04/24 01:50					14.2	85	1.7	116	14
20/04/24 01:55					14.2	84	1.6	113	17
20/04/24 02:00					14.0	84	1.7	99	11
20/04/24 02:05	0.113	3.742	3.855	0.852	13.6	84	1.4	95	08
20/04/24 02:10	0.128	4.279	4.408	0.902	13.4	85	1.7	101	09
20/04/24 02:15	0.177	4.797	4.974	0.878	13.5	86	1.5	107	12
20/04/24 02:20	0.181	5.132	5.313	0.883	13.6	88	1.3	122	21
20/04/24 02:25	0.199	4.977	5.175	0.862	13.8	87	2.1	137	18
20/04/24 02:30	0.085	4.504	4.590	0.869	14.4	84	2.7	144	13
20/04/24 02:35	0.087	3.929	4.016	0.714	14.5	81	2.5	148	18
20/04/24 02:40	0.163	3.435	3.598	0.649	14.7	80	3.4	142	09
20/04/24 02:45	0.212	2.986	3.198	0.751	14.9	80	3.2	139	12
20/04/24 02:50	0.170	2.682	2.852	0.774	14.9	80	1.8	127	24
20/04/24 02:55	0.193	2.552	2.745	0.752	14.8	81	2.0	118	20
20/04/24 03:00	0.133	2.715	2.848	0.742	14.6	83	2.5	109	11
20/04/24 03:05	0.055	2.887	2.942	0.765	14.4	83	2.5	115	14
20/04/24 03:10	0.110	2.999	3.109	0.763	14.1	82	2.7	101	08
20/04/24 03:15	0.095	3.314	3.408	0.752	13.7	84	2.4	105	07
20/04/24 03:20	0.149	3.486	3.635	0.805	13.7	85	2.3	108	07

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/04/24 03:25	0.096	3.664	3.760	0.920	13.5	84	2.5	105	07
20/04/24 03:30	0.022	3.835	3.856	0.960	13.5	84	3.0	104	07
20/04/24 03:35	-0.151	4.096	3.945	0.927	13.4	82	3.0	99	06
20/04/24 03:40	-0.110	4.285	4.176	0.899	13.3	81	2.8	98	05
20/04/24 03:45	0.018	4.438	4.456	0.901	13.2	81	2.6	98	07
20/04/24 03:50	0.108	4.596	4.704	0.810	13.0	81	2.1	93	06
20/04/24 03:55	0.187	4.844	5.031	0.816	13.0	81	2.1	93	05
20/04/24 04:00	0.198	4.982	5.180	0.828	13.0	81	2.1	90	07
20/04/24 04:05	0.219	4.909	5.128	0.789	13.1	81	1.9	90	09
20/04/24 04:10	0.238	4.867	5.105	0.846	13.1	81	1.7	83	11
20/04/24 04:15	0.267	5.095	5.362	0.908	12.9	82	1.3	76	12
20/04/24 04:20	0.348	5.802	6.150	0.992	12.5	83	1.1	72	09
20/04/24 04:25	0.652	6.671	7.323	0.987	12.4	85	1.2	62	13
20/04/24 04:30	1.093	7.741	8.835	0.953	12.3	85	1.5	67	08
20/04/24 04:35	0.877	8.415	9.292	0.989	12.3	85	1.1	72	08
20/04/24 04:40	0.798	8.810	9.607	0.795	12.3	85	1.1	85	08
20/04/24 04:45	0.644	8.917	9.561	0.683	12.3	84	1.0	81	07
20/04/24 04:50	0.447	9.100	9.548	0.716	12.3	85	1.1	77	11
20/04/24 04:55	0.344	9.101	9.445	0.809	12.3	85	1.1	82	09
20/04/24 05:00	0.264	9.081	9.345	0.896	12.3	84	1.3	99	09
20/04/24 05:05	0.146	9.338	9.484	0.934	12.4	84	1.5	99	04
20/04/24 05:10	0.106	9.698	9.804	0.996	12.4	84	1.2	90	05
20/04/24 05:15	0.072	9.958	10.030	1.095	12.3	84	1.0	83	06
20/04/24 05:20	0.072	10.268	10.340	1.124	12.2	85	0.9	69	08
20/04/24 05:25	-0.001	10.568	10.566	0.983	12.0	86	0.7	60	14
20/04/24 05:30	0.000	11.318	11.318	0.935	12.1	86	0.5	41	11
20/04/24 05:35	0.052	12.046	12.098	0.913	12.1	86	0.9	44	04
20/04/24 05:40	0.230	12.431	12.662	0.864	12.1	86	1.1	48	03
20/04/24 05:45	0.467	12.593	13.060	0.924	12.0	86	0.9	46	05
20/04/24 05:50	0.584	12.946	13.530	0.785	12.0	88	0.3	346	57
20/04/24 05:55	0.761	13.375	14.136	0.820	12.1	88	0.2	23	44
20/04/24 06:00	0.706	13.651	14.357	0.860	12.1	86	0.6	68	08
20/04/24 06:05	0.741	13.677	14.419	0.964	12.0	87	0.4	87	24
20/04/24 06:10	1.145	13.829	14.973	0.999	11.9	87	0.1	22	73
20/04/24 06:15	1.590	13.894	15.484	1.088	11.9	87	0.4	11	23
20/04/24 06:20	2.327	15.097	17.424	1.032	11.7	87	0.8	20	07
20/04/24 06:25	2.610	15.436	18.046	0.966	11.6	88	0.9	16	06
20/04/24 06:30	3.055	15.488	18.544	0.930	11.7	88	0.9	351	20
20/04/24 06:35	3.492	15.663	19.155	0.922	11.7	88	0.7	327	16
20/04/24 06:40	11.784	16.594	28.378	0.883	11.8	90	0.9	320	23
20/04/24 06:45	29.340	17.906	47.245	0.933	11.7	88	0.5	308	25
20/04/24 06:50	54.660	19.069	73.729	1.067	11.5	88	0.9	354	24
20/04/24 06:55	59.291	21.526	80.818	1.131	11.4	89	1.4	359	10
20/04/24 07:00	60.769	20.854	81.623	1.138	11.3	90	1.0	344	20
20/04/24 07:05	72.325	19.345	91.669	1.296	11.4	91	0.7	325	28
20/04/24 07:10	79.300	18.050	97.349	1.434	11.6	90	0.7	314	28
20/04/24 07:15	85.598	19.462	105.060	1.621	11.6	89	0.9	350	24
20/04/24 07:20	94.065	19.478	113.543	1.646	11.5	89	1.1	340	16
20/04/24 07:25	109.610	13.296	122.906	1.719	11.5	89	1.0	351	13
20/04/24 07:30	120.486	21.578	142.064	1.844	11.7	88	0.9	347	19
20/04/24 07:35	122.000	24.379	146.380	1.968	11.8	87	0.6	330	30
20/04/24 07:40	128.166	24.332	152.497	2.054	11.9	86	1.0	8	16
20/04/24 07:45	131.734	22.893	154.627	1.980	11.7	88	1.1	313	18
20/04/24 07:50	132.096	24.400	156.496	2.052	11.6	88	1.0	360	15
20/04/24 07:55	136.927	27.730	164.657	2.160	11.4	88	1.6	7	08
20/04/24 08:00	140.681	25.114	165.794	2.280	11.4	89	1.2	335	22
20/04/24 08:05	143.884	23.509	167.393	2.349	11.7	89	0.7	340	35
20/04/24 08:10	144.181	23.145	167.326	2.373	12.0	87	0.5	347	37
20/04/24 08:15	129.785	30.623	160.408	2.401	12.7	84	0.7	323	18
20/04/24 08:20	122.259	23.834	146.093	2.315	13.3	81	0.6	347	25
20/04/24 08:25	130.940	22.599	153.540	2.242	13.7	79	0.8	3	14
20/04/24 08:30	133.930	23.256	157.187	2.318	14.0	78	0.6	8	20
20/04/24 08:35	131.816	24.288	156.104	2.486	14.8	76	0.4	17	34
20/04/24 08:40	127.566	14.995	142.561	2.539	15.2	74	0.4	352	26
20/04/24 08:45	119.465	19.967	139.432	2.512	15.1	74	0.5	2	39
20/04/24 08:50	120.034	23.364	143.399	2.506	14.8	76	0.5	298	33
20/04/24 08:55	109.710	24.413	134.123	2.645	14.7	78	0.6	296	19
20/04/24 09:00	110.745	25.467	136.211	2.664	14.4	78	0.6	332	22
20/04/24 09:05	110.322	24.853	135.175	2.623	14.6	78	0.6	333	24
20/04/24 09:10	109.050	24.199	133.249	2.572	14.7	78	0.2	341	56
20/04/24 09:15	99.014	24.117	123.131	2.526	14.8	77	1.1	267	10
20/04/24 09:20	85.103	23.929	109.031	2.553	14.8	77	0.8	241	07
20/04/24 09:25	53.932	22.589	76.521	2.353	15.0	75	0.6	241	23
20/04/24 09:30	31.210	19.953	51.163	2.170	15.4	73	0.5	202	30
20/04/24 09:35	24.699	15.749	40.448	2.116	16.4	69	0.5	145	31
20/04/24 09:40	22.516	17.041	39.557	2.110	17.0	65	0.7	106	12
20/04/24 09:45	21.543	16.051	37.593	2.074	17.4	64	0.7	95	13
20/04/24 09:50	18.947	15.339	34.286	2.026	17.2	66	0.6	214	27
20/04/24 09:55	18.610	16.391	35.000	1.937	16.4	70	1.3	224	10
20/04/24 10:00	16.958	17.561	34.519	2.008	16.1	72	1.1	216	13
20/04/24 10:05	17.014	17.279	34.293	2.031	16.1	72	1.1	213	08
20/04/24 10:10	16.708	17.335	34.043	2.020	15.9	74	1.4	201	07
20/04/24 10:15	17.614	16.878	34.491	1.986	16.1	74	1.5	203	09
20/04/24 10:20	17.064	17.209	34.273	1.898	16.0	75	1.5	215	05
20/04/24 10:25	15.939	17.044	32.983	1.785	15.9	76	1.6	208	07
20/04/24 10:30	13.933	15.628	29.561	1.756	16.0	76	0.9	185	19
20/04/24 10:35	10.403	11.981	22.384	1.765	16.4	75	1.2	189	16
20/04/24 10:40	7.871	11.479	19.350	1.670	16.6	74	2.0	200	08
20/04/24 10:45	7.232	11.051	18.283	1.576	16.2	76	2.2	204	05
20/04/24 10:50	7.078	10.706	17.784	1.713	16.1	76	2.1	201	05
20/04/24 10:55	6.462	9.899	16.362	1.670	16.2	76	2.2	201	10
20/04/24 11:00	5.829	8.139	13.968	1.537	16.2	76	2.4	198	06
20/04/24 11:05	5.079	6.719	11.798	1.403	16.4	76	1.9	194	11
20/04/24 11:10	4.589	6.349	10.938	1.435	16.4	76	1.7	191	13
20/04/24 11:15	4.038	6.280	10.318	1.447	16.7	75	1.8	191	15
20/04/24 11:20	3.616	5.959	9.575	1.510	16.8	69	1.9	182	19
20/04/24 11:25	3.069	5.329	8.398	1.492	17.2	66	2.7	187	15
20/04/24 11:30	2.359	2.526	4.886	1.480	17.2	61	3.5	190	10
20/04/24 11:35				1.441	17.2	60	4.1	195	08
20/04/24 11:40				1.428	17.2	61	3.4	188	11
20/04/24 11:45				1.435	17.2	60	3.6	195	09
20/04/24 11:50	0.946	0.082	1.028	1.397	17.2	60	4.0	194	11
20/04/24 11:55	0.644	0.265	0.909	1.507	17.3	62	2.9	185	14
20/04/24 12:00	0.495	0.337	0.832	1.515	17.3	59	4.0	192	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/04/24 12:05	0.366	0.362	0.728	1.495	17.3	59	3.0	187	13
20/04/24 12:10	0.360	0.409	0.768	1.456	17.5	59	3.0	188	11
20/04/24 12:15	0.399	0.488	0.887	1.330	17.4	58	3.2	187	11
20/04/24 12:20	0.335	0.552	0.887	1.372	17.5	59	3.2	191	14
20/04/24 12:25	0.247	0.548	0.795	1.289	17.5	57	3.2	189	12
20/04/24 12:30	0.304	0.552	0.856	1.337	17.4	59	2.7	192	12
20/04/24 12:35	0.220	0.615	0.835	1.411	17.6	57	2.5	184	16
20/04/24 12:40	0.180	0.662	0.842	1.333	17.6	57	2.8	189	12
20/04/24 12:45	0.170	0.689	0.859	1.336	17.5	59	2.6	177	22
20/04/24 12:50	0.234	0.701	0.935	1.256	17.7	57	2.9	192	12
20/04/24 12:55	0.254	0.742	0.996	1.178	17.4	59	3.5	196	08
20/04/24 13:00	0.226	0.852	1.078	1.199	17.7	59	3.4	191	12
20/04/24 13:05	0.193	0.866	1.059	1.189	17.8	57	3.0	192	12
20/04/24 13:10	0.199	0.897	1.096	1.072	17.9	59	3.3	192	11
20/04/24 13:15	0.088	0.931	1.019	1.115	18.0	56	3.2	186	13
20/04/24 13:20	0.167	1.014	1.181	1.171	17.9	58	3.4	197	08
20/04/24 13:25	0.515	1.453	1.969	1.231	17.4	60	3.6	197	10
20/04/24 13:30	1.093	2.682	3.775	1.229	17.7	58	3.1	192	14
20/04/24 13:35	1.075	1.930	3.005	1.194	17.7	59	3.3	196	09
20/04/24 13:40	0.779	0.741	1.520	1.204	17.6	60	3.0	196	10
20/04/24 13:45	0.596	0.663	1.259	1.104	17.6	61	3.8	202	07
20/04/24 13:50	0.455	0.582	1.037	1.072	17.6	61	3.1	189	12
20/04/24 13:55	0.289	0.402	0.692	1.063	18.2	60	2.8	191	11
20/04/24 14:00	0.316	0.490	0.806	1.013	18.5	59	2.7	189	14
20/04/24 14:05	0.261	0.588	0.850	0.968	18.2	61	3.7	199	09
20/04/24 14:10	0.161	0.673	0.834	0.957	17.8	61	3.6	194	09
20/04/24 14:15	0.164	0.705	0.869	0.923	17.5	61	4.0	198	09
20/04/24 14:20	0.181	0.777	0.958	0.867	17.5	62	4.0	200	07
20/04/24 14:25	0.220	0.816	1.036	0.878	17.2	65	5.6	202	06
20/04/24 14:30	0.224	0.850	1.074	0.987	16.7	66	5.2	203	05
20/04/24 14:35	0.310	0.872	1.183	1.018	17.0	65	4.2	199	11
20/04/24 14:40	0.298	0.870	1.168	1.018	17.2	64	3.4	195	09
20/04/24 14:45	0.143	0.876	1.018	0.973	17.3	62	4.5	200	07
20/04/24 14:50	0.158	0.862	1.020	0.975	16.9	63	4.4	201	05
20/04/24 14:55	0.274	0.987	1.261	1.049	17.0	65	4.0	201	05
20/04/24 15:00	0.313	1.002	1.314	1.084	16.9	64	4.9	201	05
20/04/24 15:05	0.231	1.020	1.251	1.122	16.8	64	5.0	201	06
20/04/24 15:10	0.097	0.964	1.062	1.171	16.5	66	5.3	203	04
20/04/24 15:15	0.012	0.868	0.880	1.116	16.4	66	5.3	207	05
20/04/24 15:20	0.042	0.926	0.968	1.139	16.6	65	4.0	199	07
20/04/24 15:25	0.235	1.145	1.380	1.128	16.7	64	4.8	200	06
20/04/24 15:30	0.310	1.241	1.551	1.149	16.6	65	5.5	202	04
20/04/24 15:35	0.220	1.106	1.326	1.094	16.4	67	4.9	204	05
20/04/24 15:40	0.124	0.936	1.060	1.084	16.3	65	5.0	203	06
20/04/24 15:45	0.142	0.782	0.923	1.117	16.4	66	4.8	203	04
20/04/24 15:50	0.164	0.723	0.887	1.136	16.4	66	4.7	205	04
20/04/24 15:55	0.253	0.723	0.976	1.119	16.3	67	4.8	205	06
20/04/24 16:00	0.273	0.781	1.054	1.168	16.2	68	5.2	213	04
20/04/24 16:05	0.288	1.041	1.329	1.103	16.1	67	5.2	205	06
20/04/24 16:10	0.260	1.034	1.294	1.116	16.2	66	5.0	200	06
20/04/24 16:15	0.168	0.932	1.100	1.133	16.2	67	5.5	207	05
20/04/24 16:20	0.126	0.829	0.955	1.072	16.0	68	5.4	206	06
20/04/24 16:25	0.117	0.821	0.938	1.016	16.0	69	5.1	208	06
20/04/24 16:30	-0.012	0.708	0.696	1.153	15.9	67	5.5	209	04
20/04/24 16:35	-0.024	0.597	0.573	1.168	15.9	69	4.8	209	04
20/04/24 16:40	0.166	0.755	0.921	1.038	15.9	68	4.8	206	07
20/04/24 16:45	0.252	0.819	1.070	0.924	16.0	68	5.1	208	06
20/04/24 16:50	0.311	1.024	1.335	0.890	15.9	69	5.3	209	04
20/04/24 16:55	0.389	1.003	1.392	0.894	16.0	67	5.3	201	06
20/04/24 17:00	0.156	0.955	1.110	0.994	16.1	69	5.5	204	05
20/04/24 17:05	0.049	0.896	0.944	0.927	16.2	69	4.5	204	07
20/04/24 17:10	0.044	0.933	0.977	0.858	16.2	67	4.6	202	07
20/04/24 17:15	0.087	1.152	1.240	0.865	16.2	67	3.8	199	06
20/04/24 17:20	0.141	1.188	1.329	0.905	16.4	67	4.2	201	08
20/04/24 17:25	0.019	1.170	1.188	0.905	16.2	68	4.7	205	06
20/04/24 17:30	0.040	1.023	1.064	0.977	16.1	67	3.8	198	09
20/04/24 17:35	0.185	0.966	1.151	0.959	16.1	68	4.2	201	08
20/04/24 17:40	0.132	0.875	1.007	0.993	16.1	69	4.3	201	09
20/04/24 17:45	-0.006	0.809	0.804	1.033	15.9	68	4.6	205	06
20/04/24 17:50	-0.058	0.754	0.696	1.110	15.9	69	4.3	201	06
20/04/24 17:55	-0.115	0.917	0.802	0.999	16.1	70	4.2	201	07
20/04/24 18:00	-0.014	1.071	1.057	1.002	15.9	68	3.6	196	08
20/04/24 18:05	-0.025	1.341	1.315	0.990	15.9	68	3.4	197	09
20/04/24 18:10	-0.072	1.607	1.535	0.989	15.8	69	2.9	189	11
20/04/24 18:15	0.014	1.496	1.510	0.971	15.6	69	2.7	193	10
20/04/24 18:20	0.130	2.317	2.447	1.059	15.7	70	3.3	189	10
20/04/24 18:25	0.133	3.976	4.109	1.123	15.7	70	2.9	187	12
20/04/24 18:30	0.104	3.508	3.612	1.050	15.6	71	2.7	185	14
20/04/24 18:35	0.118	3.378	3.496	0.877	15.6	71	2.8	186	12
20/04/24 18:40	0.128	3.278	3.407	0.908	15.6	71	2.5	180	14
20/04/24 18:45	-0.011	2.940	2.929	0.866	15.6	70	2.5	189	15
20/04/24 18:50	0.025	2.712	2.737	0.809	15.6	69	2.7	186	13
20/04/24 18:55	0.172	2.922	3.095	0.760	15.6	69	1.8	177	20
20/04/24 19:00	0.247	2.977	3.224	0.783	15.5	69	1.7	170	21
20/04/24 19:05	0.133	2.802	2.935	0.710	15.6	70	2.2	182	15
20/04/24 19:10	-0.097	3.422	3.326	0.665	15.6	69	2.0	188	14
20/04/24 19:15	-0.244	3.760	3.516	0.722	15.5	69	2.4	188	09
20/04/24 19:20	-0.110	3.906	3.795	0.761	15.5	69	2.0	184	18
20/04/24 19:25	-0.068	3.749	3.680	0.823	15.5	70	2.2	186	14
20/04/24 19:30	-0.093	3.665	3.573	0.805	15.5	71	2.3	191	14
20/04/24 19:35	-0.079	3.316	3.237	0.754	15.6	71	1.9	184	18
20/04/24 19:40	-0.099	2.863	2.764	0.736	15.6	71	2.0	180	18
20/04/24 19:45	-0.048	2.448	2.400	0.743	15.7	70	2.0	183	15
20/04/24 19:50	-0.056	2.224	2.168	0.854	15.7	70	2.2	186	12
20/04/24 19:55	-0.072	2.191	2.118	0.828	15.7	70	2.0	184	15
20/04/24 20:00	-0.142	2.426	2.284	0.841	15.7	70	2.1	177	22
20/04/24 20:05	-0.076	2.766	2.690	0.945	15.7	70	2.2	186	15
20/04/24 20:10	-0.077	2.870	2.793	0.963	15.7	71	2.7	188	11
20/04/24 20:15	-0.050	2.617	2.566	0.903	15.7	70	3.1	192	09
20/04/24 20:20	-0.023	2.367	2.344	0.849	15.6	69	2.8	190	11
20/04/24 20:25	-0.019	2.607	2.588	0.838	15.5	71	2.3	115	30
20/04/24 20:30	-0.063	4.286	4.223	0.897	15.0	70	2.0	97	09
20/04/24 20:35	0.032	7.942	7.974	0.902	14.7	70	1.9	91	10
20/04/24 20:40	0.435	12.413	12.849	0.952	14.5	71	1.9	88	14

Station Pier Ambient Air Quality Monitoring									
April 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/04/24 20:45	0.438	11.916	12.354	1.018	14.4	71	2.4	93	08
20/04/24 20:50	0.525	12.410	12.934	0.930	14.3	72	2.7	100	05
20/04/24 20:55	0.574	12.495	13.069	0.928	14.3	72	1.9	98	09
20/04/24 21:00	0.454	12.389	12.843	0.985	14.1	72	2.4	96	07
20/04/24 21:05	0.431	12.311	12.742	0.989	14.1	72	1.9	90	11
20/04/24 21:10	0.600	12.308	12.907	0.917	14.1	72	1.8	92	07
20/04/24 21:15	0.930	12.374	13.304	0.896	14.1	72	1.7	92	10
20/04/24 21:20	0.693	12.336	13.028	1.005	14.0	72	1.8	95	08
20/04/24 21:25	0.492	12.487	12.979	1.043	14.0	72	2.0	94	07
20/04/24 21:30	0.537	12.448	12.985	0.894	14.0	72	1.8	87	11
20/04/24 21:35	2.337	11.567	13.904	0.921	14.0	72	1.8	79	09
20/04/24 21:40	0.554	11.877	12.431	0.954	14.0	72	1.6	81	12
20/04/24 21:45	0.114	11.492	11.605	1.009	14.0	71	1.5	84	14
20/04/24 21:50	0.179	11.618	11.797	1.087	14.0	72	1.1	85	09
20/04/24 21:55	0.226	12.253	12.479	1.077	14.0	72	1.2	72	12
20/04/24 22:00	0.572	13.029	13.600	1.032	14.0	72	1.3	82	13
20/04/24 22:05	1.006	13.388	14.394	1.005	14.0	72	1.4	73	14
20/04/24 22:10	1.616	13.861	15.477	1.037	14.0	72	1.2	73	12
20/04/24 22:15	1.878	16.104	17.982	1.076	14.0	72	1.1	69	15
20/04/24 22:20	1.769	17.076	18.845	1.008	14.1	71	1.1	75	15
20/04/24 22:25	1.751	16.330	18.080	1.127	14.2	70	1.3	67	15
20/04/24 22:30	2.490	16.325	18.815	1.130	14.2	70	1.5	72	16
20/04/24 22:35	0.823	14.050	14.873	1.121	14.3	70	1.8	78	14
20/04/24 22:40	0.652	13.904	14.556	1.114	14.3	70	1.3	84	16
20/04/24 22:45	0.495	14.079	14.574	1.158	14.3	71	1.8	102	07
20/04/24 22:50	0.360	12.990	13.350	1.160	14.4	70	2.0	97	08
20/04/24 22:55	0.389	11.840	12.229	1.019	14.4	70	1.9	97	07
20/04/24 23:00	0.382	11.670	12.052	1.057	14.4	70	1.8	96	07
20/04/24 23:05	0.376	11.417	11.793	0.933	14.4	70	1.7	93	09
20/04/24 23:10	0.306	11.172	11.477	0.884	14.5	70	0.6	53	28
20/04/24 23:15	0.270	11.453	11.723	0.879	14.5	71	0.8	339	35
20/04/24 23:20	0.362	12.346	12.708	0.874	14.3	72	1.1	305	13
20/04/24 23:25	0.341	12.976	13.317	0.865	14.3	71	1.0	326	22
20/04/24 23:30	0.186	13.377	13.564	1.027	14.3	72	0.2	343	48
20/04/24 23:35	0.207	14.074	14.282	1.082	14.5	71	0.2	95	69
20/04/24 23:40	0.232	15.384	15.616	1.072	14.4	71	0.6	85	20
20/04/24 23:45	0.295	16.076	16.372	1.073	14.4	70	0.6	63	22
20/04/24 23:50	1.400	22.810	24.210		14.4	72	0.9	12	17
20/04/24 23:55	8.304	26.499	34.803		14.3	73	0.7	338	14
21/04/24 00:00	9.598	23.268	32.866	1.139	14.3	74	0.9	312	12
21/04/24 00:05	12.763	23.435	36.198	1.176	14.3	75	0.6	343	17
21/04/24 00:10	20.509	22.405	42.914	1.227	14.2	75	0.9	310	15
21/04/24 00:15	23.167	22.389	45.557	1.305	14.2	76	1.0	319	14
21/04/24 00:20	25.654	22.228	47.882	1.434	14.1	77	1.3	345	19
21/04/24 00:25	46.014	22.528	68.542	1.547	14.0	78	0.7	297	28
21/04/24 00:30	50.447	24.134	74.582	1.623	14.1	79	1.5	290	14
21/04/24 00:35	29.739	28.482	58.221	1.666	14.0	78	1.5	330	23
21/04/24 00:40	24.844	24.280	49.123	1.673	13.9	78	1.3	330	28
21/04/24 00:45	25.667	23.850	49.517	1.608	13.8	79	1.3	315	19
21/04/24 00:50	25.063	23.543	48.605	1.485	13.8	78	0.8	327	17
21/04/24 00:55	25.018	23.327	48.345	1.427	13.7	78	1.4	330	17
21/04/24 01:00	24.066	23.305	47.371	1.462	13.6	78	1.5	338	18
21/04/24 01:05					13.6	78	1.2	317	17
21/04/24 01:10					13.6	78	1.3	322	15
21/04/24 01:15					13.5	79	1.0	317	19
21/04/24 01:20					13.4	78	1.4	345	20
21/04/24 01:25					13.4	78	1.7	346	18
21/04/24 01:30					13.4	79	1.2	334	21
21/04/24 01:35					13.4	78	1.1	9	16
21/04/24 01:40					13.4	78	1.6	10	12
21/04/24 01:45					13.4	79	1.4	8	20
21/04/24 01:50					13.3	79	1.0	1	21
21/04/24 01:55					13.4	79	1.3	336	19
21/04/24 02:00					13.2	79	1.5	341	14
21/04/24 02:05	21.564	22.718	44.282	1.260	13.2	78	1.4	353	18
21/04/24 02:10	20.085	22.580	42.665	1.195	13.2	79	1.6	346	22
21/04/24 02:15	16.799	22.769	39.567	1.137	13.2	79	1.1	343	29
21/04/24 02:20	10.442	20.990	31.432	1.135	13.1	79	1.6	330	10
21/04/24 02:25	8.187	19.432	27.619	1.035	13.1	78	1.4	346	18
21/04/24 02:30	6.247	20.095	26.342	0.973	13.1	78	1.4	329	23
21/04/24 02:35	6.714	19.880	26.594	1.020	13.1	78	1.2	345	27
21/04/24 02:40	8.125	20.031	28.156	0.936	13.1	78	1.6	2	15
21/04/24 02:45	9.019	19.835	28.854	0.834	13.1	78	1.9	357	10
21/04/24 02:50	8.830	19.697	28.526	0.813	13.1	78	1.3	331	19
21/04/24 02:55	8.707	19.674	28.382	0.842	13.1	78	1.1	12	27
21/04/24 03:00	8.842	19.614	28.456	0.863	13.1	78	1.4	9	13
21/04/24 03:05	9.515	19.697	29.213	0.842	13.1	78	1.3	1	14
21/04/24 03:10	9.401	19.651	29.051	0.831	13.1	78	1.3	342	25
21/04/24 03:15	9.509	19.727	29.236	0.780	13.2	78	1.2	319	18
21/04/24 03:20	9.069	19.593	28.662	0.862	13.1	78	1.2	325	24
21/04/24 03:25	8.458	19.554	28.012	0.775	13.1	78	1.1	5	24
21/04/24 03:30	8.484	19.411	27.895	0.811	13.2	78	1.2	354	25
21/04/24 03:35	9.339	19.545	28.884	0.908	13.2	78	1.3	324	16
21/04/24 03:40	9.864	19.703	29.567	1.004	13.2	78	0.8	352	35
21/04/24 03:45	10.285	19.555	29.840	0.985	13.2	77	1.0	6	26
21/04/24 03:50	10.207	19.494	29.701	0.979	13.2	78	1.1	11	21
21/04/24 03:55	8.607	19.385	27.993	1.069	13.1	78	1.7	358	11
21/04/24 04:00	6.873	19.336	26.210	1.073	13.2	78	1.3	356	25
21/04/24 04:05	5.331	19.085	24.416	1.031	13.2	78	1.4	355	18
21/04/24 04:10	4.246	18.856	23.102	0.933	13.2	78	1.3	333	30
21/04/24 04:15	3.367	18.649	22.016	0.891	13.2	78	1.9	310	13
21/04/24 04:20	2.680	18.047	20.727	0.941	13.2	79	1.7	298	17
21/04/24 04:25	2.336	17.555	19.892	0.884	13.3	79	1.7	299	18
21/04/24 04:30	2.344	17.405	19.748	0.829	13.2	78	1.3	2	31
21/04/24 04:35	2.545	17.223	19.768	0.810	13.3	78	1.4	19	21
21/04/24 04:40	3.014	17.226	20.240	0.950	13.2	78	1.5	10	21
21/04/24 04:45	3.317	17.371	20.688	0.882	13.3	78	1.0	359	22
21/04/24 04:50	3.256	17.314	20.571	0.803	13.2	78	1.3	7	18
21/04/24 04:55	2.906	17.287	20.193	0.878	13.2	78	1.7	3	11
21/04/24 05:00	2.634	17.215	19.850	1.090	13.2	78	1.3	11	22
21/04/24 05:05	2.513	17.097	19.611	1.125	13.2	78	1.5	11	17
21/04/24 05:10	2.414	17.000	19.414	1.093	13.3	78	1.2	15	16
21/04/24 05:15	2.580	16.806	19.386	1.079	13.3	78	0.8	354	30
21/04/24 05:20	2.299	16.635	18.934	0.943	13.4	79	0.9	294	28

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/04/24 05:25	1.703	16.246	17.949	0.881	13.5	79	0.9	303	20
21/04/24 05:30	1.411	15.969	17.380	0.824	13.4	78	0.1	67	84
21/04/24 05:35	1.132	15.752	16.885	0.809	13.4	78	0.4	346	49
21/04/24 05:40	0.963	15.543	16.506	0.785	13.4	77	1.0	352	17
21/04/24 05:45	0.834	15.366	16.200	0.822	13.4	78	0.4	282	32
21/04/24 05:50	0.652	15.310	15.963	0.831	13.4	78	0.8	303	11
21/04/24 05:55	0.649	15.399	16.048	0.846	13.5	77	0.7	308	13
21/04/24 06:00	0.588	15.647	16.235	0.903	13.4	77	1.0	326	11
21/04/24 06:05	0.543	15.795	16.338	1.008	13.4	78	0.9	337	16
21/04/24 06:10	0.518	16.090	16.608	0.941	13.4	78	0.6	346	22
21/04/24 06:15	0.622	16.342	16.964	0.935	13.4	78	0.7	335	20
21/04/24 06:20	0.945	16.679	17.624	0.910	13.4	77	0.8	348	19
21/04/24 06:25	1.143	16.949	18.092	0.864	13.4	77	0.5	6	30
21/04/24 06:30	1.414	17.234	18.648	0.956	13.5	77	0.9	11	15
21/04/24 06:35	2.005	17.608	19.613	1.036	13.4	78	1.1	1	21
21/04/24 06:40	3.697	18.092	21.789	1.126	13.5	78	0.7	330	26
21/04/24 06:45	9.687	22.133	31.820	1.140	13.4	78	1.1	323	14
21/04/24 06:50	18.697	20.289	38.986	1.205	13.6	78	1.5	303	13
21/04/24 06:55	18.766	21.380	40.145	1.218	13.6	76	1.4	312	10
21/04/24 07:00	18.005	21.581	39.585	1.255	13.5	76	1.1	317	12
21/04/24 07:05	17.616	21.518	39.133	1.170	13.6	76	1.1	337	29
21/04/24 07:10	18.069	21.383	39.452	1.098	13.6	76	0.7	11	30
21/04/24 07:15	18.481	21.280	39.761	1.071	13.5	76	0.7	17	32
21/04/24 07:20	18.248	21.272	39.520	1.093	13.6	76	1.4	2	18
21/04/24 07:25	18.416	21.231	39.647	1.166	13.6	76	1.1	356	32
21/04/24 07:30	18.189	20.891	39.080	1.192	13.6	76	1.3	317	15
21/04/24 07:35	16.061	20.232	36.293	1.112	13.6	76	1.2	338	22
21/04/24 07:40	14.037	20.255	34.292	1.196	13.6	77	1.0	308	22
21/04/24 07:45	16.718	22.237	38.954	1.311	13.7	76	0.8	305	23
21/04/24 07:50	22.217	19.860	42.077	1.327	13.6	76	1.0	325	17
21/04/24 07:55	22.323	19.705	42.027	1.300	13.6	76	1.2	309	12
21/04/24 08:00	21.559	20.112	41.671	1.407	13.7	76	1.2	302	16
21/04/24 08:05	21.418	19.966	41.384	1.428	13.8	76	1.2	314	12
21/04/24 08:10	20.664	19.799	40.463	1.427	13.7	75	1.3	310	12
21/04/24 08:15	16.384	20.672	37.056	1.359	13.8	75	1.2	304	22
21/04/24 08:20	6.923	11.559	18.482	1.310	13.9	75	1.4	273	11
21/04/24 08:25	3.565	11.072	14.637	1.278	14.0	74	1.4	281	18
21/04/24 08:30	3.233	10.769	14.002	1.277	13.9	74	2.2	264	09
21/04/24 08:35	3.015	10.871	13.886	1.217	13.8	75	2.5	259	10
21/04/24 08:40	2.970	11.218	14.188	1.100	13.7	76	2.2	257	09
21/04/24 08:45	3.226	11.080	14.306	1.160	13.9	77	3.0	216	09
21/04/24 08:50	2.645	6.316	8.961	1.124	13.8	76	3.1	216	06
21/04/24 08:55	2.245	5.301	7.546	1.199	13.9	78	3.1	221	07
21/04/24 09:00	1.950	5.505	7.455	1.150	13.9	76	3.4	221	05
21/04/24 09:05	1.607	5.011	6.618	1.022	13.7	77	2.8	224	09
21/04/24 09:10	1.532	4.599	6.131	0.923	13.6	77	2.2	227	11
21/04/24 09:15	1.329	4.414	5.743	0.935	13.8	77	2.2	215	09
21/04/24 09:20	1.211	4.085	5.296	0.915	13.7	78	3.0	218	13
21/04/24 09:25	1.134	3.917	5.051	0.971	13.8	77	3.1	228	12
21/04/24 09:30	1.033	3.721	4.755	0.791	13.7	77	2.6	237	13
21/04/24 09:35	0.976	3.650	4.626	0.848	13.7	77	2.7	243	11
21/04/24 09:40	0.993	3.593	4.586	0.883	13.7	77	2.9	247	10
21/04/24 09:45	0.915	3.481	4.396	0.885	13.7	76	3.3	231	08
21/04/24 09:50	0.712	3.286	3.998	0.891	13.7	76	4.4	229	05
21/04/24 09:55	0.605	3.009	3.615	0.928	13.7	75	3.5	239	06
21/04/24 10:00	0.555	2.742	3.297	0.910	13.8	74	3.1	253	07
21/04/24 10:05	0.611	2.701	3.311	0.850	13.9	75	2.9	247	10
21/04/24 10:10	0.626	2.586	3.212	0.924	14.0	73	2.5	238	09
21/04/24 10:15	0.564	2.602	3.166	0.950	14.0	72	2.5	250	05
21/04/24 10:20	0.537	2.614	3.150	0.925	14.0	72	1.9	248	07
21/04/24 10:25	0.585	2.556	3.141	0.910	14.1	71	1.9	241	11
21/04/24 10:30	0.561	2.534	3.095	0.895	14.2	71	1.4	225	09
21/04/24 10:35	0.541	2.522	3.063	0.955	14.3	71	1.7	252	12
21/04/24 10:40	0.598	2.521	3.119	1.118	14.3	71	2.1	228	07
21/04/24 10:45	0.546	2.390	2.937	1.048	14.4	73	2.8	222	09
21/04/24 10:50	0.481	2.242	2.723	1.011	14.4	73	3.2	217	05
21/04/24 10:55	0.723	2.023	2.746	0.914	14.5	72	2.9	214	07
21/04/24 11:00	0.697	1.810	2.507	0.913	14.6	72	3.1	219	08
21/04/24 11:05	0.579	1.688	2.267	0.819	14.6	72	3.6	210	05
21/04/24 11:10	0.504	1.527	2.031	0.681	14.6	72	3.1	209	08
21/04/24 11:15	0.407	1.512	1.919	0.690	14.8	73	3.2	213	09
21/04/24 11:20	0.473	1.683	2.156	0.691	14.8	72	4.1	211	05
21/04/24 11:25	0.453	1.682	2.135	0.701	14.8	71	3.2	212	10
21/04/24 11:30	0.465	1.631	2.096	0.731	14.9	72	3.6	208	12
21/04/24 11:35	0.378	1.630	2.009	0.726	15.0	70	2.8	201	09
21/04/24 11:40	0.503	1.704	2.207	0.775	15.2	71	3.0	206	09
21/04/24 11:45	0.542	1.655	2.197	0.714	15.2	70	2.7	200	14
21/04/24 11:50	0.579	1.761	2.340	0.664	15.4	68	2.7	202	09
21/04/24 11:55	0.598	1.678	2.275	0.695	15.5	69	2.3	200	15
21/04/24 12:00	0.492	1.632	2.124	0.688	15.5	68	2.7	205	06
21/04/24 12:05	0.441	1.669	2.111	0.872	15.7	68	2.2	188	22
21/04/24 12:10	0.493	1.537	2.030	0.977	16.2	68	2.1	196	11
21/04/24 12:15	0.483	1.441	1.924	0.967	16.4	63	1.8	176	19
21/04/24 12:20	0.348	1.490	1.837	1.127	16.6	62	1.4	172	24
21/04/24 12:25	0.302	1.511	1.813	1.193	17.1	60	1.3	160	27
21/04/24 12:30	0.357	1.485	1.842	1.109	17.4	58	1.2	161	25
21/04/24 12:35	0.405	1.508	1.913	1.193	17.6	59	1.4	163	30
21/04/24 12:40	0.504	1.544	2.048	1.156	17.6	57	1.2	150	25
21/04/24 12:45	0.382	1.533	1.914	1.184	17.5	58	1.5	147	21
21/04/24 12:50	0.323	1.553	1.876	1.103	17.5	58	1.3	167	23
21/04/24 12:55	0.307	1.495	1.802	1.114	17.4	59	1.4	178	23
21/04/24 13:00	0.273	1.516	1.788	0.998	17.4	58	1.1	163	23
21/04/24 13:05	0.207	1.585	1.792	0.992	17.6	57	1.3	161	25
21/04/24 13:10	0.234	1.620	1.854	0.992	17.6	57	1.6	167	22
21/04/24 13:15	0.319	1.520	1.839	0.927	17.4	58	1.7	173	19
21/04/24 13:20	0.391	1.512	1.903	0.816	17.4	58	1.9	170	24
21/04/24 13:25	0.365	1.490	1.855	0.847	17.6	58	1.7	183	17
21/04/24 13:30	0.459	1.438	1.897	0.812	17.6	60	1.8	191	18
21/04/24 13:35	0.303	1.369	1.672	0.811	17.4	60	1.8	184	21
21/04/24 13:40	0.252	1.332	1.584	0.683	17.5	58	1.9	173	19
21/04/24 13:45	0.178	1.272	1.450	0.679	17.4	61	2.3	197	11
21/04/24 13:50	0.119	1.263	1.382	0.626	17.1	62	2.2	198	14
21/04/24 13:55	0.101	1.309	1.410	0.673	17.0	61	2.1	186	15
21/04/24 14:00	0.049	1.343	1.391	0.779	17.5	59	1.9	175	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/04/24 14:05	0.076	1.355	1.431	0.774	17.7	59	1.8	185	18
21/04/24 14:10	0.184	1.350	1.533	0.692	17.7	57	1.9	184	22
21/04/24 14:15	0.193	1.352	1.544	0.621	17.4	60	1.9	187	20
21/04/24 14:20	0.185	1.321	1.506	0.609	17.7	60	2.0	189	14
21/04/24 14:25	0.210	1.351	1.561	0.608	17.8	60	2.2	189	15
21/04/24 14:30	0.198	1.380	1.578	0.537	17.7	60	2.9	193	14
21/04/24 14:35	0.174	1.353	1.528	0.584	17.1	63	3.8	197	07
21/04/24 14:40	0.211	1.279	1.490	0.668	17.1	62	2.2	188	13
21/04/24 14:45	0.205	1.172	1.377	0.721	17.6	59	2.3	183	15
21/04/24 14:50	0.204	1.097	1.301	0.740	17.6	60	2.5	180	15
21/04/24 14:55	0.111	1.040	1.151	0.725	17.5	60	2.2	170	20
21/04/24 15:00	0.122	1.051	1.173	0.732	17.7	60	2.4	182	17
21/04/24 15:05	0.181	1.014	1.195	0.674	17.8	59	2.6	176	15
21/04/24 15:10	0.150	0.989	1.139	0.720	17.6	59	2.2	179	19
21/04/24 15:15	0.185	0.909	1.094	0.633	17.7	58	2.5	185	12
21/04/24 15:20	0.191	0.887	1.078	0.540	17.8	60	2.3	183	15
21/04/24 15:25	0.171	0.955	1.126	0.478	18.0	59	2.3	181	16
21/04/24 15:30	0.255	0.933	1.188	0.494	17.9	59	2.3	179	15
21/04/24 15:35	0.266	0.912	1.178	0.502	18.0	59	2.1	178	18
21/04/24 15:40	0.280	0.883	1.163	0.561	18.0	58	2.3	175	16
21/04/24 15:45	0.305	0.797	1.101	0.556	18.0	59	2.0	176	20
21/04/24 15:50	0.265	0.725	0.989	0.579	17.8	59	1.8	175	24
21/04/24 15:55	0.187	0.762	0.950	0.632	17.9	59	1.6	180	22
21/04/24 16:00	0.177	0.792	0.970	0.655	17.7	59	2.1	176	16
21/04/24 16:05	0.172	0.784	0.956	0.648	17.9	59	2.1	178	14
21/04/24 16:10	0.224	0.780	1.004	0.582	17.6	59	1.7	166	24
21/04/24 16:15	0.268	0.771	1.039	0.519	17.5	60	1.9	172	20
21/04/24 16:20	0.270	0.754	1.024	0.535	17.3	61	1.7	173	24
21/04/24 16:25	0.262	0.765	1.027	0.465	17.1	63	1.4	175	23
21/04/24 16:30	0.227	0.797	1.023	0.460	16.7	64	1.9	175	19
21/04/24 16:35	0.275	0.755	1.030	0.449	16.5	65	1.9	172	20
21/04/24 16:40	0.216	0.680	0.896	0.416	16.5	66	1.8	170	18
21/04/24 16:45	0.236	0.681	0.918	0.447	16.5	67	1.3	177	29
21/04/24 16:50	0.171	0.685	0.855	0.445	16.6	67	1.9	176	17
21/04/24 16:55	0.142	0.667	0.809	0.424	16.8	65	2.0	172	21
21/04/24 17:00	0.188	0.624	0.812	0.444	16.8	64	1.9	173	21
21/04/24 17:05	0.140	0.643	0.783	0.393	16.6	65	2.0	170	22
21/04/24 17:10	0.123	0.635	0.758	0.504	16.5	66	1.7	163	25
21/04/24 17:15	0.083	0.653	0.735	0.539	16.4	66	2.3	146	20
21/04/24 17:20	0.009	0.620	0.629	0.570	16.2	67	1.9	155	24
21/04/24 17:25	0.022	0.622	0.643	0.508	16.2	67	1.7	168	27
21/04/24 17:30	0.001	0.658	0.658	0.401	16.2	68	2.1	160	25
21/04/24 17:35	0.007	0.654	0.660	0.529	16.1	68	1.8	157	30
21/04/24 17:40	-0.073	0.601	0.528	0.568	15.9	68	1.6	163	26
21/04/24 17:45	-0.101	0.625	0.524	0.609	15.9	70	1.5	171	24
21/04/24 17:50	-0.087	0.694	0.606	0.555	15.8	71	1.4	170	27
21/04/24 17:55	-0.021	0.708	0.688	0.510	15.8	71	1.5	159	26
21/04/24 18:00	0.039	0.795	0.834	0.528	15.6	71	2.2	145	15
21/04/24 18:05	0.048	0.824	0.871	0.664	15.6	71	2.4	148	18
21/04/24 18:10	0.089	0.834	0.924	0.634	15.4	70	2.7	143	12
21/04/24 18:15	0.095	0.734	0.829	0.599	15.5	70	2.3	135	09
21/04/24 18:20	0.106	0.708	0.814	0.632	15.5	72	1.7	127	21
21/04/24 18:25	0.162	0.713	0.875	0.697	15.6	72	1.7	124	16
21/04/24 18:30	0.165	0.841	1.007	0.816	15.6	73	1.5	118	17
21/04/24 18:35	0.129	1.194	1.323	0.650	15.5	73	1.9	114	11
21/04/24 18:40	0.102	1.565	1.667	0.572	15.4	71	2.5	101	07
21/04/24 18:45	0.167	2.012	2.179	0.548	15.3	72	2.3	107	07
21/04/24 18:50	0.203	2.965	3.167	0.611	15.2	71	2.1	100	10
21/04/24 18:55	0.260	5.049	5.309	0.550	15.1	71	2.1	98	08
21/04/24 19:00	0.282	6.465	6.746	0.425	15.1	72	2.4	101	06
21/04/24 19:05	0.273	7.217	7.490	0.379	15.1	71	2.2	102	05
21/04/24 19:10	0.236	7.954	8.190	0.533	15.0	72	1.9	100	09
21/04/24 19:15	0.312	8.712	9.025	0.567	14.9	72	1.8	95	07
21/04/24 19:20	0.183	9.680	9.863	0.468	14.9	72	1.7	94	09
21/04/24 19:25	0.076	10.141	10.217	0.444	14.8	72	1.9	97	06
21/04/24 19:30	0.068	10.498	10.566	0.424	14.8	73	1.8	98	06
21/04/24 19:35	0.145	11.216	11.361	0.312	14.7	73	1.9	103	06
21/04/24 19:40	0.071	11.468	11.539	0.306	14.7	73	1.5	109	07
21/04/24 19:45	0.042	11.424	11.466	0.347	14.7	73	1.3	108	10
21/04/24 19:50	0.099	11.566	11.665	0.307	14.6	73	1.3	102	08
21/04/24 19:55	0.225	11.952	12.176	0.271	14.7	74	1.1	103	10
21/04/24 20:00	0.204	12.370	12.574	0.353	14.6	75	1.0	103	11
21/04/24 20:05	0.216	12.943	13.159	0.445	14.5	75	0.8	108	23
21/04/24 20:10	0.862	14.116	14.978	0.521	14.5	76	0.9	90	20
21/04/24 20:15	1.353	16.731	18.084	0.539	14.4	76	1.2	92	10
21/04/24 20:20	4.815	27.953	32.769	0.605	14.4	77	1.1	87	13
21/04/24 20:25	9.020	22.069	31.089	0.589	14.2	77	1.1	91	10
21/04/24 20:30	4.919	18.301	23.221	0.543	14.2	77	1.2	100	11
21/04/24 20:35	1.868	16.610	18.478	0.551	14.1	77	1.3	104	07
21/04/24 20:40	1.186	15.981	17.167	0.541	14.1	77	1.2	98	09
21/04/24 20:45	0.883	16.061	16.945	0.626	14.1	77	1.0	94	10
21/04/24 20:50	1.757	16.524	18.280	0.511	14.2	77	1.1	80	10
21/04/24 20:55	2.637	17.671	20.308	0.598	14.0	77	0.9	76	12
21/04/24 21:00	3.606	20.708	24.314	0.702	14.1	77	0.9	64	10
21/04/24 21:05	5.938	21.852	27.789	0.757	13.9	78	0.9	67	10
21/04/24 21:10	7.156	22.046	29.203	0.621	13.7	78	0.7	68	10
21/04/24 21:15	12.683	22.564	35.247	0.657	13.6	78	0.5	59	11
21/04/24 21:20	7.778	25.071	32.850	0.560	13.7	79	0.7	82	12
21/04/24 21:25	3.761	26.069	29.830	0.611	13.6	79	1.6	99	05
21/04/24 21:30	2.343	20.906	23.250	0.726	13.7	79	2.1	98	05
21/04/24 21:35	1.906	15.056	16.962	0.827	13.9	78	2.1	98	07
21/04/24 21:40	1.350	13.490	14.840	0.719	14.1	78	1.7	83	10
21/04/24 21:45	1.058	14.192	15.250	0.667	14.1	77	1.8	78	12
21/04/24 21:50	1.088	15.274	16.362	0.642	14.1	77	1.7	85	12
21/04/24 21:55	1.112	16.130	17.242	0.710	14.1	77	1.8	84	10
21/04/24 22:00	0.828	16.383	17.211	0.780	14.0	77	1.8	77	14
21/04/24 22:05	0.665	17.027	17.692	0.900	14.1	77	1.9	71	11
21/04/24 22:10	0.734	18.012	18.746	0.885	14.0	77	2.2	65	10
21/04/24 22:15	0.751	18.874	19.625	0.800	13.9	78	2.0	63	14
21/04/24 22:20	0.807	19.643	20.450	0.720	13.8	78	1.8	62	13
21/04/24 22:25	0.918	20.517	21.436	0.714	13.7	78	1.7	59	11
21/04/24 22:30	0.883	21.019	21.902	0.648	13.5	78	1.7	55	11
21/04/24 22:35	1.157	21.880	23.038	0.540	13.5	79	2.0	45	06
21/04/24 22:40	1.970	23.262	25.231	0.438	13.4	80	1.9	40	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/04/24 22:45	3.025	27.129	30.154	0.390	13.1	81	1.6	37	06
21/04/24 22:50	4.331	27.163	31.494	0.447	13.0	81	1.7	31	06
21/04/24 22:55	6.747	26.066	32.813	0.530	12.9	82	1.6	31	08
21/04/24 23:00	12.499	22.437	34.936	0.556	12.9	82	1.3	7	10
21/04/24 23:05	30.545	24.915	55.460	0.648	12.8	82	1.4	353	18
21/04/24 23:10	47.977	30.893	78.870	0.741	12.8	82	2.0	341	15
21/04/24 23:15	48.249	30.237	78.486	0.859	13.0	82	1.8	335	11
21/04/24 23:20	46.272	30.357	76.629	1.039	12.9	81	1.8	342	15
21/04/24 23:25	43.414	30.518	73.932	1.128	12.9	82	1.7	329	17
21/04/24 23:30	39.997	29.022	69.020	1.092	12.8	82	1.7	330	18
21/04/24 23:35	38.594	28.536	67.130	1.066	12.7	82	1.6	329	19
21/04/24 23:40	39.542	27.822	67.364	1.096	12.7	82	1.5	334	13
21/04/24 23:45	39.744	27.642	67.385	1.142	12.6	82	1.2	336	21
21/04/24 23:50	40.168	27.927	68.094		12.5	83	1.4	331	19
21/04/24 23:55	42.441	27.266	69.707		12.4	83	1.2	329	20
22/04/24 00:00	46.164	25.483	71.647	0.133	12.4	84	1.4	329	19
22/04/24 00:05	49.195	24.529	73.724	0.275	12.3	84	1.3	329	15
22/04/24 00:10	54.655	23.239	77.895	0.293	12.3	84	1.2	322	15
22/04/24 00:15	56.474	26.331	82.805	0.383	12.2	85	0.9	322	18
22/04/24 00:20	54.390	26.394	80.783	0.477	12.1	86	0.8	317	16
22/04/24 00:25	53.211	25.852	79.063	0.501	12.0	85	0.8	324	21
22/04/24 00:30	56.078	24.415	80.493	0.439	11.9	86	0.7	305	25
22/04/24 00:35	59.621	23.170	82.791	0.496	12.1	87	1.0	310	13
22/04/24 00:40	69.238	22.380	91.617	0.577	12.0	86	1.3	313	10
22/04/24 00:45	75.121	28.601	103.722	0.638	11.9	86	1.3	310	08
22/04/24 00:50	77.924	29.211	107.134	0.653	11.8	86	1.1	316	12
22/04/24 00:55	75.324	28.690	104.014	0.501	11.9	86	0.9	320	15
22/04/24 01:00	68.834	25.668	94.502	0.654	11.7	86	1.0	340	19
22/04/24 01:05					11.5	86	0.8	342	15
22/04/24 01:10					11.2	86	1.2	2	16
22/04/24 01:15					11.0	87	1.4	7	10
22/04/24 01:20					10.8	88	1.4	2	07
22/04/24 01:25					10.8	88	1.5	1	11
22/04/24 01:30					10.8	87	1.7	4	14
22/04/24 01:35					10.9	87	1.6	3	18
22/04/24 01:40					10.8	87	1.4	352	23
22/04/24 01:45					10.8	87	1.1	316	20
22/04/24 01:50					10.9	87	1.4	319	16
22/04/24 01:55					11.1	87	1.2	309	16
22/04/24 02:00					11.0	87	1.3	312	13
22/04/24 02:05	49.004	24.043	73.047	0.701	11.0	86	1.1	335	20
22/04/24 02:10	55.064	22.766	77.831	0.633	10.9	86	1.2	356	23
22/04/24 02:15	56.307	23.875	80.183	0.623	10.7	87	1.2	355	25
22/04/24 02:20	53.645	24.654	78.299	0.666	10.7	87	1.6	358	13
22/04/24 02:25	48.516	27.224	75.740	0.611	10.6	88	0.7	345	31
22/04/24 02:30	46.805	25.957	72.762	0.676	10.6	87	0.8	1	23
22/04/24 02:35	46.098	23.810	69.908	0.666	10.6	88	0.6	332	33
22/04/24 02:40	45.165	22.763	67.928	0.686	10.6	88	0.6	315	31
22/04/24 02:45	44.118	22.530	66.648	0.663	10.6	88	1.0	354	22
22/04/24 02:50	44.488	22.296	66.785	0.583	10.5	88	0.9	345	18
22/04/24 02:55	45.054	22.322	67.375	0.600	10.4	88	1.3	0	16
22/04/24 03:00	45.361	22.188	67.549	0.516	10.3	89	1.3	357	14
22/04/24 03:05	46.199	21.793	67.992	0.567	10.2	89	1.1	355	16
22/04/24 03:10	47.000	21.718	68.718	0.602	10.2	89	0.8	352	20
22/04/24 03:15	47.825	21.655	69.480	0.589	10.1	89	1.2	354	13
22/04/24 03:20	48.335	21.733	70.068	0.486	10.1	89	1.3	338	13
22/04/24 03:25	48.284	21.623	69.907	0.626	10.3	89	1.4	359	10
22/04/24 03:30	48.350	21.383	69.734	0.693	10.0	89	1.2	353	10
22/04/24 03:35	48.032	21.113	69.145	0.673	10.2	90	1.2	335	16
22/04/24 03:40	47.637	20.836	68.473	0.657	10.3	89	1.3	331	18
22/04/24 03:45	47.466	20.685	68.151	0.633	10.4	88	1.2	337	17
22/04/24 03:50	46.628	20.669	67.297	0.683	10.4	88	1.1	340	20
22/04/24 03:55	45.908	20.610	66.518	0.715	10.3	88	1.1	347	25
22/04/24 04:00	45.900	20.531	66.431	0.682	10.2	88	0.9	339	22
22/04/24 04:05	46.244	20.493	66.737	0.644	10.2	88	1.5	330	17
22/04/24 04:10	46.751	20.476	67.227	0.649	10.2	88	1.2	330	24
22/04/24 04:15	47.185	20.129	67.314	0.591	10.1	88	1.2	344	22
22/04/24 04:20	48.366	19.932	68.298	0.605	9.9	88	1.2	327	22
22/04/24 04:25	50.095	19.717	69.812	0.588	9.9	89	1.4	330	21
22/04/24 04:30	51.286	19.648	70.934	0.619	10.0	89	1.1	331	20
22/04/24 04:35	51.668	19.577	71.246	0.544	10.0	88	0.8	342	31
22/04/24 04:40	51.322	19.430	70.752	0.580	9.8	89	0.6	347	27
22/04/24 04:45	50.897	19.196	70.093	0.501	9.8	89	0.8	350	25
22/04/24 04:50	50.413	19.125	69.538	0.547	9.6	89	1.1	357	14
22/04/24 04:55	50.536	18.780	69.317	0.589	9.5	89	1.0	0	13
22/04/24 05:00	50.581	18.588	69.169	0.550	9.4	90	1.4	357	08
22/04/24 05:05	50.083	18.770	68.854	0.649	9.5	90	0.9	345	22
22/04/24 05:10	49.943	18.835	68.778	0.693	9.7	89	1.0	348	21
22/04/24 05:15	51.998	18.970	70.968	0.719	9.8	89	0.8	343	19
22/04/24 05:20	53.994	18.895	72.889	0.779	9.8	89	1.0	348	17
22/04/24 05:25	55.216	18.778	73.994	0.718	9.8	88	0.8	348	26
22/04/24 05:30	55.913	18.848	74.761	0.759	9.7	89	0.7	340	29
22/04/24 05:35	56.752	18.633	75.385	0.723	9.7	88	0.8	1	18
22/04/24 05:40	56.890	18.800	75.690	0.657	9.6	88	0.8	355	26
22/04/24 05:45	56.686	18.843	75.529	0.678	9.5	88	0.7	2	21
22/04/24 05:50	56.678	18.922	75.599	0.715	9.3	88	0.8	13	17
22/04/24 05:55	57.485	18.760	76.246	0.603	9.2	89	0.7	45	10
22/04/24 06:00	58.927	18.867	77.794	0.606	9.0	90	0.6	46	08
22/04/24 06:05	58.288	18.311	76.599	0.622	8.8	91	0.8	57	07
22/04/24 06:10	45.810	12.562	58.372	0.618	8.8	91	1.0	60	06
22/04/24 06:15	34.896	15.479	50.375	0.659	8.9	91	0.8	58	12
22/04/24 06:20	33.368	16.217	49.585	0.630	8.9	91	1.3	48	07
22/04/24 06:25	27.774	16.847	44.620	0.449	8.8	91	1.1	47	09
22/04/24 06:30	26.902	15.572	42.474	0.388	8.8	91	1.2	51	08
22/04/24 06:35	28.598	14.994	43.592	0.455	8.7	91	1.0	38	10
22/04/24 06:40	33.253	15.827	49.080	0.477	8.7	91	1.1	36	10
22/04/24 06:45	34.728	16.581	51.309	0.478	8.7	91	1.0	38	09
22/04/24 06:50	36.627	16.636	53.263	0.527	8.7	91	0.9	41	09
22/04/24 06:55	37.899	16.829	54.727	0.578	8.6	91	1.0	52	05
22/04/24 07:00	39.062	16.654	55.716	0.607	8.6	91	0.9	53	05
22/04/24 07:05	40.627	16.723	57.351	0.694	8.6	91	0.9	49	05
22/04/24 07:10	41.683	16.793	58.476	0.694	8.5	91	0.8	46	07
22/04/24 07:15	42.875	16.928	59.803	0.670	8.5	91	1.1	53	06
22/04/24 07:20	43.728	16.941	60.669	0.591	8.6	91	1.5	57	05

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/04/24 07:25	44.559	16.771	61.330	0.650	8.7	91	1.4	53	08
22/04/24 07:30	45.725	16.662	62.387	0.660	8.9	89	1.5	55	09
22/04/24 07:35	48.304	16.297	64.601	0.669	9.2	88	0.9	52	14
22/04/24 07:40	49.744	15.945	65.688	0.700	9.5	87	0.6	44	15
22/04/24 07:45	48.293	17.427	65.719	0.640	9.8	86	0.5	65	14
22/04/24 07:50	46.622	18.079	64.701	0.718	10.3	84	0.4	59	18
22/04/24 07:55	49.739	16.646	66.386	0.684	10.7	82	0.6	50	13
22/04/24 08:00	55.243	16.719	71.962	0.613	10.9	80	0.5	61	16
22/04/24 08:05	55.037	17.460	72.496	0.702	11.1	80	0.6	80	12
22/04/24 08:10	56.284	19.702	75.987	0.726	11.5	79	0.6	74	19
22/04/24 08:15	56.540	19.734	76.274	0.701	11.7	78	0.5	99	22
22/04/24 08:20	56.774	18.978	75.752	0.664	12.2	75	0.5	82	37
22/04/24 08:25	57.303	23.019	80.322	0.677	12.4	74	0.4	91	22
22/04/24 08:30	55.788	16.768	72.556	0.703	12.8	72	0.5	69	23
22/04/24 08:35	54.586	18.186	72.772	0.702	13.0	72	0.8	95	12
22/04/24 08:40	55.488	19.150	74.638	0.709	13.4	70	0.8	93	11
22/04/24 08:45	55.108	18.699	73.807	0.715	13.4	70	0.7	97	18
22/04/24 08:50	57.130	19.574	76.704	0.782	13.4	70	0.7	67	26
22/04/24 08:55	55.637	23.449	79.086	0.813	13.7	70	0.5	102	27
22/04/24 09:00	59.211	23.562	82.773	0.830	14.3	69	0.3	183	41
22/04/24 09:05	56.241	19.916	76.157	0.774	13.9	68	0.7	228	17
22/04/24 09:10	56.436	19.611	76.047	0.880	13.7	70	0.5	206	12
22/04/24 09:15	59.168	18.959	78.128	0.907	14.0	70	0.3	234	28
22/04/24 09:20	60.782	19.943	80.726	0.909	14.5	67	0.3	81	44
22/04/24 09:25	60.553	20.411	80.964	0.803	14.9	66	0.4	226	54
22/04/24 09:30	60.136	20.921	81.058	0.785	14.1	70	0.7	212	10
22/04/24 09:35	61.422	21.531	82.953	0.836	14.2	70	0.7	210	13
22/04/24 09:40	64.172	22.502	86.674	0.781	14.8	68	0.7	212	14
22/04/24 09:45	67.256	22.951	90.207	0.731	15.2	67	0.2	215	73
22/04/24 09:50	67.577	22.292	89.869	0.748	15.2	67	0.8	67	33
22/04/24 09:55	67.426	23.150	90.576	0.819	15.4	65	1.5	42	18
22/04/24 10:00	66.897	23.070	89.967	0.874	15.7	64	1.2	49	19
22/04/24 10:05	44.411	22.206	66.618	0.944	15.8	65	1.4	19	19
22/04/24 10:10	38.418	23.103	61.521	0.801	15.8	65	1.7	354	13
22/04/24 10:15	34.131	22.371	56.501	0.771	16.1	64	0.5	22	54
22/04/24 10:20	32.566	21.146	53.713	0.762	16.2	64	1.0	280	27
22/04/24 10:25	31.948	20.831	52.778	0.721	16.1	64	1.4	326	28
22/04/24 10:30	34.789	19.618	54.407	0.822	16.3	61	1.7	4	18
22/04/24 10:35	35.019	20.598	55.616	0.907	16.5	61	1.0	344	36
22/04/24 10:40	35.097	20.708	55.805	0.880	16.8	60	0.5	357	62
22/04/24 10:45	36.527	20.940	57.468	0.883	17.4	58	0.7	12	44
22/04/24 10:50	36.548	21.761	58.308	0.862	17.4	59	0.9	292	38
22/04/24 10:55	38.664	23.111	61.775	0.854	17.5	61	0.8	162	38
22/04/24 11:00	40.674	25.245	65.918	0.919	17.9	61	1.0	193	18
22/04/24 11:05	41.071	24.906	65.977	0.954	17.4	63	1.4	208	11
22/04/24 11:10	41.890	24.846	66.736	0.938	17.3	67	1.9	194	09
22/04/24 11:15	42.199	24.287	66.486	1.010	17.5	67	1.4	192	16
22/04/24 11:20	41.440	23.830	65.269	0.888	18.0	62	1.1	161	26
22/04/24 11:25	43.168	25.253	68.421	0.922	18.2	59	0.8	146	29
22/04/24 11:30	43.043	24.134	67.177	0.902	18.2	60	0.7	149	39
22/04/24 11:35	43.015	24.132	67.147	0.933	18.6	59	1.0	144	25
22/04/24 11:40	40.763	26.150	66.913	1.004	18.8	59	1.1	136	17
22/04/24 11:45	36.370	24.011	60.381	1.274	18.6	59	1.2	140	16
22/04/24 11:50	38.324	24.835	63.159	1.465	18.8	60	1.1	142	18
22/04/24 11:55	28.596	21.508	50.105	1.477	18.9	59	0.7	150	31
22/04/24 12:00	29.684	21.791	51.475	1.411	19.1	58	0.7	155	27
22/04/24 12:05	30.109	22.412	52.520	1.244	19.4	58	0.6	151	30
22/04/24 12:10	29.963	22.703	52.666	1.211	19.8	57	0.7	141	31
22/04/24 12:15	30.149	22.853	53.002	1.139	20.1	56	0.9	155	22
22/04/24 12:20	30.147	23.323	53.470	0.939	20.2	55	0.9	152	34
22/04/24 12:25	30.175	23.475	53.650	0.780	20.2	56	0.9	179	17
22/04/24 12:30	30.127	23.515	53.642	0.734	20.0	58	0.9	184	22
22/04/24 12:35	29.896	23.730	53.626	0.677	20.2	58	0.9	173	24
22/04/24 12:40	30.234	24.390	54.624	0.624	20.6	54	0.8	154	28
22/04/24 12:45	32.504	26.268	58.772	0.756	21.2	53	1.2	167	20
22/04/24 12:50	31.033	27.810	58.843	0.851	21.4	52	1.2	156	19
22/04/24 12:55	32.619	27.402	60.021	0.849	21.5	55	1.2	166	28
22/04/24 13:00	30.278	26.856	57.135	0.803	21.3	57	0.3	199	67
22/04/24 13:05	27.572	27.032	54.603	0.742	21.2	58	1.4	183	32
22/04/24 13:10	26.495	27.505	54.000	0.704	20.8	54	1.0	185	47
22/04/24 13:15	27.502	29.053	56.554	0.769	21.3	53	1.2	165	27
22/04/24 13:20	22.452	27.668	50.121	0.712	21.8	52	1.3	169	26
22/04/24 13:25	25.342	32.640	57.981	0.695	22.0	55	2.2	152	18
22/04/24 13:30	24.373	27.079	51.453	0.674	21.5	59	0.8	185	51
22/04/24 13:35	20.227	25.334	45.561	0.794	21.4	56	1.1	170	38
22/04/24 13:40	18.317	24.176	42.494	0.828	21.9	53	1.3	172	26
22/04/24 13:45	17.268	23.884	41.153	0.711	22.2	53	0.4	239	74
22/04/24 13:50	17.349	22.748	40.097	0.608	22.3	50	0.4	78	82
22/04/24 13:55	10.450	16.682	27.132	0.618	22.6	48	0.7	201	69
22/04/24 14:00	19.550	18.889	38.439	0.628	22.7	54	1.0	142	46
22/04/24 14:05	13.318	22.695	36.013	0.736	22.6	52	0.7	145	36
22/04/24 14:10	8.843	18.094	26.937	0.665	23.2	44	1.3	56	55
22/04/24 14:15	2.573	8.782	11.355	0.496	24.6	33	1.9	350	41
22/04/24 14:20	2.382	8.583	10.964	0.484	25.0	32	1.5	344	45
22/04/24 14:25	2.836	9.507	12.343	0.384	25.2	31	2.6	10	28
22/04/24 14:30	2.926	9.321	12.247	0.374	25.3	31	2.2	14	26
22/04/24 14:35	3.109	9.803	12.912	0.399	25.3	30	2.8	12	23
22/04/24 14:40	3.380	10.455	13.835	0.359	25.4	30	2.2	354	30
22/04/24 14:45	3.450	10.709	14.159	0.420	25.3	30	2.9	13	30
22/04/24 14:50	3.635	10.904	14.539	0.437	25.3	31	2.9	2	25
22/04/24 14:55	3.747	11.111	14.858	0.336	25.2	30	3.7	21	17
22/04/24 15:00	3.709	11.043	14.752	0.262	25.4	30	2.6	12	22
22/04/24 15:05	3.849	11.409	15.258	0.225	25.5	30	2.6	27	28
22/04/24 15:10	4.807	11.351	16.158	0.197	25.5	31	2.8	19	26
22/04/24 15:15	4.102	11.717	15.819	0.218	25.5	31	2.6	10	24
22/04/24 15:20	2.999	11.411	14.411	0.260	25.6	31	2.9	5	21
22/04/24 15:25	2.856	11.705	14.561	0.311	25.6	31	2.4	1	32
22/04/24 15:30	2.863	12.105	14.967	0.278	25.6	32	2.1	360	27
22/04/24 15:35	3.085	12.690	15.775	0.318	25.7	31	2.9	8	23
22/04/24 15:40	2.850	12.339	15.189	0.289	25.5	31	1.3	319	58
22/04/24 15:45	2.707	11.938	14.645	0.269	23.4	50	1.7	229	54
22/04/24 15:50	2.668	11.842	14.510	0.241	22.0	57	0.1	136	98
22/04/24 15:55	2.507	11.796	14.304	0.180	22.2	56	2.0	192	17
22/04/24 16:00	2.374	11.704	14.079	0.172	22.0	55	2.6	188	11

Station Pier Ambient Air Quality Monitoring									
April 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/04/24 16:05	2.193	11.282	13.476	0.206	22.1	54	2.6	177	13
22/04/24 16:10	1.944	10.517	12.461	0.256	22.0	55	2.0	186	15
22/04/24 16:15	1.746	9.691	11.437	0.315	21.7	59	2.4	172	18
22/04/24 16:20	1.475	8.869	10.345	0.263	21.2	64	1.2	169	32
22/04/24 16:25	1.211	8.139	9.350	0.248	20.7	65	1.6	170	19
22/04/24 16:30	1.081	7.721	8.802	0.155	20.6	66	1.4	170	31
22/04/24 16:35	1.210	7.789	8.999	0.185	20.6	62	1.7	168	18
22/04/24 16:40	1.499	8.353	9.852	0.225	20.9	60	0.7	190	46
22/04/24 16:45	1.297	8.463	9.760	0.196	21.0	60	0.8	157	39
22/04/24 16:50	1.143	8.325	9.468	0.269	21.1	61	0.7	147	37
22/04/24 16:55	0.943	8.488	9.432	0.217	21.2	63	1.1	89	18
22/04/24 17:00	0.933	9.088	10.021	0.205	21.8	48	0.6	358	44
22/04/24 17:05	0.949	11.046	11.995	0.286	22.4	49	1.4	275	31
22/04/24 17:10	0.993	13.536	14.529	0.299	22.5	50	1.4	277	18
22/04/24 17:15	1.097	15.426	16.523	0.244	22.1	54	1.1	293	14
22/04/24 17:20	1.025	17.088	18.113	0.197	21.9	58	1.2	286	24
22/04/24 17:25	1.050	21.421	22.470	0.176	21.7	54	1.1	290	23
22/04/24 17:30	1.227	25.221	26.448	0.115	22.1	49	0.9	279	24
22/04/24 17:35	1.997	32.842	34.838	0.196	21.7	59	1.4	245	13
22/04/24 17:40	2.262	35.617	37.879	0.114	20.9	65	2.0	243	13
22/04/24 17:45	2.167	30.917	33.084	0.079	20.4	70	1.8	268	10
22/04/24 17:50	2.306	28.875	31.180	0.033	20.0	74	1.4	266	14
22/04/24 17:55	2.986	40.775	43.761	0.082	19.7	74	0.7	274	26
22/04/24 18:00	6.153	46.593	52.746	0.081	19.6	75	0.8	263	11
22/04/24 18:05	19.913	41.725	61.638	0.113	19.4	75	0.5	265	19
22/04/24 18:10	22.572	41.221	63.793	0.175	19.2	76	0.1	209	71
22/04/24 18:15	23.061	41.548	64.610	0.188	19.0	76	0.3	225	25
22/04/24 18:20	24.154	41.549	65.703	0.212	19.0	80	0.6	232	08
22/04/24 18:25	24.294	41.672	65.967	0.237	18.8	79	0.7	230	12
22/04/24 18:30	24.526	43.321	67.847	0.299	18.7	79	0.8	229	11
22/04/24 18:35	23.580	44.383	67.962	0.452	18.7	73	0.4	341	60
22/04/24 18:40	14.787	37.694	52.482	0.470	19.0	59	1.0	10	19
22/04/24 18:45	8.360	35.100	43.460	0.578	19.5	53	1.1	360	27
22/04/24 18:50	3.931	28.162	32.093	0.490	20.0	50	1.0	5	33
22/04/24 18:55	2.081	25.992	28.073	0.543	20.3	48	1.5	356	29
22/04/24 19:00	1.404	25.100	26.504	0.516	20.4	47	1.7	359	27
22/04/24 19:05	0.986	23.187	24.173	0.551	20.4	47	1.6	358	25
22/04/24 19:10	0.836	22.810	23.646	0.639	20.4	47	2.0	6	20
22/04/24 19:15	0.674	22.295	22.968	0.661	20.4	47	2.4	1	23
22/04/24 19:20	0.958	22.122	23.080	0.622	20.5	47	1.6	3	31
22/04/24 19:25	0.957	22.164	23.121	0.657	20.3	48	1.7	6	24
22/04/24 19:30	0.936	23.018	23.954	0.697	20.2	48	1.1	20	32
22/04/24 19:35	0.589	23.418	24.008	0.678	20.0	48	1.8	10	24
22/04/24 19:40	0.522	22.851	23.373	0.534	20.0	48	2.3	1	23
22/04/24 19:45	0.508	22.705	23.213	0.616	20.1	47	2.2	3	22
22/04/24 19:50	0.688	24.080	24.768	0.630	20.0	48	1.5	11	28
22/04/24 19:55	0.892	26.056	26.948	0.439	19.8	48	2.1	3	14
22/04/24 20:00	0.922	27.102	28.023	0.427	19.7	48	2.4	1	20
22/04/24 20:05	0.849	26.411	27.260	0.389	19.8	48	2.2	2	17
22/04/24 20:10	0.875	26.137	27.013	0.499	19.5	49	2.2	1	19
22/04/24 20:15	0.811	26.373	27.185	0.627	19.5	49	2.0	354	23
22/04/24 20:20	0.958	27.111	28.068	0.697	19.3	49	1.8	357	25
22/04/24 20:25	1.004	27.785	28.788	0.737	19.3	50	1.9	346	23
22/04/24 20:30	1.146	28.357	29.503	0.797	19.2	50	1.9	335	30
22/04/24 20:35	1.632	29.512	31.143	0.856	19.0	50	1.4	334	29
22/04/24 20:40	2.578	31.276	33.854	0.811	18.9	50	1.6	339	30
22/04/24 20:45	3.373	34.273	37.646	0.919	18.9	51	1.4	331	31
22/04/24 20:50	4.309	35.979	40.289	0.976	18.7	51	1.3	332	34
22/04/24 20:55	4.958	36.168	41.126	1.006	18.6	51	1.6	331	33
22/04/24 21:00	5.250	35.806	41.055	1.035	18.5	51	1.5	337	29
22/04/24 21:05	5.150	35.119	40.269	1.027	18.4	51	1.5	340	34
22/04/24 21:10	4.768	34.159	38.927	1.130	18.2	52	1.6	351	31
22/04/24 21:15	4.306	33.032	37.338	1.034	18.3	51	2.0	358	26
22/04/24 21:20	3.596	31.425	35.021	1.003	18.1	51	2.2	359	18
22/04/24 21:25	2.763	28.695	31.458	0.908	18.1	51	1.8	4	21
22/04/24 21:30	2.150	23.988	26.138	0.900	18.1	51	1.3	4	23
22/04/24 21:35	2.163	24.682	26.845	0.985	18.0	51	1.2	10	27
22/04/24 21:40	1.716	24.457	26.173	0.898	17.8	51	1.9	7	20
22/04/24 21:45	1.460	23.562	25.022	0.777	17.8	50	2.3	356	22
22/04/24 21:50	1.125	22.964	24.089	0.722	17.9	50	2.3	1	18
22/04/24 21:55	0.903	22.770	23.673	0.822	17.9	50	2.3	356	22
22/04/24 22:00	0.800	22.708	23.508	0.845	17.8	50	2.7	1	17
22/04/24 22:05	0.748	22.532	23.280	0.819	17.7	50	2.4	4	20
22/04/24 22:10	0.610	22.375	22.985	0.812	17.7	50	2.0	7	22
22/04/24 22:15	0.532	22.090	22.622	0.756	17.6	50	2.1	2	23
22/04/24 22:20	0.530	21.777	22.307	0.788	17.6	49	1.9	358	29
22/04/24 22:25	0.472	21.524	21.996	0.754	17.6	50	1.8	356	24
22/04/24 22:30	0.450	21.564	22.014	0.757	17.5	50	1.6	10	24
22/04/24 22:35	0.188	21.761	21.949	0.781	17.4	50	2.1	5	16
22/04/24 22:40	0.211	21.408	21.619	0.723	17.5	50	2.1	5	23
22/04/24 22:45	0.194	20.717	20.911	0.517	17.5	49	1.9	2	21
22/04/24 22:50	0.236	20.185	20.421	0.386	17.7	49	1.9	359	24
22/04/24 22:55	0.305	19.882	20.187	0.324	17.5	50	1.8	357	23
22/04/24 23:00	0.273	19.949	20.222	0.342	17.4	50	1.4	6	25
22/04/24 23:05	0.233	20.521	20.754	0.336	17.3	51	1.7	6	16
22/04/24 23:10	0.180	20.815	20.995	0.353	17.2	50	1.7	355	25
22/04/24 23:15	0.195	20.365	20.560	0.366	17.4	50	1.8	357	22
22/04/24 23:20	0.252	19.767	20.019	0.297	17.4	50	1.3	11	33
22/04/24 23:25	0.258	19.209	19.467	0.315	17.2	50	1.6	351	23
22/04/24 23:30	0.366	18.607	18.973	0.247	17.2	50	1.2	3	29
22/04/24 23:35	0.385	18.238	18.623	0.288	17.1	51	1.4	15	24
22/04/24 23:40	0.314	17.757	18.071	0.340	17.0	51	1.5	7	24
22/04/24 23:45	0.333	17.079	17.412	0.439	17.0	51	1.2	6	27
22/04/24 23:50	0.247	16.624	16.871		17.0	51	1.5	359	25
22/04/24 23:55	0.230	16.521	16.751		17.0	51	1.2	355	35
23/04/24 00:00	0.299	16.731	17.030	0.428	16.9	52	1.6	355	25
23/04/24 00:05	0.365	17.390	17.754	0.418	16.8	52	1.4	358	26
23/04/24 00:10	0.336	17.690	18.027	0.466	16.6	52	1.7	3	23
23/04/24 00:15	0.241	17.356	17.597	0.473	16.8	52	1.9	8	19
23/04/24 00:20	0.253	17.615	17.868	0.511	16.7	52	2.1	7	24
23/04/24 00:25	0.181	18.009	18.190	0.550	16.7	52	2.3	5	19
23/04/24 00:30	0.168	17.534	17.702	0.419	16.8	52	2.3	5	20
23/04/24 00:35	0.201	16.742	16.943	0.389	17.0	51	1.7	18	24
23/04/24 00:40	0.192	15.924	16.116	0.363	16.9	51	1.5	36	21

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/04/24 00:45	0.229	15.016	15.245	0.367	17.0	51	1.7	32	26
23/04/24 00:50	0.290	13.925	14.215	0.309	17.1	51	1.8	26	21
23/04/24 00:55	0.306	12.745	13.051	0.301	17.0	51	1.4	27	29
23/04/24 01:00	0.309	12.124	12.433	0.297	17.0	51	1.6	25	25
23/04/24 01:05					16.9	51	1.6	32	27
23/04/24 01:10					16.9	51	1.8	29	22
23/04/24 01:15					16.8	51	1.5	28	25
23/04/24 01:20					17.0	51	1.8	24	22
23/04/24 01:25					16.8	51	1.7	21	26
23/04/24 01:30					16.9	51	1.7	22	23
23/04/24 01:35					16.8	50	1.7	20	28
23/04/24 01:40					17.0	49	2.3	19	19
23/04/24 01:45					17.2	48	2.1	16	20
23/04/24 01:50					17.3	48	2.0	22	26
23/04/24 01:55					17.6	46	2.3	22	21
23/04/24 02:00					17.8	45	2.3	21	18
23/04/24 02:05	0.282	7.970	8.253	0.475	17.8	46	2.0	24	22
23/04/24 02:10	0.158	7.677	7.834	0.455	17.8	46	1.9	27	24
23/04/24 02:15	0.177	7.555	7.731	0.368	17.7	46	1.5	17	32
23/04/24 02:20	0.262	7.504	7.767	0.415	17.5	46	2.6	17	19
23/04/24 02:25	0.163	7.455	7.617	0.390	17.5	46	2.2	12	27
23/04/24 02:30	0.143	7.389	7.532	0.365	17.5	46	2.1	13	24
23/04/24 02:35	0.159	7.557	7.717	0.402	17.4	46	2.4	14	24
23/04/24 02:40	0.121	7.731	7.852	0.380	17.3	46	1.9	17	26
23/04/24 02:45	0.051	7.989	8.041	0.453	17.1	47	2.3	17	22
23/04/24 02:50	-0.026	8.183	8.156	0.524	17.1	46	2.1	23	22
23/04/24 02:55	-0.070	8.370	8.300	0.479	17.1	46	2.0	24	28
23/04/24 03:00	-0.041	8.507	8.466	0.394	17.2	46	2.3	19	24
23/04/24 03:05	-0.004	8.464	8.460	0.390	17.3	45	2.3	27	26
23/04/24 03:10	-0.002	8.239	8.236	0.489	17.4	44	3.1	29	16
23/04/24 03:15	-0.091	8.144	8.053	0.466	17.4	44	2.5	31	19
23/04/24 03:20	-0.058	7.923	7.864	0.511	17.4	44	2.8	31	19
23/04/24 03:25	-0.095	7.853	7.759	0.564	17.4	44	3.1	29	18
23/04/24 03:30	-0.059	7.769	7.710	0.446	17.4	44	3.0	27	17
23/04/24 03:35	-0.011	7.745	7.734	0.466	17.3	44	2.5	31	25
23/04/24 03:40	0.131	7.798	7.929	0.342	17.3	44	2.9	28	17
23/04/24 03:45	0.120	7.888	8.008	0.410	17.3	44	1.9	26	26
23/04/24 03:50	0.059	8.085	8.144	0.322	17.3	45	2.3	30	18
23/04/24 03:55	-0.049	8.128	8.080	0.329	17.2	44	2.0	24	25
23/04/24 04:00	-0.027	8.209	8.182	0.360	17.2	44	1.7	31	27
23/04/24 04:05	0.078	8.354	8.432	0.414	17.1	45	1.7	28	25
23/04/24 04:10	0.114	8.473	8.587	0.468	17.0	44	2.2	31	20
23/04/24 04:15	0.147	8.906	9.054	0.406	17.0	44	1.7	33	19
23/04/24 04:20	0.170	9.430	9.600	0.381	16.9	45	1.0	30	39
23/04/24 04:25	0.077	9.968	10.045	0.421	16.9	46	1.2	356	28
23/04/24 04:30	0.086	10.595	10.680	0.441	16.8	47	0.9	316	39
23/04/24 04:35	0.012	11.202	11.214	0.462	16.8	52	1.1	268	26
23/04/24 04:40	-0.004	12.357	12.353	0.494	16.4	52	0.9	303	25
23/04/24 04:45	0.099	13.495	13.594	0.450	16.1	51	0.9	28	23
23/04/24 04:50	0.180	13.913	14.093	0.360	15.7	50	0.9	40	19
23/04/24 04:55	0.243	14.367	14.610	0.372	15.5	51	0.5	16	29
23/04/24 05:00	0.199	14.530	14.729	0.371	15.5	50	0.5	6	53
23/04/24 05:05	0.128	14.670	14.799	0.362	15.8	49	1.4	17	33
23/04/24 05:10	0.088	14.355	14.443	0.414	16.3	47	1.5	340	34
23/04/24 05:15	0.105	13.856	13.961	0.371	17.0	45	1.3	337	34
23/04/24 05:20	0.059	14.374	14.433	0.478	17.3	47	1.3	306	26
23/04/24 05:25	0.068	17.442	17.510	0.583	17.1	48	0.8	297	43
23/04/24 05:30	0.165	26.760	26.925	0.527	17.0	47	1.2	325	35
23/04/24 05:35	0.319	28.337	28.655	0.505	17.2	46	1.1	334	40
23/04/24 05:40	0.268	29.029	29.297	0.580	17.2	44	1.8	358	23
23/04/24 05:45	0.478	29.922	30.400	0.626	17.3	45	2.2	354	30
23/04/24 05:50	0.546	30.082	30.628	0.580	17.4	44	2.2	359	27
23/04/24 05:55	0.610	29.662	30.271	0.583	17.4	45	2.1	5	29
23/04/24 06:00	0.668	29.346	30.014	0.589	17.3	45	2.3	0	22
23/04/24 06:05	0.578	28.692	29.270	0.533	17.4	44	2.2	3	25
23/04/24 06:10	0.593	28.209	28.802	0.429	17.3	44	2.9	354	22
23/04/24 06:15	0.637	28.264	28.901	0.325	17.2	45	1.9	349	31
23/04/24 06:20	0.745	28.807	29.552	0.406	17.1	45	1.7	354	37
23/04/24 06:25	1.160	30.065	31.224	0.394	17.0	45	2.2	4	30
23/04/24 06:30	1.779	31.769	33.548	0.336	17.0	46	2.6	4	20
23/04/24 06:35	2.035	32.800	34.835	0.343	17.0	46	2.9	2	21
23/04/24 06:40	2.015	33.150	35.165	0.332	17.0	46	2.4	359	23
23/04/24 06:45	1.918	33.123	35.041	0.306	17.0	46	2.5	2	19
23/04/24 06:50	1.998	33.568	35.566	0.333	16.9	46	1.5	359	38
23/04/24 06:55	2.103	34.527	36.630	0.443	16.9	47	1.0	345	55
23/04/24 07:00	2.613	35.866	38.478	0.331	16.9	47	1.4	1	32
23/04/24 07:05	3.594	37.400	40.994	0.221	16.8	47	1.5	15	32
23/04/24 07:10	5.967	45.437	51.404	0.330	16.7	48	1.0	15	38
23/04/24 07:15	10.682	47.032	57.714	0.335	16.5	48	1.4	5	24
23/04/24 07:20	10.393	42.501	52.893	0.318	16.7	48	1.4	350	24
23/04/24 07:25	6.971	33.964	40.934	0.395	16.8	48	1.3	329	36
23/04/24 07:30	4.757	31.520	36.277	0.459	17.0	47	1.7	345	38
23/04/24 07:35	4.744	31.184	35.927	0.375	17.1	47	2.1	7	24
23/04/24 07:40	4.840	30.607	35.447	0.405	17.0	47	1.8	9	29
23/04/24 07:45	4.877	29.926	34.803	0.442	17.1	47	2.3	2	30
23/04/24 07:50	4.670	28.513	33.183	0.389	17.4	46	2.0	2	28
23/04/24 07:55	4.441	25.537	29.977	0.424	17.7	45	1.4	337	38
23/04/24 08:00	4.443	24.520	28.964	0.478	17.8	45	1.0	346	49
23/04/24 08:05	4.519	24.391	28.910	0.512	18.1	44	1.6	350	37
23/04/24 08:10	4.751	24.325	29.077	0.403	18.2	44	1.8	356	32
23/04/24 08:15	4.804	23.552	28.355	0.246	18.2	44	1.8	3	26
23/04/24 08:20	4.750	22.450	27.199	0.223	18.4	44	2.4	358	24
23/04/24 08:25	4.679	21.549	26.228	0.297	18.6	43	2.8	1	19
23/04/24 08:30	4.532	20.274	24.806	0.351	18.8	43	1.3	354	33
23/04/24 08:35	4.552	19.925	24.477	0.414	18.9	43	1.0	338	48
23/04/24 08:40	5.066	20.443	25.509	0.530	19.0	42	1.9	353	35
23/04/24 08:45	6.215	21.796	28.011	0.516	19.2	42	0.6	351	65
23/04/24 08:50	7.314	25.436	32.750	0.496	19.4	42	1.5	343	39
23/04/24 08:55	8.820	28.548	37.369	0.586	19.6	42	1.6	334	33
23/04/24 09:00	9.726	27.632	37.358	0.476	19.8	41	1.5	329	39
23/04/24 09:05	9.062	21.856	30.918	0.309	20.0	40	2.1	336	29
23/04/24 09:10	6.613	13.235	19.847	0.307	20.3	39	2.6	334	35
23/04/24 09:15	5.155	12.459	17.614	0.349	20.2	39	3.1	331	25
23/04/24 09:20	5.214	14.545	19.759	0.242	20.3	39	2.2	338	36

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/04/24 09:25	5.502	15.799	21.300	0.249	20.4	39	2.1	338	30
23/04/24 09:30	5.556	16.119	21.675	0.145	20.6	39	3.0	4	27
23/04/24 09:35	5.866	16.813	22.679	0.191	20.7	39	2.8	346	30
23/04/24 09:40	5.417	15.846	21.263	0.275	20.8	39	3.7	336	29
23/04/24 09:45	4.753	10.310	15.064	0.143	20.7	39	4.0	336	25
23/04/24 09:50	4.267	9.286	13.553	0.166	20.7	39	2.9	339	35
23/04/24 09:55	3.909	9.892	13.801	0.193	20.8	39	3.4	346	27
23/04/24 10:00	3.697	10.000	13.697	0.311	21.0	39	3.3	355	26
23/04/24 10:05	3.530	10.111	13.641	0.324	21.2	39	4.0	355	32
23/04/24 10:10	3.531	10.365	13.896	0.413	21.3	39	3.2	4	23
23/04/24 10:15	3.807	11.229	15.035	0.461	21.7	38	3.8	359	24
23/04/24 10:20	3.666	10.757	14.423	0.517	21.7	38	4.9	3	23
23/04/24 10:25	3.517	10.495	14.012	0.474	21.8	38	5.6	7	15
23/04/24 10:30	3.263	10.209	13.472	0.487	21.9	38	4.2	358	27
23/04/24 10:35	3.092	10.129	13.222	0.363	21.9	38	4.4	357	25
23/04/24 10:40	3.036	10.010	13.046	0.385	21.9	38	3.3	347	24
23/04/24 10:45	3.123	10.190	13.313	0.305	22.0	38	3.5	355	28
23/04/24 10:50	3.134	10.425	13.559	0.331	22.3	38	4.2	5	19
23/04/24 10:55	3.290	10.477	13.767	0.464	22.5	37	3.8	4	23
23/04/24 11:00	3.374	10.608	13.982	0.431	22.7	37	3.7	10	22
23/04/24 11:05	3.458	10.867	14.325	0.387	22.7	37	3.3	8	27
23/04/24 11:10	3.503	10.996	14.499	0.508	22.8	37	3.7	359	26
23/04/24 11:15	3.330	10.688	14.018	0.495	22.7	37	4.0	12	19
23/04/24 11:20	3.281	10.455	13.735	0.443	23.0	37	3.2	9	26
23/04/24 11:25	3.461	10.685	14.146	0.323	23.1	38	2.9	0	35
23/04/24 11:30	3.454	10.868	14.322	0.318	23.2	38	3.5	7	25
23/04/24 11:35	3.372	10.472	13.844	0.271	23.2	38	3.5	3	24
23/04/24 11:40	3.151	10.257	13.408	0.315	23.3	38	3.0	357	29
23/04/24 11:45	3.166	10.416	13.582	0.320	23.5	38	3.1	359	35
23/04/24 11:50	3.238	10.562	13.799	0.263	23.5	38	3.6	5	24
23/04/24 11:55	3.096	10.130	13.227	0.279	23.6	38	4.5	2	19
23/04/24 12:00	2.763	9.613	12.376	0.352	23.5	38	4.1	6	24
23/04/24 12:05	2.599	9.043	11.642	0.330	23.6	38	3.3	7	26
23/04/24 12:10	2.455	8.952	11.407	0.383	23.8	38	2.6	20	23
23/04/24 12:15	2.593	9.277	11.871	0.410	23.9	38	3.0	27	22
23/04/24 12:20	2.619	8.923	11.542	0.354	24.2	38	3.3	19	21
23/04/24 12:25	3.092	8.752	11.843	0.283	24.5	38	2.2	10	37
23/04/24 12:30	3.035	8.838	11.873	0.132	24.8	37	3.4	10	20
23/04/24 12:35	3.064	9.095	12.159	0.158	24.8	37	3.0	357	26
23/04/24 12:40	3.425	9.763	13.188	0.219	25.0	37	2.6	355	35
23/04/24 12:45	3.400	9.518	12.917	0.198	25.1	35	3.5	5	29
23/04/24 12:50	3.283	9.678	12.961	0.329	25.2	35	3.1	349	33
23/04/24 12:55	3.022	9.122	12.144	0.368	25.1	35	3.2	323	25
23/04/24 13:00	2.684	8.129	10.813	0.331	25.2	34	2.9	321	27
23/04/24 13:05	2.400	7.658	10.058	0.362	25.2	35	2.7	313	26
23/04/24 13:10	2.133	7.250	9.383	0.377	25.2	34	3.1	335	34
23/04/24 13:15	2.150	7.094	9.245	0.262	25.2	34	2.9	350	35
23/04/24 13:20	2.276	7.543	9.819	0.215	25.4	34	3.9	359	22
23/04/24 13:25	2.868	9.191	12.058	0.102	25.5	35	3.5	8	26
23/04/24 13:30	2.756	9.660	12.416	0.141	25.6	34	3.5	5	24
23/04/24 13:35	2.588	8.614	11.202	0.151	25.5	34	3.5	8	24
23/04/24 13:40	2.167	8.744	10.911	0.256	25.6	35	3.6	19	23
23/04/24 13:45	2.334	9.026	11.361	0.330	25.6	35	3.0	26	28
23/04/24 13:50	2.472	9.265	11.737	0.323	25.5	35	3.3	1	24
23/04/24 13:55	2.721	9.541	12.263	0.282	25.8	34	3.5	3	22
23/04/24 14:00	2.890	9.827	12.717	0.279	26.0	31	2.4	320	32
23/04/24 14:05	3.083	10.016	13.099	0.489	26.1	26	4.3	316	24
23/04/24 14:10	3.397	10.434	13.831	0.526	26.2	26	5.0	305	20
23/04/24 14:15	3.504	10.327	13.831	0.680	26.2	27	3.5	322	27
23/04/24 14:20	3.200	9.666	12.866	0.616	26.0	26	3.9	316	25
23/04/24 14:25	2.997	9.158	12.155	0.583	26.0	26	3.6	321	28
23/04/24 14:30	2.771	8.642	11.413	0.642	26.2	26	4.0	319	26
23/04/24 14:35	2.570	8.390	10.960	0.596	26.1	26	5.6	311	17
23/04/24 14:40	2.735	8.359	11.093	0.676	26.1	26	5.5	309	19
23/04/24 14:45	2.722	8.277	10.999	0.621	26.0	26	5.7	307	17
23/04/24 14:50	2.655	8.409	11.064	0.540	26.0	27	4.1	321	23
23/04/24 14:55	2.524	8.625	11.149	0.497	26.0	28	3.6	314	28
23/04/24 15:00	2.394	8.772	11.166	0.484	26.0	30	2.9	357	30
23/04/24 15:05	2.160	8.404	10.564	0.429	25.9	30	3.2	346	31
23/04/24 15:10	2.385	9.061	11.445	0.315	25.9	31	2.5	337	35
23/04/24 15:15	2.461	9.462	11.923	0.368	26.0	31	2.8	341	40
23/04/24 15:20	2.447	9.633	12.081	0.329	26.0	31	3.4	0	25
23/04/24 15:25	2.418	9.932	12.351	0.219	25.9	31	3.5	337	30
23/04/24 15:30	2.250	9.874	12.124	0.117	25.8	32	1.9	356	41
23/04/24 15:35	2.244	10.379	12.623	0.097	25.8	31	2.8	354	27
23/04/24 15:40	2.304	11.161	13.465	0.237	25.7	32	2.8	337	30
23/04/24 15:45	2.294	12.060	14.354	0.264	25.7	32	2.6	343	32
23/04/24 15:50	2.358	12.618	14.976	0.306	25.6	32	3.5	6	28
23/04/24 15:55	2.204	12.254	14.459	0.269	25.5	32	3.1	358	37
23/04/24 16:00	1.989	12.105	14.094	0.247	25.4	33	2.3	358	37
23/04/24 16:05	2.132	13.111	15.242	0.254	25.4	33	2.3	355	29
23/04/24 16:10	2.073	13.751	15.823	0.337	25.3	32	3.0	349	33
23/04/24 16:15	1.891	13.853	15.744	0.403	25.4	32	2.3	6	28
23/04/24 16:20	1.967	14.645	16.612	0.408	25.4	33	2.1	346	36
23/04/24 16:25	2.257	15.707	17.964	0.430	25.4	33	2.8	358	29
23/04/24 16:30	2.218	15.711	17.929	0.339	25.4	33	2.2	3	34
23/04/24 16:35	2.224	16.063	18.288	0.176	25.4	33	2.6	5	28
23/04/24 16:40	2.229	16.344	18.573	0.042	25.3	33	2.7	4	28
23/04/24 16:45	2.127	16.660	18.787	0.129	25.3	33	2.4	8	24
23/04/24 16:50	2.074	17.102	19.176	0.238	25.3	33	2.7	8	23
23/04/24 16:55	1.897	16.827	18.725	0.176	25.3	33	3.0	15	22
23/04/24 17:00	1.687	16.357	18.044	0.173	25.3	33	3.6	9	23
23/04/24 17:05	1.598	15.967	17.565	0.295	25.3	32	3.0	8	27
23/04/24 17:10	1.460	15.892	17.352	0.247	25.2	33	2.2	18	27
23/04/24 17:15	1.326	16.018	17.345	0.267	25.0	35	2.3	8	19
23/04/24 17:20	1.234	16.073	17.307	0.304	24.9	35	2.1	17	24
23/04/24 17:25	1.235	15.957	17.192	0.380	24.7	36	3.0	25	19
23/04/24 17:30	1.200	15.842	17.041	0.469	24.7	36	2.5	22	21
23/04/24 17:35	3.404	25.781	29.185	0.409	24.5	36	2.3	20	26
23/04/24 17:40	2.977	15.616	18.593	0.367	24.5	35	2.7	20	22
23/04/24 17:45	0.630	15.569	16.198	0.317	24.5	34	2.6	22	19
23/04/24 17:50	0.396	16.053	16.449	0.353	24.5	34	1.4	20	29
23/04/24 17:55	0.428	16.949	17.377	0.364	24.4	34	2.2	23	20
23/04/24 18:00	0.479	17.197	17.676	0.348	24.4	34	2.1	23	27

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/04/24 18:05	0.567	17.198	17.765	0.347	24.3	34	2.0	23	28
23/04/24 18:10	0.545	16.926	17.471	0.405	24.2	33	2.4	24	22
23/04/24 18:15	0.547	16.978	17.525	0.430	24.1	34	3.3	28	20
23/04/24 18:20	0.556	17.263	17.819	0.325	24.2	33	2.9	25	23
23/04/24 18:25	0.687	17.603	18.290	0.323	24.1	33	2.7	26	22
23/04/24 18:30	0.723	17.610	18.333	0.371	24.0	33	2.4	28	22
23/04/24 18:35	0.678	17.860	18.538	0.455	23.9	34	2.3	23	27
23/04/24 18:40	0.675	17.786	18.461	0.351	23.8	33	2.6	22	25
23/04/24 18:45	0.782	17.690	18.472	0.438	23.7	33	2.6	19	20
23/04/24 18:50	0.771	17.534	18.305	0.466	23.6	33	3.1	18	20
23/04/24 18:55	0.823	17.402	18.225	0.480	23.7	33	2.8	10	27
23/04/24 19:00	0.744	16.839	17.583	0.461	23.5	33	2.7	19	23
23/04/24 19:05	0.714	16.293	17.007	0.425	23.5	33	2.9	19	23
23/04/24 19:10	0.610	16.043	16.653	0.481	23.5	33	3.7	18	23
23/04/24 19:15	0.491	15.734	16.225	0.412	23.4	33	2.4	25	21
23/04/24 19:20	0.502	15.755	16.257	0.357	23.3	34	2.6	16	26
23/04/24 19:25	0.574	15.716	16.290	0.409	23.2	34	3.2	17	20
23/04/24 19:30	0.510	15.477	15.988	0.451	23.2	34	3.5	20	22
23/04/24 19:35	0.426	15.031	15.457	0.425	23.2	34	3.0	15	28
23/04/24 19:40	0.337	14.539	14.876	0.418	23.2	34	3.7	16	18
23/04/24 19:45	0.243	14.009	14.252	0.428	23.1	34	3.7	17	18
23/04/24 19:50	0.312	13.372	13.684	0.402	23.1	35	3.0	7	28
23/04/24 19:55	0.347	12.606	12.954	0.397	23.0	35	2.4	10	23
23/04/24 20:00	0.383	11.979	12.361	0.412	23.0	35	2.7	6	22
23/04/24 20:05	0.396	11.409	11.805	0.382	23.0	35	2.5	2	31
23/04/24 20:10	0.389	11.044	11.433	0.399	23.0	35	3.4	0	23
23/04/24 20:15	0.292	11.300	11.592	0.334	23.0	36	2.3	357	39
23/04/24 20:20	0.201	11.916	12.118	0.324	22.9	36	2.6	352	35
23/04/24 20:25	0.241	12.563	12.804	0.334	22.8	36	2.1	1	30
23/04/24 20:30	0.332	13.697	14.029	0.304	22.7	36	2.7	354	31
23/04/24 20:35	0.518	15.206	15.724	0.195	22.8	36	2.4	331	32
23/04/24 20:40	0.748	16.666	17.414	0.268	22.8	36	2.1	314	29
23/04/24 20:45	0.989	18.892	19.880	0.502	22.8	36	3.1	307	18
23/04/24 20:50	1.049	19.497	20.545	0.525	22.9	35	2.4	349	37
23/04/24 20:55	0.921	15.142	16.063	0.532	23.1	34	4.2	307	19
23/04/24 21:00	0.872	13.797	14.669	0.555	23.3	35	5.9	279	17
23/04/24 21:05	0.903	13.403	14.306	0.450	22.8	38	7.1	263	07
23/04/24 21:10	0.943	9.989	10.932	0.405	21.7	47	7.6	242	16
23/04/24 21:15	1.408	7.515	8.922	0.501	20.2	56	8.3	239	05
23/04/24 21:20	1.085	2.205	3.290	0.436	19.9	56	7.6	250	09
23/04/24 21:25	1.230	7.737	8.966	0.442	19.9	57	7.4	246	11
23/04/24 21:30	1.600	11.260	12.860	0.533	19.6	59	6.8	251	07
23/04/24 21:35	2.067	12.253	14.320	0.608	19.4	60	6.6	242	07
23/04/24 21:40	1.542	3.080	4.622	0.647	19.1	62	8.1	242	07
23/04/24 21:45	1.123	2.533	3.657	0.727	18.8	64	9.1	248	08
23/04/24 21:50	0.855	2.766	3.620	0.655	18.6	67	8.5	243	08
23/04/24 21:55	0.817	3.427	4.244	0.607	18.3	69	8.1	255	08
23/04/24 22:00	1.152	5.268	6.420	0.501	18.1	71	8.8	259	06
23/04/24 22:05	1.483	8.058	9.541	0.431	17.9	73	9.6	257	06
23/04/24 22:10	1.967	11.546	13.513	0.286	17.7	75	9.5	256	06
23/04/24 22:15	2.122	11.167	13.289	0.227	17.5	78	8.9	262	07
23/04/24 22:20	2.058	12.191	14.249	0.284	17.2	80	8.8	259	07
23/04/24 22:25	1.931	11.085	13.015	0.257	17.1	82	9.5	261	06
23/04/24 22:30	1.969	13.315	15.283	0.256	16.9	84	8.8	260	06
23/04/24 22:35	2.482	14.769	17.251	0.133	16.7	86	8.1	259	06
23/04/24 22:40	2.729	10.048	12.777	0.116	16.5	87	8.9	259	06
23/04/24 22:45	2.412	9.451	11.863	0.124	16.4	89	8.7	266	08
23/04/24 22:50	1.817	4.865	6.681	0.128	16.2	90	6.0	274	12
23/04/24 22:55	1.375	3.939	5.314	0.170	16.1	92	6.9	267	07
23/04/24 23:00	1.103	3.830	4.934	0.231	16.1	92	10.2	261	06
23/04/24 23:05	1.078	4.432	5.510	0.183	15.5	89	13.3	259	07
23/04/24 23:10	1.196	4.833	6.029	0.187	14.9	89	11.1	260	09
23/04/24 23:15	1.062	4.604	5.666	0.147	14.4	89	10.5	267	06
23/04/24 23:20	0.805	4.217	5.022	0.093	14.0	89	11.6	261	06
23/04/24 23:25	0.678	4.101	4.779	0.119	13.8	89	10.6	265	08
23/04/24 23:30	0.573	3.921	4.495	0.192	13.7	89	10.2	265	07
23/04/24 23:35	0.589	3.748	4.337	0.128	13.7	87	11.1	265	06
23/04/24 23:40	0.466	3.610	4.075	-0.039	13.6	86	11.4	263	06
23/04/24 23:45	0.433	4.163	4.596	-0.032	13.6	84	11.4	258	06
23/04/24 23:50	0.842	5.054	5.896		13.5	81	12.7	253	09
23/04/24 23:55	1.122	5.701	6.823		13.5	82	12.3	259	07
24/04/24 00:00	1.185	5.768	6.952	0.083	13.5	80	11.4	258	07
24/04/24 00:05	1.288	6.280	7.568	0.158	13.4	80	10.0	254	07
24/04/24 00:10	1.518	8.048	9.566	0.184	13.4	80	10.6	261	09
24/04/24 00:15	1.253	6.038	7.291	0.156	13.3	82	9.3	266	07
24/04/24 00:20	0.922	4.694	5.616	0.137	13.0	84	9.5	260	07
24/04/24 00:25	0.795	4.245	5.041	0.184	12.6	87	9.4	260	05
24/04/24 00:30	1.062	6.552	7.614	0.167	12.6	89	7.5	265	08
24/04/24 00:35	1.061	2.193	3.254	0.152	12.6	89	6.6	270	10
24/04/24 00:40	0.973	1.124	2.097	0.168	12.6	90	5.3	272	11
24/04/24 00:45	0.900	1.489	2.389	0.226	12.7	90	5.3	271	11
24/04/24 00:50	0.615	1.758	2.373	0.232	12.6	89	4.5	282	14
24/04/24 00:55	0.407	2.301	2.708	0.254	12.5	88	4.5	281	14
24/04/24 01:00	0.327	2.717	3.044	0.365	12.6	87	5.5	268	09
24/04/24 01:05					12.8	86	4.6	274	13
24/04/24 01:10					12.7	86	3.6	284	15
24/04/24 01:15					12.6	86	4.2	278	13
24/04/24 01:20					12.7	87	4.1	276	13
24/04/24 01:25					12.7	86	4.8	276	13
24/04/24 01:30					12.6	86	5.5	273	10
24/04/24 01:35					12.7	86	6.4	269	07
24/04/24 01:40					12.7	85	5.7	276	11
24/04/24 01:45					12.7	85	4.7	277	13
24/04/24 01:50					12.8	85	6.5	268	07
24/04/24 01:55					12.9	85	4.9	280	12
24/04/24 02:00					12.8	84	4.7	281	10
24/04/24 02:05	0.103	3.163	3.266	0.384	12.7	84	4.6	279	15
24/04/24 02:10	0.190	3.356	3.546	0.450	12.7	84	4.3	282	14
24/04/24 02:15	0.100	3.530	3.631	0.453	12.6	84	5.0	279	12
24/04/24 02:20	0.020	3.819	3.839	0.392	12.7	83	5.5	275	11
24/04/24 02:25	0.073	4.128	4.200	0.388	12.7	84	6.5	269	07
24/04/24 02:30	0.226	5.512	5.737	0.312	12.7	82	7.0	267	06
24/04/24 02:35	0.461	6.941	7.401	0.218	12.6	81	5.9	270	14
24/04/24 02:40	0.399	5.701	6.101	0.153	12.6	83	3.6	283	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/04/24 02:45	0.334	4.185	4.519	0.101	12.4	83	3.5	291	13
24/04/24 02:50	0.183	3.777	3.960	-0.051	12.3	84	3.5	284	14
24/04/24 02:55	0.093	4.328	4.421	-0.061	12.4	84	4.6	272	12
24/04/24 03:00	0.134	4.841	4.975	-0.030	12.4	84	5.2	274	09
24/04/24 03:05	0.130	4.871	5.001	0.043	12.5	83	5.5	271	13
24/04/24 03:10	0.152	4.925	5.077	0.162	12.5	84	4.6	278	14
24/04/24 03:15	0.212	4.919	5.131	0.229	12.4	83	6.0	271	11
24/04/24 03:20	0.274	4.996	5.270	0.348	12.5	83	5.8	270	08
24/04/24 03:25	0.343	4.946	5.290	0.355	12.4	83	5.0	274	12
24/04/24 03:30	0.284	4.807	5.091	0.249	12.5	83	4.0	280	15
24/04/24 03:35	0.247	4.625	4.872	0.229	12.4	83	4.0	281	12
24/04/24 03:40	0.208	4.424	4.632	0.384	12.3	83	3.9	283	14
24/04/24 03:45	0.142	4.225	4.367	0.428	12.2	82	4.0	291	12
24/04/24 03:50	0.073	4.113	4.187	0.345	12.2	83	3.6	287	14
24/04/24 03:55	0.062	3.976	4.038	0.334	12.2	84	4.2	284	12
24/04/24 04:00	-0.002	3.810	3.809	0.314	12.1	83	4.3	278	14
24/04/24 04:05	-0.081	3.808	3.727	0.301	12.2	84	3.8	282	14
24/04/24 04:10	-0.058	3.979	3.921	0.290	12.2	84	4.0	281	13
24/04/24 04:15	-0.002	4.265	4.263	0.294	12.3	84	3.9	283	12
24/04/24 04:20	-0.029	4.203	4.174	0.261	12.3	83	4.7	278	10
24/04/24 04:25	-0.012	4.187	4.176	0.356	12.2	84	4.7	277	11
24/04/24 04:30	0.018	4.229	4.247	0.335	12.2	83	3.6	281	16
24/04/24 04:35	0.077	4.404	4.481	0.333	12.1	84	3.8	277	13
24/04/24 04:40	0.111	4.601	4.711	0.364	12.3	83	3.7	282	14
24/04/24 04:45	0.026	4.928	4.954	0.402	12.3	83	3.9	277	14
24/04/24 04:50	0.060	5.079	5.139	0.351	12.3	83	4.3	275	12
24/04/24 04:55	0.149	5.165	5.314	0.330	12.2	83	4.1	274	13
24/04/24 05:00	0.161	5.314	5.476	0.336	12.3	84	3.1	283	15
24/04/24 05:05	0.188	5.544	5.732	0.309	12.3	84	4.2	272	13
24/04/24 05:10	0.246	5.909	6.154	0.222	12.4	83	4.5	273	13
24/04/24 05:15	0.326	6.535	6.860	0.227	12.3	83	5.5	268	08
24/04/24 05:20	0.459	7.412	7.871	0.132	12.5	83	5.4	264	11
24/04/24 05:25	0.737	8.253	8.990	0.175	12.5	82	7.0	258	07
24/04/24 05:30	1.803	11.201	13.004	0.206	12.6	82	7.0	253	07
24/04/24 05:35	2.008	11.148	13.156	0.332	12.8	81	7.6	256	07
24/04/24 05:40	2.229	14.030	16.259	0.355	12.9	81	6.7	257	09
24/04/24 05:45	2.724	13.288	16.012	0.371	12.9	81	7.0	260	06
24/04/24 05:50	3.149	14.374	17.523	0.432	12.9	81	7.0	257	08
24/04/24 05:55	3.159	12.419	15.578	0.498	12.7	81	6.9	262	07
24/04/24 06:00	3.031	11.174	14.206	0.535	12.7	82	6.7	261	07
24/04/24 06:05	3.148	11.592	14.741	0.548	12.6	82	6.5	260	06
24/04/24 06:10	3.633	12.703	16.336	0.519	12.5	83	5.7	258	08
24/04/24 06:15	3.905	13.993	17.898	0.574	12.6	84	5.6	262	09
24/04/24 06:20	3.843	12.899	16.743	0.642	12.5	83	6.2	258	07
24/04/24 06:25	3.846	13.549	17.394	0.565	12.5	84	5.9	263	07
24/04/24 06:30	4.646	18.414	23.060	0.535	12.5	84	5.7	260	09
24/04/24 06:35	7.582	28.808	36.390	0.522	12.5	83	7.1	254	07
24/04/24 06:40	10.903	16.068	26.972	0.544	12.5	84	7.0	251	07
24/04/24 06:45	9.143	12.803	21.946	0.590	12.5	85	9.1	240	07
24/04/24 06:50	6.084	8.776	14.860	0.470	12.4	87	8.8	241	08
24/04/24 06:55	0.985	3.215	4.199	0.408	12.7	88	9.0	232	07
24/04/24 07:00	0.658	2.543	3.201	0.462	13.2	85	8.3	222	07
24/04/24 07:05	0.434	1.382	1.815	0.542	13.4	84	7.8	222	06
24/04/24 07:10	0.332	0.938	1.270	0.547	13.6	81	7.5	220	06
24/04/24 07:15	0.332	0.749	1.081	0.468	13.8	80	7.9	221	05
24/04/24 07:20	0.390	0.746	1.136	0.434	14.0	78	8.3	223	05
24/04/24 07:25	0.319	0.769	1.088	0.439	14.1	72	9.0	228	05
24/04/24 07:30	0.755	5.591	6.346	0.403	13.8	76	7.4	238	15
24/04/24 07:35	4.244	14.242	18.487	0.440	13.0	82	5.6	262	11
24/04/24 07:40	2.847	10.586	13.434	0.436	12.4	85	5.4	257	07
24/04/24 07:45	2.118	9.635	11.752	0.418	12.3	85	5.5	256	07
24/04/24 07:50	2.035	10.126	12.162	0.419	12.3	85	5.8	258	08
24/04/24 07:55	2.033	10.778	12.811	0.375	12.1	86	5.5	255	08
24/04/24 08:00	1.963	10.010	11.973	0.418	12.2	85	6.3	249	09
24/04/24 08:05	1.712	8.211	9.923	0.382	12.4	84	5.6	244	10
24/04/24 08:10	1.447	6.236	7.683	0.398	12.5	84	5.2	250	10
24/04/24 08:15	1.436	6.053	7.489	0.518	12.5	85	5.0	256	08
24/04/24 08:20	1.565	6.366	7.932	0.445	12.5	84	5.1	253	06
24/04/24 08:25	1.577	6.741	8.318	0.337	12.5	84	4.9	250	08
24/04/24 08:30	1.395	5.878	7.273	0.249	12.4	84	4.7	252	08
24/04/24 08:35	1.110	4.869	5.979	0.282	12.4	84	4.7	250	07
24/04/24 08:40	1.102	4.827	5.929	0.443	12.4	82	5.4	256	07
24/04/24 08:45	1.220	5.264	6.484	0.442	12.4	82	5.3	254	07
24/04/24 08:50	1.752	6.466	8.218	0.535	12.5	83	4.9	260	06
24/04/24 08:55	2.769	9.605	12.374	0.553	12.7	82	5.0	258	09
24/04/24 09:00	3.695	11.926	15.622	0.554	12.7	81	4.7	259	07
24/04/24 09:05	4.649	12.190	16.839	0.685	12.8	80	4.6	254	07
24/04/24 09:10	5.166	10.594	15.760	0.668	12.9	78	4.1	257	08
24/04/24 09:15	5.233	7.938	13.171	0.582	13.0	78	4.7	253	12
24/04/24 09:20	4.760	3.308	8.069	0.511	13.3	77	4.1	245	11
24/04/24 09:25				0.586	13.4	75	4.3	249	08
24/04/24 09:30	3.195	0.154	3.350	0.661	13.6	75	4.0	238	07
24/04/24 09:35	3.080	1.540	4.619	0.583	13.6	74	4.6	248	09
24/04/24 09:40	2.845	2.013	4.858	0.618	13.8	75	4.4	243	11
24/04/24 09:45	2.675	2.347	5.022	0.665	14.0	73	5.0	242	10
24/04/24 09:50	2.392	2.545	4.937	0.667	14.1	72	5.6	244	09
24/04/24 09:55	2.068	2.457	4.525	0.658	14.1	71	5.3	244	07
24/04/24 10:00	1.834	2.353	4.187	0.720	14.1	72	5.6	240	07
24/04/24 10:05	1.662	2.301	3.963	0.677	14.3	71	6.1	241	09
24/04/24 10:10	1.502	2.116	3.618	0.656	14.4	70	6.3	242	07
24/04/24 10:15	1.264	1.923	3.187	0.636	14.4	69	6.7	238	05
24/04/24 10:20	1.091	1.764	2.855	0.592	14.7	70	6.5	234	10
24/04/24 10:25	0.994	1.670	2.664	0.542	14.7	69	7.4	231	06
24/04/24 10:30	1.090	1.790	2.880	0.651	14.8	68	7.8	237	07
24/04/24 10:35	1.149	1.944	3.093	0.695	14.9	69	8.2	231	08
24/04/24 10:40	1.029	1.851	2.880	0.653	15.1	70	8.9	228	07
24/04/24 10:45	0.892	1.865	2.757	0.592	14.7	72	9.7	231	05
24/04/24 10:50	0.789	1.845	2.633	0.600	14.6	72	9.0	232	04
24/04/24 10:55	0.674	1.773	2.446	0.629	14.6	72	7.7	227	06
24/04/24 11:00	0.591	1.728	2.319	0.614	14.9	71	7.4	228	04
24/04/24 11:05	0.461	1.526	1.987	0.561	14.9	67	7.3	230	04
24/04/24 11:10	0.474	1.417	1.890	0.488	14.9	68	7.4	233	06
24/04/24 11:15	0.672	1.437	2.109	0.452	15.0	68	7.6	232	09
24/04/24 11:20	0.805	1.570	2.375	0.517	15.1	69	7.2	225	07

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/04/24 11:25	0.735	1.539	2.275	0.494	15.2	68	8.7	232	08
24/04/24 11:30	0.548	1.404	1.952	0.504	15.2	68	10.0	231	03
24/04/24 11:35	0.438	1.402	1.840	0.515	15.0	68	9.7	232	06
24/04/24 11:40	0.450	1.310	1.761	0.465	14.9	68	9.0	232	06
24/04/24 11:45	0.664	1.653	2.317	0.453	14.9	68	7.6	227	05
24/04/24 11:50	0.620	1.569	2.189	0.413	14.9	67	7.8	233	05
24/04/24 11:55	0.524	1.314	1.838	0.400	14.8	68	7.0	227	06
24/04/24 12:00	0.452	1.236	1.688	0.359	14.9	67	7.2	229	05
24/04/24 12:05	0.382	1.183	1.565	0.281	15.1	67	7.5	232	04
24/04/24 12:10	0.367	1.001	1.368	0.215	14.9	66	7.2	232	05
24/04/24 12:15	0.364	0.848	1.212	0.391	15.0	67	6.9	225	06
24/04/24 12:20	0.437	0.891	1.328	0.456	15.1	67	6.8	233	07
24/04/24 12:25	0.320	0.914	1.233	0.407	15.2	67	7.4	228	06
24/04/24 12:30	0.240	0.950	1.191	0.337	15.2	67	9.0	231	04
24/04/24 12:35	0.161	0.857	1.018	0.356	14.9	75	10.7	217	09
24/04/24 12:40	0.311	0.696	1.007	0.288	13.7	86	11.2	204	05
24/04/24 12:45	0.354	0.628	0.982	0.333	13.6	85	9.4	208	04
24/04/24 12:50	0.374	0.742	1.116	0.228	13.7	78	7.8	213	05
24/04/24 12:55	0.259	0.742	1.000	0.275	14.1	72	6.7	220	04
24/04/24 13:00	0.219	0.727	0.946	0.181	14.4	71	6.7	221	07
24/04/24 13:05	0.195	0.668	0.863	0.244	14.5	70	6.7	223	06
24/04/24 13:10	0.081	0.740	0.821	0.365	14.8	69	6.9	215	05
24/04/24 13:15	0.506	1.534	2.040	0.297	15.0	67	7.7	222	07
24/04/24 13:20	0.629	0.567	1.196	0.288	15.2	68	7.0	220	06
24/04/24 13:25	0.575	0.487	1.062	0.279	15.5	65	7.2	220	05
24/04/24 13:30	0.516	0.888	1.404	0.370	15.5	62	7.1	220	05
24/04/24 13:35	0.333	0.648	0.981	0.348	15.6	65	7.5	220	05
24/04/24 13:40	0.235	0.732	0.967	0.376	15.7	65	7.1	235	05
24/04/24 13:45	0.230	0.776	1.005	0.421	15.6	65	7.6	232	05
24/04/24 13:50	0.188	0.737	0.926	0.440	15.6	66	7.0	224	05
24/04/24 13:55	0.091	0.777	0.868	0.436	15.7	65	6.8	219	06
24/04/24 14:00	0.117	0.808	0.925	0.392	15.6	63	6.3	213	07
24/04/24 14:05	0.206	0.820	1.026	0.260	15.8	63	6.7	221	08
24/04/24 14:10	0.266	0.737	1.003	0.263	15.7	63	6.3	220	05
24/04/24 14:15	0.498	0.970	1.468	0.308	15.7	62	6.2	214	05
24/04/24 14:20	0.778	1.216	1.994	0.308	15.8	63	6.2	219	06
24/04/24 14:25	0.545	0.750	1.296	0.223	15.7	64	5.9	214	05
24/04/24 14:30	0.505	0.702	1.206	0.322	15.8	64	5.7	219	07
24/04/24 14:35	0.479	0.721	1.200	0.293	15.8	65	5.7	227	05
24/04/24 14:40	0.290	0.682	0.972	0.287	15.8	64	4.9	216	08
24/04/24 14:45	0.178	0.659	0.837	0.286	16.0	64	5.1	214	06
24/04/24 14:50	0.064	0.663	0.727	0.356	16.1	63	5.8	206	05
24/04/24 14:55	0.015	0.714	0.729	0.266	16.2	62	5.4	214	04
24/04/24 15:00	0.130	0.683	0.812	0.290	16.1	62	5.0	206	05
24/04/24 15:05	0.046	0.598	0.644	0.364	16.1	61	5.0	213	08
24/04/24 15:10	0.024	0.611	0.635	0.308	16.1	63	5.7	209	04
24/04/24 15:15	0.062	0.590	0.652	0.229	16.0	63	5.7	219	05
24/04/24 15:20	0.091	0.613	0.704	0.284	16.0	65	6.0	211	07
24/04/24 15:25	0.227	0.552	0.779	0.272	16.0	66	7.5	210	07
24/04/24 15:30	0.249	0.509	0.758	0.315	15.8	64	7.0	203	06
24/04/24 15:35	0.190	0.540	0.730	0.310	15.8	63	5.9	199	06
24/04/24 15:40	0.136	0.665	0.801	0.341	15.9	65	6.2	201	07
24/04/24 15:45	0.185	0.721	0.906	0.273	16.0	61	4.7	194	08
24/04/24 15:50	0.318	1.251	1.569	0.136	15.9	63	6.1	204	06
24/04/24 15:55	0.671	1.988	2.660	0.232	15.8	64	6.3	210	05
24/04/24 16:00	0.613	2.012	2.625	0.294	15.8	63	5.9	206	04
24/04/24 16:05	0.433	1.810	2.242	0.291	15.8	65	6.4	206	05
24/04/24 16:10	0.415	1.401	1.816	0.316	15.8	66	5.9	215	06
24/04/24 16:15	0.393	0.977	1.370	0.305	15.8	66	5.7	215	09
24/04/24 16:20	0.361	0.848	1.210	0.255	15.8	64	5.7	208	06
24/04/24 16:25	0.231	0.781	1.012	0.296	15.9	65	5.5	210	04
24/04/24 16:30	0.240	0.846	1.086	0.246	15.9	65	5.3	209	06
24/04/24 16:35	0.330	1.217	1.547	0.226	15.9	66	5.4	213	05
24/04/24 16:40	0.308	1.186	1.494	0.255	15.9	64	5.5	223	05
24/04/24 16:45	0.296	1.206	1.502	0.373	15.9	65	7.0	225	06
24/04/24 16:50	0.207	1.113	1.320	0.456	16.0	64	6.1	215	06
24/04/24 16:55	0.286	1.102	1.388	0.513	15.9	62	6.1	218	08
24/04/24 17:00	0.207	1.123	1.331	0.496	16.0	64	6.4	211	06
24/04/24 17:05	0.193	1.140	1.333	0.367	16.0	65	7.0	210	06
24/04/24 17:10	0.525	2.068	2.593	0.187	16.0	64	6.9	211	06
24/04/24 17:15	0.742	1.982	2.724	0.137	16.0	64	6.2	218	07
24/04/24 17:20	0.808	1.736	2.544	0.121	15.9	65	6.5	216	05
24/04/24 17:25	0.771	1.324	2.095	0.022	15.9	63	5.7	224	05
24/04/24 17:30	0.628	1.187	1.815	0.079	15.9	61	6.2	229	05
24/04/24 17:35	0.478	1.064	1.542	0.240	16.0	63	6.5	233	05
24/04/24 17:40	0.537	1.136	1.674	0.123	15.9	57	7.4	235	05
24/04/24 17:45	0.482	1.227	1.709	0.108	16.0	58	7.8	235	04
24/04/24 17:50	0.375	1.342	1.717	-0.040	15.9	56	8.4	235	05
24/04/24 17:55	0.321	1.472	1.793	-0.011	15.8	58	8.5	235	05
24/04/24 18:00	0.138	1.686	1.824	-0.030	15.7	57	8.1	239	07
24/04/24 18:05	0.050	2.023	2.072	-0.077	15.7	57	7.9	241	07
24/04/24 18:10	0.326	3.021	3.347	-0.050	15.6	57	7.5	241	07
24/04/24 18:15	0.311	3.466	3.777	0.048	15.5	58	7.3	239	06
24/04/24 18:20	0.315	4.121	4.437	0.069	15.5	59	7.0	243	08
24/04/24 18:25	0.322	4.662	4.984	0.101	15.4	60	5.8	243	09
24/04/24 18:30	0.446	6.424	6.870	0.173	15.3	59	6.0	244	07
24/04/24 18:35	0.552	9.461	10.013	0.305	15.2	60	6.6	248	06
24/04/24 18:40	0.828	9.727	10.555	0.444	15.0	60	6.8	247	10
24/04/24 18:45	0.968	9.157	10.125	0.588	14.9	61	6.7	253	07
24/04/24 18:50	0.879	8.632	9.511	0.457	14.8	61	6.5	253	06
24/04/24 18:55	0.802	7.997	8.799	0.343	14.7	61	6.2	253	06
24/04/24 19:00	0.752	8.100	8.852	0.298	14.5	63	6.1	249	13
24/04/24 19:05	0.714	7.848	8.561	0.324	14.6	65	6.3	252	12
24/04/24 19:10	2.546	13.406	15.952	0.270	14.7	65	5.9	248	07
24/04/24 19:15	4.719	19.828	24.546	0.363	14.7	65	5.3	247	07
24/04/24 19:20	30.885	23.651	54.536	0.602	14.7	65	5.5	249	08
24/04/24 19:25	12.050	21.148	33.197	0.722	14.8	64	5.4	253	09
24/04/24 19:30	7.549	15.541	23.090	0.721	14.7	64	5.8	252	08
24/04/24 19:35	4.218	14.840	19.058	0.788	14.6	63	6.0	252	07
24/04/24 19:40	4.291	14.392	18.682	0.759	14.7	64	5.4	253	08
24/04/24 19:45	3.892	14.111	18.003	0.811	14.7	64	5.3	247	10
24/04/24 19:50	3.423	12.261	15.684	0.900	14.7	65	5.3	248	08
24/04/24 19:55	2.993	7.174	10.168	0.920	14.6	64	6.0	241	06
24/04/24 20:00	2.760	12.502	15.262	0.923	14.6	65	5.4	247	08

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/04/24 20:05	3.120	15.877	18.997	0.956	14.6	66	4.9	250	09
24/04/24 20:10	2.771	10.032	12.804	0.854	14.6	65	4.9	248	09
24/04/24 20:15	2.395	9.278	11.673	0.792	14.5	64	5.4	256	07
24/04/24 20:20	2.097	9.369	11.466	0.866	14.5	64	5.1	252	10
24/04/24 20:25	2.290	14.730	17.021	0.926	14.4	64	4.7	253	09
24/04/24 20:30	2.454	14.665	17.119	0.990	14.4	64	4.5	253	08
24/04/24 20:35	2.194	13.020	15.214	1.036	14.4	65	4.7	256	09
24/04/24 20:40	2.249	13.448	15.697	1.007	14.4	64	5.3	255	11
24/04/24 20:45	2.241	11.674	13.915	0.964	14.4	64	5.9	258	09
24/04/24 20:50	2.102	10.901	13.003	0.969	14.4	65	5.3	250	09
24/04/24 20:55	2.136	13.218	15.354	0.848	14.4	64	5.0	253	10
24/04/24 21:00	2.536	15.289	17.825	0.819	14.2	63	5.4	251	08
24/04/24 21:05	2.910	15.254	18.164	0.833	14.3	66	4.1	260	10
24/04/24 21:10	2.905	14.183	17.087	0.834	14.2	66	5.0	256	08
24/04/24 21:15	2.740	13.173	15.913	0.783	14.1	66	4.8	259	08
24/04/24 21:20	2.582	10.578	13.160	0.847	14.1	67	5.6	261	10
24/04/24 21:25	2.231	10.264	12.495	0.803	14.0	67	5.2	266	08
24/04/24 21:30	1.950	9.340	11.290	0.818	13.9	67	4.5	262	11
24/04/24 21:35	1.547	8.611	10.159	0.757	13.9	68	2.9	275	12
24/04/24 21:40	1.322	8.005	9.326	0.629	13.8	69	2.7	278	15
24/04/24 21:45	0.942	7.424	8.366	0.559	13.7	70	3.2	279	12
24/04/24 21:50	0.696	7.223	7.919	0.429	13.6	70	3.4	275	09
24/04/24 21:55	0.627	7.176	7.804	0.382	13.5	71	3.6	273	12
24/04/24 22:00	0.540	7.253	7.793	0.422	13.6	71	4.6	269	10
24/04/24 22:05	0.376	7.378	7.755	0.432	13.4	72	3.8	276	12
24/04/24 22:10	0.348	7.882	8.230	0.365	13.5	73	4.1	274	11
24/04/24 22:15	0.847	9.725	10.572	0.291	13.3	74	3.6	276	15
24/04/24 22:20	0.894	10.528	11.422	0.323	13.3	73	3.3	283	13
24/04/24 22:25	0.836	10.484	11.321	0.186	13.1	73	2.6	282	15
24/04/24 22:30	0.664	10.427	11.090	0.107	12.9	74	2.5	279	13
24/04/24 22:35	0.487	10.261	10.748	0.149	12.9	75	2.5	284	14
24/04/24 22:40	0.353	10.405	10.757	0.138	12.9	75	2.2	288	13
24/04/24 22:45	0.380	10.651	11.030	0.100	12.9	75	2.3	288	13
24/04/24 22:50	0.429	11.015	11.444	0.221	12.8	75	2.3	290	15
24/04/24 22:55	0.349	11.172	11.522	0.166	12.7	75	2.1	292	15
24/04/24 23:00	0.428	11.416	11.843	0.080	12.7	75	2.6	291	13
24/04/24 23:05	0.874	12.625	13.499	0.128	12.6	74	2.4	301	22
24/04/24 23:10	1.516	15.487	17.002	0.185	12.6	75	2.1	292	15
24/04/24 23:15	2.221	20.754	22.974	0.141	12.5	75	2.7	294	12
24/04/24 23:20	2.644	20.448	23.092	0.100	12.5	75	2.4	303	13
24/04/24 23:25	2.763	20.263	23.027	0.070	12.4	75	2.3	307	12
24/04/24 23:30	2.635	19.681	22.316	0.058	12.2	75	2.3	304	13
24/04/24 23:35	2.335	18.789	21.124	0.126	12.2	76	2.1	307	16
24/04/24 23:40	1.879	17.462	19.341	0.191	12.1	75	2.0	310	13
24/04/24 23:45	1.451	15.303	16.754	0.241	12.0	76	2.1	318	13
24/04/24 23:50	1.228	15.110	16.339		12.1	76	1.9	314	12
24/04/24 23:55	1.197	15.610	16.808		12.0	76	2.2	308	09
25/04/24 00:00	1.132	16.140	17.273	0.244	12.1	77	2.4	310	10
25/04/24 00:05	1.096	16.408	17.504	0.242	12.1	77	2.4	308	11
25/04/24 00:10	1.316	16.883	18.199	0.287	12.0	78	2.1	305	10
25/04/24 00:15	1.375	16.986	18.360	0.262	12.0	78	2.3	306	11
25/04/24 00:20	1.152	16.459	17.611	0.230	12.0	78	2.4	310	12
25/04/24 00:25	0.931	15.746	16.677	0.176	12.0	78	2.3	307	10
25/04/24 00:30	0.849	15.622	16.472	0.203	12.1	77	2.5	314	11
25/04/24 00:35	1.348	16.523	17.871	0.237	12.0	77	2.4	317	10
25/04/24 00:40	1.756	17.192	18.948	0.251	12.1	77	2.5	316	10
25/04/24 00:45	1.817	17.347	19.164	0.361	12.0	77	2.6	314	08
25/04/24 00:50	1.637	17.269	18.906	0.326	12.1	77	2.6	316	11
25/04/24 00:55	1.387	17.068	18.455	0.301	12.0	77	2.3	314	12
25/04/24 01:00	1.348	17.195	18.542	0.174	12.1	77	2.7	314	11
25/04/24 01:05					12.1	77	2.5	311	12
25/04/24 01:10					12.1	77	2.9	312	10
25/04/24 01:15					12.1	77	2.7	312	16
25/04/24 01:20					12.0	78	2.7	315	12
25/04/24 01:25					12.0	78	2.5	313	13
25/04/24 01:30					12.0	78	2.5	309	10
25/04/24 01:35					12.0	79	2.3	309	10
25/04/24 01:40					12.0	79	2.3	306	10
25/04/24 01:45					12.0	79	2.5	310	09
25/04/24 01:50					11.9	79	2.4	313	09
25/04/24 01:55					11.9	79	2.4	307	13
25/04/24 02:00					12.0	79	2.6	307	09
25/04/24 02:05	1.739	16.769	18.508	0.162	12.0	79	2.4	314	13
25/04/24 02:10	1.800	16.701	18.501	0.122	11.9	79	2.4	310	09
25/04/24 02:15	1.857	16.686	18.543	0.159	11.9	79	2.6	303	11
25/04/24 02:20	1.710	16.408	18.117	0.244	11.9	80	2.7	298	12
25/04/24 02:25	1.618	16.085	17.703	0.315	12.0	80	2.8	297	15
25/04/24 02:30	1.537	15.698	17.235	0.302	12.0	80	3.3	291	11
25/04/24 02:35	1.711	15.566	17.276	0.166	12.0	80	2.7	299	11
25/04/24 02:40	1.975	15.710	17.686	0.151	12.0	81	2.7	294	14
25/04/24 02:45	1.823	15.271	17.094	0.122	12.0	80	2.8	295	14
25/04/24 02:50	1.861	15.241	17.102	0.167	11.9	80	2.5	300	10
25/04/24 02:55	1.836	15.693	17.529	0.186	11.9	81	2.6	295	13
25/04/24 03:00	1.901	15.850	17.751	0.312	11.9	82	2.8	292	13
25/04/24 03:05	1.841	15.496	17.337	0.376	12.0	82	2.7	288	13
25/04/24 03:10	1.691	15.087	16.778	0.305	12.0	83	2.7	286	14
25/04/24 03:15	1.598	14.580	16.178	0.255	12.0	83	2.5	285	14
25/04/24 03:20	1.343	13.420	14.762	0.172	12.0	83	2.8	281	11
25/04/24 03:25	1.110	11.830	12.940	0.114	12.0	83	2.5	282	12
25/04/24 03:30	0.982	10.541	11.522	0.120	12.2	84	2.8	281	13
25/04/24 03:35	0.775	8.925	9.700	0.134	12.2	84	3.0	283	13
25/04/24 03:40	0.650	8.335	8.985	0.150	12.3	84	3.8	275	10
25/04/24 03:45	0.526	8.211	8.737	0.124	12.4	84	4.3	268	08
25/04/24 03:50	0.546	8.476	9.022	0.109	12.6	84	4.8	265	08
25/04/24 03:55	0.545	8.775	9.320	0.070	12.7	85	4.6	267	09
25/04/24 04:00	0.544	9.027	9.571	0.061	12.7	85	4.4	267	12
25/04/24 04:05	0.575	9.105	9.680	0.091	12.7	85	3.4	277	11
25/04/24 04:10	0.511	8.515	9.025	0.242	12.7	85	4.4	267	10
25/04/24 04:15	0.423	8.231	8.654	0.266	13.0	84	5.1	268	07
25/04/24 04:20	0.439	8.053	8.492	0.306	12.9	84	4.2	271	11
25/04/24 04:25	2.428	8.294	10.723	0.361	12.9	85	4.4	272	11
25/04/24 04:30	1.221	7.233	8.454	0.299	13.0	85	5.3	268	08
25/04/24 04:35	0.321	4.793	5.114	0.231	13.0	85	4.6	273	09
25/04/24 04:40	0.327	4.229	4.557	0.225	12.9	85	4.9	274	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/04/24 04:45	0.192	4.006	4.198	0.240	12.8	85	4.1	272	10
25/04/24 04:50	0.140	4.032	4.172	0.198	12.8	85	3.0	282	16
25/04/24 04:55	0.175	4.228	4.403	0.126	12.7	86	2.9	286	15
25/04/24 05:00	0.184	4.651	4.835	0.031	12.5	86	2.9	291	14
25/04/24 05:05	0.105	4.925	5.030	-0.074	12.5	87	3.1	280	13
25/04/24 05:10	0.017	5.183	5.200	-0.092	12.4	87	2.8	286	14
25/04/24 05:15	0.006	5.298	5.304	-0.087	12.4	87	3.5	276	12
25/04/24 05:20	0.116	5.466	5.582	-0.061	12.5	87	4.7	271	10
25/04/24 05:25	0.234	5.661	5.895	0.036	12.5	87	3.9	274	12
25/04/24 05:30	0.168	5.675	5.843	0.022	12.6	87	3.3	280	14
25/04/24 05:35	0.211	5.862	6.074	0.047	12.5	88	3.9	274	12
25/04/24 05:40	0.351	6.565	6.916	-0.071	12.6	87	4.0	274	12
25/04/24 05:45	0.399	6.458	6.856	-0.163	12.7	87	4.8	271	07
25/04/24 05:50	0.367	6.434	6.801	-0.123	12.7	87	5.5	269	08
25/04/24 05:55	0.446	6.784	7.229	-0.126	12.7	87	5.3	268	08
25/04/24 06:00	0.553	7.128	7.681	-0.065	12.8	87	5.0	266	09
25/04/24 06:05	0.509	7.571	8.080	0.064	12.8	87	5.5	266	06
25/04/24 06:10	0.607	8.054	8.661	0.055	12.6	87	5.0	266	09
25/04/24 06:15	0.695	8.516	9.211	0.102	12.7	87	5.0	265	10
25/04/24 06:20	0.762	8.924	9.686	0.107	12.7	87	4.4	265	11
25/04/24 06:25	0.808	9.177	9.985	-0.015	12.7	87	4.2	267	09
25/04/24 06:30	0.924	9.424	10.348	0.008	12.7	87	4.1	272	10
25/04/24 06:35	1.247	10.000	11.247	0.007	12.7	87	3.8	273	08
25/04/24 06:40	1.273	10.163	11.436	0.053	12.9	87	4.5	271	07
25/04/24 06:45	1.270	9.889	11.159	0.024	12.6	86	4.8	264	12
25/04/24 06:50	1.187	9.494	10.681	0.014	12.6	87	2.9	282	16
25/04/24 06:55	0.989	8.780	9.769	-0.020	12.6	87	2.6	282	16
25/04/24 07:00	0.796	8.246	9.041	-0.128	12.5	87	2.5	284	15
25/04/24 07:05	0.662	7.830	8.491	-0.169	12.4	87	2.4	288	15
25/04/24 07:10	0.437	7.648	8.086	-0.070	12.3	87	2.6	282	13
25/04/24 07:15	0.434	7.777	8.211	-0.085	12.2	88	2.5	285	13
25/04/24 07:20	0.612	8.160	8.772	-0.138	12.3	88	2.7	281	14
25/04/24 07:25	0.953	8.918	9.871	-0.120	12.3	88	2.5	282	15
25/04/24 07:30	1.467	9.843	11.310	-0.071	12.3	88	2.4	286	16
25/04/24 07:35	1.603	10.150	11.754	-0.054	12.3	88	2.4	288	17
25/04/24 07:40	1.726	10.403	12.129	-0.207	12.2	88	2.6	278	14
25/04/24 07:45	2.177	11.099	13.276	-0.120	12.5	88	3.0	271	11
25/04/24 07:50	3.322	12.273	15.595	0.019	12.6	87	3.4	272	11
25/04/24 07:55	10.910	23.062	33.973	0.129	12.8	87	3.7	268	10
25/04/24 08:00	26.379	17.375	43.754	0.223	12.9	85	4.5	261	09
25/04/24 08:05	19.928	18.935	38.863	0.346	13.0	84	4.0	267	10
25/04/24 08:10	10.072	14.897	24.969	0.309	13.1	84	4.7	269	08
25/04/24 08:15	7.211	13.216	20.427	0.317	13.2	83	5.0	262	10
25/04/24 08:20	6.808	13.358	20.166	0.288	13.2	83	5.8	256	08
25/04/24 08:25	7.289	13.125	20.414	0.186	13.3	83	5.9	258	08
25/04/24 08:30	7.260	12.525	19.785	0.282	13.3	82	5.8	250	08
25/04/24 08:35	6.790	11.372	18.162	0.402	13.3	81	6.2	254	07
25/04/24 08:40	6.832	11.668	18.500	0.447	13.4	80	6.0	254	09
25/04/24 08:45	6.908	11.497	18.405	0.421	13.6	79	5.8	252	11
25/04/24 08:50	6.278	9.982	16.259	0.486	13.7	77	6.4	253	09
25/04/24 08:55	5.873	9.167	15.040	0.497	13.7	76	6.1	254	09
25/04/24 09:00	5.498	8.944	14.442	0.472	13.9	77	5.9	253	07
25/04/24 09:05	5.446	10.848	16.294	0.398	13.9	75	6.4	253	07
25/04/24 09:10	5.403	10.819	16.222	0.438	14.1	74	6.1	251	10
25/04/24 09:15	4.800	5.782	10.582	0.449	14.2	73	6.1	252	06
25/04/24 09:20	4.513	5.755	10.267	0.488	14.2	72	6.6	247	10
25/04/24 09:25	4.302	6.294	10.595	0.586	14.3	71	6.9	248	09
25/04/24 09:30	3.756	5.615	9.371	0.654	14.5	72	6.9	246	06
25/04/24 09:35	2.960	2.510	5.470	0.633	14.6	73	7.8	241	08
25/04/24 09:40	2.499	2.386	4.885	0.524	14.5	75	7.3	239	08
25/04/24 09:45	2.077	1.572	3.649	0.558	14.6	75	8.4	235	06
25/04/24 09:50	1.735	1.399	3.134	0.475	14.5	75	8.0	239	08
25/04/24 09:55	1.425	1.370	2.796	0.249	14.5	76	7.8	228	06
25/04/24 10:00	1.186	1.423	2.609	0.201	14.6	75	7.9	238	05
25/04/24 10:05	0.983	1.397	2.380	0.184	14.7	73	7.6	243	06
25/04/24 10:10	0.960	1.480	2.440	0.310	14.7	73	6.8	238	08
25/04/24 10:15	1.026	1.745	2.770	0.290	14.6	73	5.7	241	08
25/04/24 10:20	1.194	2.451	3.644	0.311	14.8	73	5.8	240	10
25/04/24 10:25	1.235	2.716	3.951	0.367	14.8	71	6.5	242	08
25/04/24 10:30	1.009	2.110	3.119	0.390	14.8	69	6.8	237	07
25/04/24 10:35	0.889	1.785	2.674	0.394	14.9	71	6.7	231	07
25/04/24 10:40	0.785	1.481	2.266	0.413	14.9	72	6.7	224	05
25/04/24 10:45	0.634	1.386	2.021	0.401	15.0	72	6.8	232	06
25/04/24 10:50	0.562	1.357	1.919	0.487	15.1	71	7.3	228	08
25/04/24 10:55	0.587	1.340	1.927	0.503	15.2	68	8.2	232	04
25/04/24 11:00	0.576	1.243	1.819	0.502	15.2	67	8.2	233	05
25/04/24 11:05	0.581	1.150	1.730	0.450	15.4	70	7.8	233	06
25/04/24 11:10	0.604	1.056	1.660	0.306	15.3	69	8.3	229	05
25/04/24 11:15	0.438	1.050	1.489	0.377	15.3	69	7.6	227	04
25/04/24 11:20	0.417	1.171	1.589	0.355	15.3	70	8.0	232	06
25/04/24 11:25	0.338	1.122	1.461	0.247	15.3	69	8.3	229	05
25/04/24 11:30	0.292	1.076	1.368	0.271	15.3	70	7.5	233	08
25/04/24 11:35	0.279	1.015	1.294	0.242	15.3	69	7.0	237	05
25/04/24 11:40	0.091	0.969	1.061	0.196	15.4	70	7.1	231	04
25/04/24 11:45	0.123	0.968	1.091	0.163	15.4	69	7.5	228	05
25/04/24 11:50	0.237	0.833	1.070	0.215	15.3	69	7.2	232	06
25/04/24 11:55	0.268	0.730	0.998	0.247	15.4	67	8.3	230	05
25/04/24 12:00	0.200	0.719	0.918	0.194	15.5	66	7.8	226	06
25/04/24 12:05	0.068	0.720	0.788	0.222	15.5	66	6.7	226	06
25/04/24 12:10	0.043	0.760	0.802	0.187	15.5	67	6.3	229	05
25/04/24 12:15	0.169	0.858	1.027	0.235	15.6	66	5.9	237	08
25/04/24 12:20	0.163	0.937	1.101	0.318	15.6	66	5.8	231	09
25/04/24 12:25	-0.029	0.973	0.943	0.320	15.7	67	6.5	228	07
25/04/24 12:30	0.031	1.100	1.131	0.373	15.8	67	6.4	226	09
25/04/24 12:35	0.048	1.176	1.224	0.438	15.8	67	6.7	228	05
25/04/24 12:40	0.094	1.204	1.298	0.438	15.7	65	6.5	223	06
25/04/24 12:45	0.133	1.067	1.200	0.457	15.8	66	6.4	229	06
25/04/24 12:50	0.145	1.002	1.148	0.472	15.8	67	7.1	228	05
25/04/24 12:55	0.125	0.864	0.989	0.394	15.8	68	7.4	223	05
25/04/24 13:00	0.117	0.782	0.899	0.279	15.4	74	8.5	217	05
25/04/24 13:05	0.061	0.722	0.783	0.162	15.0	79	10.0	215	04
25/04/24 13:10	0.100	0.632	0.732	0.175	14.7	78	9.0	214	06
25/04/24 13:15	0.081	0.700	0.782	0.151	14.8	79	9.8	208	04
25/04/24 13:20	0.071	0.601	0.672	0.268	14.6	76	6.5	212	06

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/04/24 13:25	0.123	0.617	0.739	0.220	14.7	74	4.1	198	06
25/04/24 13:30	0.052	0.736	0.788	0.210	15.0	70	4.4	205	10
25/04/24 13:35	0.087	0.950	1.038	0.210	15.2	70	4.3	219	05
25/04/24 13:40	0.023	0.850	0.872	0.266	15.3	69	3.9	219	09
25/04/24 13:45	0.075	0.715	0.790	0.211	15.4	69	4.4	229	07
25/04/24 13:50	0.055	0.668	0.723	0.155	15.5	69	4.3	223	11
25/04/24 13:55	0.146	0.634	0.780	0.233	15.6	70	5.1	230	06
25/04/24 14:00	0.224	0.575	0.799	0.159	15.8	69	4.9	235	12
25/04/24 14:05	0.217	0.716	0.933	0.186	15.7	67	5.3	238	07
25/04/24 14:10	0.223	0.828	1.051	0.177	15.8	67	6.3	232	09
25/04/24 14:15	0.192	0.832	1.024	0.193	15.9	69	6.7	228	05
25/04/24 14:20	0.013	0.777	0.790	0.133	16.0	69	7.2	230	05
25/04/24 14:25	0.034	0.707	0.741	0.043	16.0	66	7.4	217	08
25/04/24 14:30	0.057	0.633	0.690	0.000	16.0	66	7.2	214	05
25/04/24 14:35	0.197	0.834	1.031	0.014	16.0	66	5.9	206	04
25/04/24 14:40	0.262	0.944	1.206	0.032	16.1	65	5.6	209	07
25/04/24 14:45	0.185	0.773	0.958	-0.015	16.1	64	6.4	202	06
25/04/24 14:50	0.106	0.741	0.847	-0.082	16.1	65	6.7	203	05
25/04/24 14:55	0.099	0.663	0.762	-0.047	16.1	67	6.6	211	05
25/04/24 15:00	0.160	0.619	0.779	0.026	16.1	68	6.5	211	04
25/04/24 15:05	0.159	0.538	0.697	0.075	16.1	71	6.4	211	04
25/04/24 15:10	0.058	0.551	0.609	0.039	16.1	70	6.4	204	07
25/04/24 15:15	0.094	0.542	0.636	0.031	16.1	70	7.2	207	04
25/04/24 15:20	0.065	0.587	0.652	0.059	16.0	69	5.7	197	10
25/04/24 15:25	0.145	0.595	0.739	0.056	16.0	68	6.0	200	05
25/04/24 15:30	0.218	0.575	0.793	0.061	16.0	66	5.1	198	08
25/04/24 15:35	0.272	0.542	0.815	0.132	16.1	68	6.4	204	04
25/04/24 15:40	0.237	0.620	0.857	0.119	16.2	66	5.6	198	06
25/04/24 15:45	0.161	0.618	0.779	0.054	16.2	66	6.0	209	04
25/04/24 15:50	0.177	0.567	0.744	-0.003	16.2	67	6.1	204	04
25/04/24 15:55	0.202	0.597	0.799	0.029	16.3	70	5.3	207	06
25/04/24 16:00	0.117	0.686	0.803	-0.019	16.2	70	6.7	206	05
25/04/24 16:05	0.206	0.704	0.910	-0.042	16.2	71	6.2	203	08
25/04/24 16:10	0.259	0.649	0.908	-0.034	16.2	70	6.6	207	05
25/04/24 16:15	0.225	0.628	0.853	-0.108	16.1	67	6.4	205	04
25/04/24 16:20	0.166	0.570	0.737	-0.091	16.2	69	5.3	209	05
25/04/24 16:25	0.086	0.583	0.668	-0.071	16.1	68	5.5	212	05
25/04/24 16:30	0.039	0.585	0.625	-0.173	16.2	67	6.3	206	05
25/04/24 16:35	0.048	0.644	0.693	-0.130	16.3	62	6.3	199	07
25/04/24 16:40	0.005	0.594	0.599	-0.114	16.2	62	5.3	194	09
25/04/24 16:45	0.012	0.613	0.625	-0.045	16.0	66	5.5	196	09
25/04/24 16:50	0.005	0.612	0.618	-0.012	15.9	67	5.6	190	08
25/04/24 16:55	-0.081	0.596	0.516	-0.038	15.8	70	5.8	196	08
25/04/24 17:00	-0.039	0.611	0.572	-0.005	15.8	72	6.0	197	08
25/04/24 17:05	0.076	0.863	0.940	0.006	15.8	72	5.3	196	07
25/04/24 17:10	0.320	1.451	1.771	0.024	15.7	69	5.7	194	08
25/04/24 17:15	0.279	1.068	1.347	0.046	15.7	68	5.7	195	09
25/04/24 17:20	0.153	0.963	1.116	0.112	15.9	72	6.3	200	07
25/04/24 17:25	0.160	0.867	1.027	0.063	15.9	72	5.9	200	07
25/04/24 17:30	0.087	0.779	0.866	-0.011	15.9	72	6.1	200	07
25/04/24 17:35	0.024	0.826	0.850	0.038	15.8	73	6.7	202	05
25/04/24 17:40	0.065	0.817	0.882	0.039	15.9	75	6.7	204	05
25/04/24 17:45	0.104	0.784	0.888	0.026	15.7	74	5.0	195	08
25/04/24 17:50	0.063	0.869	0.933	0.030	15.8	71	6.9	204	05
25/04/24 17:55	0.083	1.029	1.111	-0.112	15.9	71	6.7	208	05
25/04/24 18:00	0.061	1.011	1.072	-0.117	15.9	71	6.7	207	06
25/04/24 18:05	0.080	0.849	0.929	-0.163	16.0	72	6.8	203	05
25/04/24 18:10	0.130	0.749	0.880	-0.220	15.9	72	7.2	210	07
25/04/24 18:15	0.106	0.675	0.781	-0.205	15.8	73	7.0	212	04
25/04/24 18:20	0.080	0.597	0.676	-0.036	15.9	74	6.8	209	05
25/04/24 18:25	0.071	0.493	0.563	0.032	15.8	74	7.0	209	06
25/04/24 18:30	0.159	0.441	0.600	-0.049	15.8	75	6.9	212	04
25/04/24 18:35	0.137	0.535	0.671	-0.042	15.8	75	7.2	212	05
25/04/24 18:40	0.074	0.569	0.643	-0.054	15.9	76	7.0	216	04
25/04/24 18:45	-0.006	0.594	0.588	-0.108	15.8	76	6.7	216	03
25/04/24 18:50	0.076	0.499	0.575	-0.075	15.7	75	6.5	216	04
25/04/24 18:55	0.170	0.438	0.608	-0.042	15.7	73	7.3	211	05
25/04/24 19:00	0.135	0.465	0.601	-0.116	15.8	74	6.4	210	06
25/04/24 19:05	0.188	0.521	0.708	-0.167	15.8	74	6.3	213	06
25/04/24 19:10	0.153	0.560	0.714	-0.205	15.7	73	6.3	217	05
25/04/24 19:15	0.094	0.564	0.658	-0.187	15.8	72	6.6	217	04
25/04/24 19:20	0.062	0.987	1.049	-0.177	15.7	72	6.6	218	06
25/04/24 19:25	0.004	1.210	1.214	-0.187	15.8	72	6.6	221	06
25/04/24 19:30	-0.042	1.024	0.983	-0.270	15.8	72	6.8	222	04
25/04/24 19:35	-0.042	1.266	1.224	-0.312	15.7	69	6.0	221	05
25/04/24 19:40	0.036	1.307	1.343	-0.373	15.7	70	5.2	216	04
25/04/24 19:45	-0.008	1.124	1.116	-0.429	15.8	67	6.7	225	06
25/04/24 19:50	-0.071	1.040	0.969	-0.287	15.9	68	7.2	224	05
25/04/24 19:55	-0.065	1.022	0.957	-0.279	15.7	68	6.3	235	06
25/04/24 20:00	-0.021	1.005	0.984	-0.412	15.6	67	6.1	234	04
25/04/24 20:05	-0.058	1.011	0.952	-0.330	15.6	67	6.1	234	05
25/04/24 20:10	-0.034	1.016	0.982	-0.308	15.5	68	6.2	236	07
25/04/24 20:15	0.400	4.684	5.084	-0.292	15.5	68	5.6	236	05
25/04/24 20:20	0.641	5.194	5.835	-0.230	15.3	67	5.6	245	05
25/04/24 20:25	0.661	5.430	6.091	-0.170	15.2	68	4.8	243	07
25/04/24 20:30	0.717	6.547	7.264	-0.119	15.1	69	5.1	241	09
25/04/24 20:35	0.898	8.045	8.943	-0.126	15.1	69	5.1	242	07
25/04/24 20:40	0.919	6.907	7.826	-0.077	15.1	69	4.7	244	07
25/04/24 20:45	1.279	13.909	15.188	-0.017	15.1	69	4.5	245	07
25/04/24 20:50	1.865	17.710	19.574	-0.016	15.0	69	4.5	248	07
25/04/24 20:55	2.089	10.324	12.413	0.029	14.9	69	4.7	243	07
25/04/24 21:00	1.566	4.144	5.710	0.134	15.0	70	4.8	240	07
25/04/24 21:05	1.029	3.512	4.541	0.140	15.1	70	4.8	242	08
25/04/24 21:10	0.711	3.483	4.194	0.052	15.1	70	5.3	239	08
25/04/24 21:15	0.633	4.119	4.752	0.096	15.0	70	5.5	245	08
25/04/24 21:20	0.686	4.303	4.990	0.129	15.0	69	6.1	246	07
25/04/24 21:25	0.875	5.112	5.987	0.202	15.0	69	5.1	246	08
25/04/24 21:30	1.289	8.993	10.282	0.230	14.8	69	5.0	249	09
25/04/24 21:35	1.556	12.195	13.750	0.164	14.7	70	5.0	253	07
25/04/24 21:40	1.934	13.872	15.806	0.157	14.6	70	4.8	249	08
25/04/24 21:45	2.549	14.301	16.850	0.169	14.6	71	5.2	250	09
25/04/24 21:50	2.899	13.903	16.802	0.149	14.5	71	5.1	248	08
25/04/24 21:55	3.190	10.788	13.979	0.161	14.4	71	5.9	244	07
25/04/24 22:00	2.496	3.344	5.840	0.294	14.4	71	6.4	242	06

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/04/24 22:05	2.286	5.813	8.099	0.257	14.4	72	5.4	242	08
25/04/24 22:10	1.877	4.330	6.206	0.319	14.4	73	5.5	240	07
25/04/24 22:15	1.468	4.142	5.610	0.330	14.4	73	5.7	244	07
25/04/24 22:20	1.554	7.355	8.909	0.377	14.3	73	5.3	244	06
25/04/24 22:25	1.495	7.708	9.204	0.384	14.3	74	5.1	243	08
25/04/24 22:30	1.427	9.361	10.788	0.380	14.3	74	4.9	253	10
25/04/24 22:35	1.743	10.887	12.631	0.457	14.2	74	4.8	251	09
25/04/24 22:40	2.135	11.431	13.566	0.610	14.1	75	4.9	245	08
25/04/24 22:45	2.069	11.878	13.947	0.491	14.0	75	4.8	256	09
25/04/24 22:50	1.896	10.805	12.701	0.407	14.0	76	5.1	246	09
25/04/24 22:55	2.577	16.210	18.787	0.533	14.1	74	5.3	250	08
25/04/24 23:00	2.635	8.416	11.051	0.639	14.1	74	6.1	257	07
25/04/24 23:05	2.365	8.611	10.976	0.586	13.9	75	5.5	256	08
25/04/24 23:10	1.987	8.699	10.685	0.477	14.0	75	6.0	257	06
25/04/24 23:15	1.741	8.850	10.592	0.532	14.0	75	5.5	253	08
25/04/24 23:20	2.065	11.005	13.070	0.769	14.0	74	5.3	248	06
25/04/24 23:25	2.449	13.442	15.891	0.817	14.0	74	5.0	244	09
25/04/24 23:30	2.634	12.799	15.433	0.962	13.9	75	4.9	251	08
25/04/24 23:35	2.470	11.313	13.783	1.026	13.9	74	4.7	252	09
25/04/24 23:40	2.418	14.169	16.588	0.925	13.8	75	3.9	255	09
25/04/24 23:45	2.369	13.624	15.993	0.813	13.8	74	4.6	249	08
25/04/24 23:50	2.349	12.356	14.705		13.7	75	4.4	248	10
25/04/24 23:55	2.188	11.506	13.694		13.7	75	4.2	252	12
26/04/24 00:00	1.852	11.197	13.049	0.871	13.7	76	4.2	254	08
26/04/24 00:05	1.572	10.816	12.389	0.948	13.6	75	4.4	254	11
26/04/24 00:10	1.576	10.533	12.109	0.887	13.6	75	4.2	248	10
26/04/24 00:15	1.895	11.695	13.589	0.845	13.6	76	4.6	245	11
26/04/24 00:20	2.022	10.283	12.305	0.749	13.6	78	4.2	238	09
26/04/24 00:25	1.825	5.257	7.082	0.706	13.6	77	4.8	245	10
26/04/24 00:30	1.580	5.359	6.939	0.649	13.6	77	5.0	248	12
26/04/24 00:35	1.474	6.723	8.198	0.617	13.6	76	5.4	247	07
26/04/24 00:40	1.194	4.931	6.125	0.737	13.7	76	6.4	243	05
26/04/24 00:45	1.148	6.039	7.187	0.768	13.7	77	5.6	245	10
26/04/24 00:50	1.197	6.366	7.563	0.746	13.7	77	6.4	238	07
26/04/24 00:55	0.971	2.686	3.657	0.702	13.7	77	6.3	238	05
26/04/24 01:00	0.751	2.824	3.575	0.679	13.7	77	5.4	243	08
26/04/24 01:05					13.7	76	5.5	240	08
26/04/24 01:10					13.6	76	5.7	243	06
26/04/24 01:15					13.7	77	4.9	242	08
26/04/24 01:20					13.8	76	5.1	252	10
26/04/24 01:25					13.6	76	5.1	239	08
26/04/24 01:30					13.7	77	5.6	245	07
26/04/24 01:35					13.8	76	6.2	238	07
26/04/24 01:40					13.8	75	6.0	241	07
26/04/24 01:45					13.7	75	5.7	242	08
26/04/24 01:50					13.6	74	5.6	244	08
26/04/24 01:55					13.6	75	4.5	245	10
26/04/24 02:00					13.7	73	5.0	245	08
26/04/24 02:05	2.669	12.616	15.285	0.781	13.8	73	5.1	242	06
26/04/24 02:10	2.419	7.283	9.702	0.657	13.7	73	4.9	246	09
26/04/24 02:15	1.995	5.213	7.207	0.549	13.8	73	5.4	240	06
26/04/24 02:20	1.485	3.844	5.329	0.525	13.9	74	5.6	240	06
26/04/24 02:25	1.084	3.243	4.327	0.606	13.9	72	5.9	240	08
26/04/24 02:30	0.827	3.522	4.349	0.606	13.9	72	4.5	243	07
26/04/24 02:35	0.813	5.017	5.829	0.635	13.9	72	4.6	238	06
26/04/24 02:40	0.851	6.703	7.553	0.588	13.8	71	5.2	242	08
26/04/24 02:45	1.045	10.490	11.535	0.645	13.8	72	3.8	244	11
26/04/24 02:50	1.283	11.923	13.206	0.663	13.8	72	4.1	242	09
26/04/24 02:55	1.371	10.871	12.242	0.757	13.8	72	3.6	248	10
26/04/24 03:00	2.070	12.821	14.891	0.907	13.8	71	4.7	247	11
26/04/24 03:05	2.319	14.569	16.888	0.968	13.8	72	4.6	246	09
26/04/24 03:10	2.281	9.181	11.462	1.090	13.8	72	4.6	240	09
26/04/24 03:15	1.717	4.153	5.871	1.124	13.7	72	4.8	246	08
26/04/24 03:20	1.335	4.659	5.994	1.131	13.8	72	5.4	242	07
26/04/24 03:25	1.244	8.413	9.657	1.112	13.8	72	4.3	245	11
26/04/24 03:30	1.383	9.744	11.127	1.166	13.8	72	4.8	245	09
26/04/24 03:35	1.142	5.754	6.896	1.166	13.8	72	4.9	242	07
26/04/24 03:40	1.027	5.983	7.010	1.127	13.9	72	5.3	244	09
26/04/24 03:45	0.889	5.450	6.340	1.053	13.9	72	6.3	239	08
26/04/24 03:50	0.942	6.122	7.064	1.136	14.0	72	6.0	239	09
26/04/24 03:55	1.009	7.977	8.986	1.032	13.9	72	6.4	243	09
26/04/24 04:00	1.167	8.165	9.332	1.046	13.9	72	6.7	243	06
26/04/24 04:05	1.316	7.935	9.252	1.144	13.9	73	6.6	243	06
26/04/24 04:10	1.099	6.262	7.361	1.085	14.0	73	7.2	246	07
26/04/24 04:15	1.103	6.738	7.841	1.054	14.0	74	6.0	247	09
26/04/24 04:20	1.581	10.310	11.892	1.127	14.0	72	6.4	244	08
26/04/24 04:25	1.713	8.531	10.244	1.092	13.9	73	6.6	244	07
26/04/24 04:30	1.485	6.371	7.855	0.995	13.8	73	7.3	244	06
26/04/24 04:35	1.413	6.049	7.462	1.033	13.8	73	7.4	242	07
26/04/24 04:40	1.237	3.346	4.583	0.987	13.9	73	7.8	243	08
26/04/24 04:45	1.209	5.448	6.657	0.915	13.9	73	7.2	247	06
26/04/24 04:50	1.704	11.952	13.656	0.982	13.9	73	7.3	244	07
26/04/24 04:55	1.632	7.600	9.233	0.941	13.7	73	7.7	241	06
26/04/24 05:00	1.306	4.731	6.037	0.913	13.6	73	6.5	244	06
26/04/24 05:05	1.382	7.315	8.698	0.867	13.6	74	6.2	240	08
26/04/24 05:10	1.432	6.372	7.804	0.865	13.6	74	5.9	243	09
26/04/24 05:15	1.827	9.466	11.293	0.963	13.6	73	6.0	241	07
26/04/24 05:20	2.020	11.426	13.446	0.962	13.6	73	6.3	244	08
26/04/24 05:25	2.655	14.709	17.365	1.091	13.6	72	5.9	246	07
26/04/24 05:30	3.123	15.552	18.675	1.149	13.7	70	6.2	242	06
26/04/24 05:35	3.136	13.123	16.259	1.269	13.7	70	5.6	245	08
26/04/24 05:40	3.136	12.145	15.281	1.394	13.8	70	6.0	242	07
26/04/24 05:45	2.991	11.614	14.605	1.462	13.7	69	6.2	243	06
26/04/24 05:50	3.078	13.639	16.718	1.554	13.6	70	5.5	243	07
26/04/24 05:55	3.289	14.311	17.600	1.522	13.7	70	5.2	244	08
26/04/24 06:00	3.651	12.960	16.612	1.508	13.7	70	5.7	246	08
26/04/24 06:05	3.685	13.242	16.926	1.560	13.7	70	5.4	242	08
26/04/24 06:10	8.542	24.267	32.809	1.599	13.7	71	5.5	245	07
26/04/24 06:15	4.780	14.972	19.752	1.588	13.7	72	5.5	246	07
26/04/24 06:20	4.429	12.226	16.655	1.575	13.7	73	5.0	247	09
26/04/24 06:25	4.312	13.167	17.479	1.502	13.6	73	5.2	243	09
26/04/24 06:30	3.792	10.673	14.466	1.455	13.7	73	5.6	250	08
26/04/24 06:35	3.366	12.115	15.481	1.517	13.6	72	5.8	244	05
26/04/24 06:40	3.227	14.035	17.262	1.576	13.7	72	4.9	246	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/04/24 06:45	3.339	13.783	17.122	1.782	13.6	71	5.2	248	09
26/04/24 06:50	3.082	11.921	15.003	1.769	13.6	71	5.0	254	09
26/04/24 06:55	2.845	11.460	14.305	1.688	13.6	70	5.4	247	08
26/04/24 07:00	2.997	12.620	15.616	1.639	13.7	72	5.0	250	07
26/04/24 07:05	3.229	13.603	16.832	1.648	13.7	72	4.9	253	08
26/04/24 07:10	3.286	16.947	20.233	1.391	13.6	73	4.6	247	09
26/04/24 07:15	3.843	18.740	22.583	1.372	13.6	72	5.1	246	07
26/04/24 07:20	3.692	14.614	18.307	1.440	13.6	72	4.5	241	07
26/04/24 07:25	3.433	11.870	15.303	1.485	13.6	71	5.0	241	06
26/04/24 07:30	3.365	12.289	15.654	1.567	13.6	71	5.1	248	09
26/04/24 07:35	3.193	11.116	14.309	1.482	13.5	71	4.9	243	07
26/04/24 07:40	3.363	12.647	16.010	1.403	13.5	72	4.4	242	09
26/04/24 07:45	3.034	7.461	10.495	1.293	13.6	71	4.5	242	06
26/04/24 07:50	2.729	8.296	11.026	1.362	13.6	72	4.3	246	08
26/04/24 07:55	2.842	11.057	13.899	1.323	13.6	72	3.9	244	09
26/04/24 08:00	2.992	13.564	16.556	1.293	13.6	73	3.8	250	07
26/04/24 08:05	3.644	17.309	20.953	1.290	13.6	72	3.6	252	08
26/04/24 08:10	4.213	17.048	21.260	1.415	13.7	72	3.8	251	08
26/04/24 08:15	5.049	17.037	22.086	1.546	13.8	71	4.0	252	08
26/04/24 08:20	5.678	17.161	22.839	1.542	13.8	70	4.0	249	12
26/04/24 08:25	6.881	17.394	24.275	1.666	14.0	68	4.4	252	10
26/04/24 08:30	5.756	13.463	19.219	1.723	14.0	69	4.5	248	13
26/04/24 08:35	4.304	9.599	13.903	1.749	14.0	67	5.5	244	09
26/04/24 08:40	2.480	7.542	10.022	1.735	14.0	67	6.4	243	08
26/04/24 08:45	1.063	4.677	5.740	1.537	14.2	69	6.4	242	06
26/04/24 08:50	0.606	4.352	4.957	1.350	14.1	70	6.2	239	06
26/04/24 08:55	0.639	4.424	5.063	1.260	14.1	71	7.2	239	05
26/04/24 09:00	0.597	3.903	4.500	1.211	14.3	73	6.1	237	07
26/04/24 09:05	0.505	3.589	4.094	1.122	14.4	71	7.0	234	05
26/04/24 09:10	0.611	3.284	3.895	1.064	14.3	71	6.1	237	06
26/04/24 09:15	0.600	3.291	3.892	1.016	14.4	71	5.8	239	08
26/04/24 09:20	0.595	3.167	3.762	0.976	14.5	70	6.2	240	05
26/04/24 09:25	0.568	3.065	3.634	0.925	14.4	69	6.8	235	05
26/04/24 09:30	0.597	2.946	3.543	0.897	14.4	69	6.9	238	05
26/04/24 09:35	0.614	2.836	3.450	0.944	14.5	69	7.2	231	04
26/04/24 09:40	0.691	2.696	3.386	0.938	14.6	70	7.1	230	04
26/04/24 09:45	0.725	2.588	3.313	0.890	14.5	70	7.2	232	06
26/04/24 09:50	0.799	2.434	3.233	0.844	14.4	70	7.2	231	05
26/04/24 09:55	0.751	2.468	3.219	0.783	14.5	69	7.1	233	05
26/04/24 10:00	0.887	2.867	3.754	0.716	14.6	69	6.4	232	05
26/04/24 10:05	1.030	3.080	4.110	0.792	14.5	69	6.5	235	05
26/04/24 10:10	0.998	2.956	3.954	0.689	14.4	69	6.0	235	05
26/04/24 10:15	0.843	2.906	3.749	0.755	14.5	69	6.0	235	05
26/04/24 10:20	0.864	2.870	3.735	0.793	14.6	70	6.1	229	05
26/04/24 10:25	0.794	2.832	3.626	0.757	14.6	71	6.3	226	06
26/04/24 10:30	0.715	2.814	3.529	0.703	14.7	69	5.7	232	05
26/04/24 10:35	1.432	3.628	5.060	0.842	14.7	69	6.0	236	04
26/04/24 10:40	1.168	2.432	3.600	0.803	14.7	69	6.0	235	07
26/04/24 10:45	0.904	1.919	2.823	0.747	14.8	68	6.8	234	07
26/04/24 10:50	0.807	1.916	2.723	0.777	14.7	68	6.4	235	08
26/04/24 10:55	0.644	2.039	2.683	0.748	14.7	69	7.0	232	04
26/04/24 11:00	0.608	2.121	2.729	0.669	14.8	69	6.5	238	06
26/04/24 11:05	0.631	2.297	2.928	0.553	14.7	69	6.4	235	07
26/04/24 11:10	0.640	2.361	3.000	0.570	14.8	71	6.3	240	09
26/04/24 11:15	0.620	2.445	3.065	0.646	14.8	70	6.1	233	06
26/04/24 11:20	0.692	2.555	3.248	0.647	14.9	72	6.3	229	06
26/04/24 11:25	0.576	2.490	3.065	0.649	15.0	71	7.4	227	04
26/04/24 11:30	0.462	2.396	2.858	0.596	15.0	73	7.1	231	04
26/04/24 11:35	0.426	2.338	2.765	0.504	14.9	72	6.9	229	04
26/04/24 11:40	0.414	2.244	2.658	0.531	15.0	72	7.1	229	05
26/04/24 11:45	0.474	2.230	2.704	0.482	15.0	71	7.3	224	04
26/04/24 11:50	0.537	2.194	2.731	0.453	15.0	71	6.6	233	07
26/04/24 11:55	0.591	2.180	2.771	0.496	15.0	70	7.1	226	05
26/04/24 12:00	0.678	2.054	2.732	0.457	15.0	69	6.9	236	06
26/04/24 12:05	0.611	1.981	2.592	0.505	15.0	68	6.4	235	07
26/04/24 12:10	0.583	1.947	2.530	0.624	15.2	69	6.0	230	09
26/04/24 12:15	0.513	1.762	2.275	0.770	15.2	70	6.6	224	06
26/04/24 12:20	0.423	1.644	2.067	0.698	15.1	70	7.3	226	04
26/04/24 12:25	0.360	1.537	1.897	0.573	15.1	70	7.5	225	03
26/04/24 12:30	0.209	1.410	1.619	0.553	15.1	71	7.4	230	04
26/04/24 12:35	0.175	1.284	1.459	0.488	15.0	69	7.4	235	05
26/04/24 12:40	0.183	1.175	1.358	0.434	15.0	70	6.9	234	06
26/04/24 12:45	0.212	1.175	1.387	0.430	15.1	70	7.1	230	08
26/04/24 12:50	0.165	1.228	1.393	0.315	15.0	70	7.1	230	05
26/04/24 12:55	0.112	1.280	1.392	0.378	15.2	72	7.7	226	04
26/04/24 13:00	0.151	1.316	1.467	0.349	15.1	70	8.0	226	05
26/04/24 13:05	0.241	1.216	1.457	0.323	15.1	70	8.1	227	03
26/04/24 13:10	0.150	1.121	1.270	0.278	15.1	72	7.8	226	04
26/04/24 13:15	0.132	1.067	1.198	0.290	15.2	73	7.3	219	05
26/04/24 13:20	0.148	1.021	1.170	0.271	15.2	73	7.0	225	05
26/04/24 13:25	0.123	0.963	1.086	0.372	15.1	71	6.7	229	04
26/04/24 13:30	0.153	0.913	1.065	0.398	15.3	70	5.6	216	04
26/04/24 13:35	0.116	0.830	0.947	0.431	15.4	69	5.7	216	07
26/04/24 13:40	0.048	0.803	0.851	0.415	15.4	66	6.1	219	03
26/04/24 13:45	-0.002	0.763	0.761	0.399	15.4	69	6.1	221	06
26/04/24 13:50	-0.055	0.703	0.649	0.330	15.4	68	6.0	222	05
26/04/24 13:55	-0.124	0.666	0.542	0.391	15.2	67	5.1	224	05
26/04/24 14:00	-0.087	0.612	0.524	0.450	15.3	65	4.5	218	03
26/04/24 14:05	-0.059	0.555	0.497	0.536	15.4	63	3.9	224	05
26/04/24 14:10	-0.087	0.600	0.513	0.420	15.3	62	3.5	226	05
26/04/24 14:15	-0.075	0.623	0.548	0.319	15.4	62	3.7	223	04
26/04/24 14:20	0.004	0.539	0.543	0.168	15.5	62	3.8	213	07
26/04/24 14:25	0.098	0.452	0.550	0.046	15.4	66	5.0	214	03
26/04/24 14:30	0.190	0.563	0.753	0.052	15.4	65	4.2	210	07
26/04/24 14:35	0.206	0.584	0.790	0.094	15.4	65	3.8	204	07
26/04/24 14:40	0.062	0.596	0.659	0.048	15.4	66	4.1	203	05
26/04/24 14:45	0.002	0.590	0.592	0.165	15.4	64	4.3	205	04
26/04/24 14:50	-0.016	0.599	0.583	0.146	15.3	64	4.1	207	07
26/04/24 14:55	-0.055	0.543	0.488	0.081	15.5	64	3.9	201	04
26/04/24 15:00	-0.042	0.443	0.401	0.109	15.4	65	4.1	208	08
26/04/24 15:05	-0.056	0.463	0.408	0.096	15.4	65	3.9	209	08
26/04/24 15:10	-0.009	0.485	0.477	0.158	15.5	64	3.8	210	05
26/04/24 15:15	0.129	0.414	0.543	0.274	15.6	65	3.8	212	11
26/04/24 15:20	0.115	0.481	0.596	0.335	15.4	65	4.1	222	04

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/04/24 15:25	0.184	0.493	0.678	0.277	15.4	64	3.7	219	06
26/04/24 15:30	0.160	0.527	0.687	0.329	15.4	62	3.5	213	08
26/04/24 15:35	0.152	0.523	0.675	0.340	15.5	62	3.6	227	07
26/04/24 15:40	0.132	0.550	0.683	0.377	15.5	64	3.7	226	05
26/04/24 15:45	0.171	0.737	0.908	0.364	15.5	65	3.9	219	06
26/04/24 15:50	0.151	1.019	1.170	0.355	15.5	65	4.8	209	06
26/04/24 15:55	0.186	1.065	1.250	0.299	15.4	63	4.6	214	05
26/04/24 16:00	0.180	1.027	1.208	0.307	15.4	64	4.3	212	06
26/04/24 16:05	0.162	0.992	1.154	0.288	15.5	65	4.4	211	09
26/04/24 16:10	0.095	1.174	1.269	0.281	15.3	67	3.7	198	08
26/04/24 16:15	0.190	1.385	1.575	0.291	15.5	71	4.2	204	06
26/04/24 16:20	0.194	1.633	1.827	0.257	15.3	69	3.3	198	08
26/04/24 16:25	0.255	2.035	2.290	0.180	15.3	69	3.7	201	05
26/04/24 16:30	0.318	2.839	3.157	0.139	15.3	69	3.1	201	07
26/04/24 16:35	0.229	2.724	2.954	0.241	15.3	69	3.0	196	10
26/04/24 16:40	0.386	2.728	3.114	0.267	15.2	68	2.9	194	09
26/04/24 16:45	0.632	3.114	3.746	0.230	15.2	68	2.7	198	10
26/04/24 16:50	0.696	1.711	2.406	0.234	15.2	68	2.2	194	08
26/04/24 16:55	1.126	3.628	4.754	0.302	15.2	67	2.2	190	09
26/04/24 17:00	1.586	1.101	2.688	0.326	15.2	67	2.9	205	07
26/04/24 17:05	0.935	0.438	1.373	0.348	15.3	66	2.7	193	08
26/04/24 17:10	0.685	0.853	1.537	0.385	15.3	65	2.5	192	08
26/04/24 17:15	0.523	1.142	1.664	0.294	15.3	64	3.3	222	09
26/04/24 17:20	0.446	1.286	1.732	0.288	15.4	64	3.7	214	09
26/04/24 17:25	0.452	1.591	2.043	0.338	15.4	68	3.1	200	10
26/04/24 17:30	5.360	7.067	12.428	0.344	15.3	67	2.9	192	10
26/04/24 17:35	6.735	8.123	14.858	0.327	15.2	67	3.3	191	08
26/04/24 17:40	5.946	9.682	15.627	0.328	15.2	68	3.3	193	10
26/04/24 17:45	1.017	4.811	5.829	0.246	15.2	67	3.9	198	08
26/04/24 17:50	0.506	1.665	2.171	0.183	15.2	67	4.5	204	05
26/04/24 17:55	0.531	1.371	1.902	0.278	15.3	66	3.6	201	08
26/04/24 18:00	0.467	2.055	2.521	0.368	15.3	66	3.9	202	08
26/04/24 18:05	0.325	1.889	2.215	0.392	15.4	66	4.0	195	08
26/04/24 18:10	1.355	2.314	3.670	0.392	15.2	64	3.4	198	11
26/04/24 18:15	0.320	1.359	1.679	0.251	15.3	67	4.2	207	05
26/04/24 18:20	0.180	1.058	1.238	0.223	15.4	66	4.1	204	05
26/04/24 18:25	-0.070	1.114	1.043	0.212	15.4	65	3.6	213	04
26/04/24 18:30	-0.028	1.057	1.029	0.250	15.4	66	3.9	201	05
26/04/24 18:35	0.053	0.989	1.042	0.167	15.4	65	4.3	213	04
26/04/24 18:40	0.131	0.947	1.078	0.207	15.4	66	4.0	216	06
26/04/24 18:45	0.117	0.952	1.069	0.258	15.5	63	3.3	200	07
26/04/24 18:50	0.063	1.114	1.176	0.217	15.4	64	3.4	227	09
26/04/24 18:55	3.447	18.929	22.377	0.185	15.3	63	2.8	235	06
26/04/24 19:00	3.252	20.225	23.477	0.192	15.2	64	2.9	242	09
26/04/24 19:05	1.367	11.220	12.587	0.243	15.2	64	4.1	241	06
26/04/24 19:10	0.440	5.948	6.388	0.303	15.1	64	3.8	248	04
26/04/24 19:15	-0.094	5.808	5.714	0.242	15.1	66	3.5	249	07
26/04/24 19:20	-0.086	5.699	5.614	0.230	15.1	65	2.7	230	21
26/04/24 19:25	-0.095	4.740	4.645	0.170	15.3	63	3.4	231	18
26/04/24 19:30	0.041	4.765	4.806	0.198	15.0	65	3.1	240	06
26/04/24 19:35	0.327	10.302	10.629	0.183	15.1	65	3.1	239	09
26/04/24 19:40	0.298	11.338	11.637	0.191	15.0	64	1.4	210	19
26/04/24 19:45	0.348	6.250	6.598	0.206	15.1	59	1.4	220	21
26/04/24 19:50	0.286	9.053	9.339	0.307	15.1	65	2.3	238	10
26/04/24 19:55	0.491	14.394	14.884	0.383	15.1	65	3.1	247	08
26/04/24 20:00	0.633	11.768	12.401	0.435	15.1	64	3.0	238	08
26/04/24 20:05	0.696	15.041	15.738	0.380	14.9	64	2.7	250	07
26/04/24 20:10	0.850	18.309	19.159	0.428	15.0	64	2.6	254	11
26/04/24 20:15	1.467	21.162	22.628	0.487	14.9	65	2.4	256	09
26/04/24 20:20	1.466	14.111	15.577	0.493	15.1	62	1.8	250	09
26/04/24 20:25	1.353	15.695	17.048	0.511	15.1	62	0.6	278	32
26/04/24 20:30	1.320	18.618	19.938	0.476	15.0	62	1.3	249	27
26/04/24 20:35	1.357	15.678	17.034	0.520	15.2	62	2.4	240	11
26/04/24 20:40	2.265	20.254	22.519	0.591	15.2	61	2.5	250	10
26/04/24 20:45	2.326	18.012	20.338	0.628	15.2	61	2.1	252	11
26/04/24 20:50	2.196	19.677	21.874	0.672	15.1	63	2.5	247	07
26/04/24 20:55	2.255	14.543	16.798	0.737	15.1	62	3.9	245	09
26/04/24 21:00	2.092	14.842	16.934	0.637	14.9	63	3.2	251	09
26/04/24 21:05	2.515	20.620	23.135	0.710	15.0	64	3.7	244	07
26/04/24 21:10	2.189	13.109	15.299	0.768	15.0	63	3.7	243	09
26/04/24 21:15	2.266	20.592	22.858	0.779	14.9	62	2.5	241	10
26/04/24 21:20	2.223	18.513	20.736	0.871	15.0	62	3.0	257	08
26/04/24 21:25	3.327	26.526	29.853	0.904	15.0	62	3.4	248	07
26/04/24 21:30	5.013	22.809	27.822	0.940	15.0	61	2.9	251	07
26/04/24 21:35	7.411	23.733	31.144	0.882	15.0	62	2.8	247	07
26/04/24 21:40	6.386	24.205	30.591	0.897	14.9	63	2.7	235	09
26/04/24 21:45	3.026	8.077	11.103	0.892	15.0	63	3.3	231	06
26/04/24 21:50	-0.257	7.885	7.628	0.849	14.8	64	3.5	239	06
26/04/24 21:55	-0.020	7.825	7.805	0.874	14.9	66	3.9	232	05
26/04/24 22:00	0.079	7.458	7.537	0.725	14.9	65	3.9	233	05
26/04/24 22:05	0.074	7.132	7.207	0.717	14.9	65	3.7	235	05
26/04/24 22:10	0.295	11.138	11.433	0.589	14.8	64	3.4	245	05
26/04/24 22:15	0.314	10.146	10.460	0.639	14.8	65	3.2	244	09
26/04/24 22:20	0.393	9.983	10.377	0.608	14.7	63	3.8	237	06
26/04/24 22:25	0.362	10.170	10.532	0.603	14.8	64	3.4	241	06
26/04/24 22:30	0.394	10.030	10.423	0.740	14.7	64	3.5	246	07
26/04/24 22:35	0.392	9.930	10.322	0.725	14.8	64	3.8	243	08
26/04/24 22:40	0.232	9.569	9.801	0.674	14.7	64	3.8	242	07
26/04/24 22:45	0.161	9.048	9.209	0.609	14.7	65	3.4	248	08
26/04/24 22:50	0.162	9.078	9.240	0.677	14.7	65	3.5	245	08
26/04/24 22:55	0.109	7.140	7.249	0.643	14.7	67	4.1	239	09
26/04/24 23:00	0.088	4.016	4.103	0.559	14.8	66	4.3	237	07
26/04/24 23:05	0.094	4.046	4.140	0.538	14.7	66	4.6	238	07
26/04/24 23:10	0.065	3.921	3.986	0.417	14.7	66	4.2	239	08
26/04/24 23:15	0.192	3.825	4.017	0.417	14.7	66	4.0	242	05
26/04/24 23:20	0.227	4.012	4.239	0.490	14.7	67	3.8	236	09
26/04/24 23:25	0.093	3.981	4.074	0.488	14.8	67	3.7	232	08
26/04/24 23:30	0.193	4.010	4.203	0.449	14.8	69	4.4	230	07
26/04/24 23:35	0.082	3.299	3.381	0.475	14.8	69	4.8	221	06
26/04/24 23:40	-0.110	2.547	2.437	0.406	14.8	69	4.3	220	07
26/04/24 23:45	-0.095	2.189	2.094	0.287	14.9	67	3.4	199	06
26/04/24 23:50	-0.037	1.978	1.941		14.8	70	2.8	197	09
26/04/24 23:55	0.071	1.669	1.740		14.8	70	2.7	196	10
27/04/24 00:00	0.028	1.468	1.496	0.279	14.9	72	3.4	208	09

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/04/24 00:05	0.086	1.285	1.371	0.202	14.9	69	2.9	193	10
27/04/24 00:10	0.049	1.231	1.280	0.171	14.8	68	2.8	198	07
27/04/24 00:15	0.046	1.169	1.215	0.143	14.8	68	2.4	192	12
27/04/24 00:20	0.014	1.054	1.068	0.102	14.8	68	2.8	193	09
27/04/24 00:25	-0.087	0.973	0.886	0.111	14.9	69	2.8	200	10
27/04/24 00:30	-0.064	0.900	0.836	0.159	14.9	67	2.4	187	09
27/04/24 00:35	0.036	0.887	0.924	0.164	14.9	67	2.1	193	10
27/04/24 00:40	0.005	0.874	0.879	0.076	14.9	67	2.2	191	13
27/04/24 00:45	0.040	0.835	0.875	0.008	14.8	67	1.9	205	21
27/04/24 00:50	0.045	1.964	2.009	0.029	14.7	70	2.3	214	11
27/04/24 00:55	-0.025	2.808	2.783	-0.007	14.7	72	2.0	228	08
27/04/24 01:00	-0.009	3.180	3.170	-0.019	14.5	71	1.0	221	20
27/04/24 01:05					14.5	71	2.2	236	08
27/04/24 01:10					14.5	71	2.7	244	12
27/04/24 01:15					14.6	70	2.8	248	07
27/04/24 01:20					14.4	68	2.0	247	10
27/04/24 01:25					14.4	67	1.3	247	14
27/04/24 01:30					14.3	67	1.2	267	17
27/04/24 01:35					14.3	69	2.0	261	08
27/04/24 01:40					14.3	69	1.9	253	08
27/04/24 01:45					14.3	69	2.2	257	07
27/04/24 01:50					14.2	69	2.4	261	09
27/04/24 01:55					14.1	69	2.3	262	06
27/04/24 02:00					14.1	70	2.0	259	07
27/04/24 02:05	3.455	22.576	26.030	0.259	14.1	69	2.0	256	09
27/04/24 02:10	3.297	19.669	22.966	0.366	14.1	69	2.3	255	10
27/04/24 02:15	3.841	18.951	22.792	0.412	14.1	70	2.4	261	06
27/04/24 02:20	4.005	18.643	22.648	0.399	14.1	69	2.5	262	07
27/04/24 02:25	3.655	17.705	21.359	0.494	14.0	69	2.5	262	07
27/04/24 02:30	3.544	17.626	21.171	0.599	13.9	69	2.6	263	06
27/04/24 02:35	3.760	18.738	22.498	0.723	13.9	70	2.5	258	07
27/04/24 02:40	4.199	19.084	23.283	0.896	13.9	70	2.6	247	10
27/04/24 02:45	3.841	15.818	19.660	1.081	14.0	70	2.7	250	08
27/04/24 02:50	3.544	15.270	18.815	0.988	13.9	70	2.2	253	12
27/04/24 02:55	3.091	14.669	17.760	0.986	13.9	71	2.5	256	06
27/04/24 03:00	3.130	18.642	21.771	1.015	13.9	71	2.3	241	11
27/04/24 03:05	2.922	9.098	12.020	1.104	13.8	72	2.3	235	07
27/04/24 03:10	2.278	9.770	12.048	1.242	13.8	72	1.8	237	12
27/04/24 03:15	2.394	14.220	16.614	1.255	13.8	72	1.7	251	12
27/04/24 03:20	2.911	19.247	22.158	1.287	13.8	72	1.4	259	10
27/04/24 03:25	3.081	19.254	22.335	1.278	13.8	71	1.1	243	12
27/04/24 03:30	2.519	14.291	16.810	1.325	13.8	72	1.2	245	23
27/04/24 03:35	2.456	19.412	21.868	1.227	13.8	72	0.9	273	20
27/04/24 03:40	2.459	20.789	23.248	1.218	13.8	73	1.1	292	14
27/04/24 03:45	2.025	18.589	20.614	1.178	13.7	72	1.0	285	10
27/04/24 03:50	1.633	16.827	18.460	1.162	13.7	72	0.9	285	14
27/04/24 03:55	1.426	17.805	19.232	1.231	13.6	73	1.1	261	15
27/04/24 04:00	1.461	16.746	18.207	1.145	13.8	72	1.6	240	07
27/04/24 04:05	1.460	15.522	16.982	1.056	13.7	72	1.5	245	12
27/04/24 04:10	2.087	21.583	23.670	1.041	13.7	71	1.5	256	07
27/04/24 04:15	1.976	17.969	19.945	1.154	13.8	71	1.3	258	08
27/04/24 04:20	1.747	15.408	17.155	1.175	13.8	71	1.1	270	19
27/04/24 04:25	1.336	12.689	14.025	1.191	13.7	71	1.2	297	08
27/04/24 04:30	0.942	12.913	13.855	1.183	13.6	71	1.1	305	07
27/04/24 04:35	0.665	13.301	13.966	1.189	13.6	70	1.2	311	08
27/04/24 04:40	0.562	13.535	14.098	1.039	13.5	71	0.9	308	09
27/04/24 04:45	0.624	14.008	14.632	0.932	13.5	72	0.7	300	09
27/04/24 04:50	0.529	13.985	14.514	0.913	13.2	73	0.7	313	11
27/04/24 04:55	0.451	13.828	14.278	0.910	13.2	73	0.9	317	10
27/04/24 05:00	0.449	13.819	14.268	0.888	13.0	74	0.7	336	21
27/04/24 05:05	0.449	14.283	14.732	0.936	12.8	74	1.1	348	16
27/04/24 05:10	0.369	15.097	15.465	0.872	12.9	74	0.8	313	15
27/04/24 05:15	0.392	15.750	16.143	0.673	12.9	74	0.6	304	24
27/04/24 05:20	0.619	16.414	17.033	0.686	12.8	75	0.9	303	10
27/04/24 05:25	0.948	17.494	18.442	0.682	12.9	76	1.1	290	09
27/04/24 05:30	1.389	18.195	19.584	0.593	13.0	77	1.0	293	12
27/04/24 05:35	1.609	18.633	20.242	0.641	13.1	74	1.1	307	08
27/04/24 05:40	1.558	18.632	20.190	0.667	13.0	74	1.4	304	08
27/04/24 05:45	1.518	18.419	19.937	0.663	12.9	74	0.9	315	13
27/04/24 05:50	1.533	18.326	19.859	0.729	12.7	75	0.6	323	30
27/04/24 05:55	1.586	18.096	19.682	0.676	12.6	75	0.4	316	29
27/04/24 06:00	1.705	17.635	19.340	0.728	12.5	76	0.6	333	27
27/04/24 06:05	2.250	17.474	19.724	0.627	12.2	77	1.2	22	20
27/04/24 06:10	5.412	18.256	23.669	0.617	11.9	79	1.9	47	06
27/04/24 06:15	14.948	20.285	35.233	0.690	11.8	79	1.6	45	07
27/04/24 06:20	12.422	19.354	31.776	0.737	11.9	80	1.0	21	14
27/04/24 06:25	13.029	18.337	31.366	0.719	11.9	80	1.3	34	09
27/04/24 06:30	11.050	19.538	30.588	0.594	11.9	80	1.0	24	13
27/04/24 06:35	10.814	19.977	30.791	0.587	11.9	80	0.9	13	17
27/04/24 06:40	16.542	18.214	34.756	0.623	11.9	79	1.0	18	14
27/04/24 06:45	22.647	19.407	42.054	0.718	12.0	79	0.8	21	13
27/04/24 06:50	29.966	21.651	51.616	0.714	11.9	79	1.0	11	17
27/04/24 06:55	32.741	21.521	54.263	0.867	12.0	78	1.0	358	21
27/04/24 07:00	32.135	20.772	52.906	0.832	12.1	78	1.0	359	22
27/04/24 07:05	26.803	21.468	48.271	0.932	12.1	78	1.2	0	21
27/04/24 07:10	22.173	19.884	42.057	0.902	12.4	78	1.0	343	31
27/04/24 07:15	20.240	19.506	39.746	0.834	12.5	79	0.8	354	28
27/04/24 07:20	16.300	15.887	32.187	0.705	12.5	79	1.2	354	21
27/04/24 07:25	10.319	17.834	28.153	0.622	12.6	80	1.6	3	11
27/04/24 07:30	9.382	17.501	26.883	0.616	12.6	79	1.2	348	24
27/04/24 07:35	9.055	17.406	26.461	0.560	12.6	79	1.6	2	22
27/04/24 07:40	9.898	17.110	27.008	0.589	12.7	80	1.4	14	19
27/04/24 07:45	10.053	16.798	26.851	0.563	12.7	80	1.4	10	19
27/04/24 07:50	9.074	15.302	24.376	0.457	12.7	80	1.5	7	15
27/04/24 07:55	7.988	12.609	20.597	0.445	12.7	79	1.4	20	17
27/04/24 08:00	6.638	11.093	17.731	0.398	12.7	79	1.5	8	21
27/04/24 08:05	6.084	11.269	17.353	0.516	12.7	78	1.7	7	20
27/04/24 08:10	6.277	11.855	18.132	0.539	12.7	77	1.7	9	21
27/04/24 08:15	6.373	12.074	18.447	0.519	12.7	77	1.9	8	22
27/04/24 08:20	6.128	11.973	18.100	0.462	12.8	76	2.0	13	17
27/04/24 08:25	5.609	11.544	17.153	0.451	12.9	74	1.5	16	25
27/04/24 08:30	5.231	11.155	16.386	0.491	13.0	74	1.9	14	22
27/04/24 08:35	5.131	10.961	16.093	0.522	13.0	74	1.8	6	16
27/04/24 08:40	5.183	11.068	16.251	0.621	13.1	73	1.7	5	18

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/04/24 08:45	5.507	11.238	16.746	0.629	13.2	74	1.3	355	23
27/04/24 08:50	5.502	11.179	16.681	0.582	13.1	74	1.6	357	25
27/04/24 08:55	5.089	10.625	15.714	0.532	13.2	74	1.2	360	28
27/04/24 09:00	4.621	9.974	14.594	0.423	13.4	73	1.5	5	22
27/04/24 09:05	4.439	9.655	14.094	0.393	13.5	72	1.2	12	29
27/04/24 09:10	4.364	9.346	13.711	0.433	13.7	70	1.3	30	24
27/04/24 09:15	4.312	8.989	13.301	0.495	14.1	69	1.1	356	29
27/04/24 09:20	4.248	8.564	12.812	0.501	14.6	66	1.6	8	23
27/04/24 09:25	4.110	8.036	12.146	0.559	14.7	64	1.3	326	29
27/04/24 09:30	4.129	7.724	11.854	0.601	15.0	64	0.5	2	51
27/04/24 09:35	4.353	7.766	12.119	0.646	15.3	64	1.2	302	26
27/04/24 09:40	4.674	7.941	12.615	0.661	15.1	65	1.6	301	23
27/04/24 09:45	5.095	8.322	13.416	0.768	15.0	65	1.3	328	29
27/04/24 09:50	5.534	8.665	14.199	0.753	15.2	64	1.3	335	27
27/04/24 09:55	5.924	8.952	14.876	0.791	15.4	63	1.6	12	31
27/04/24 10:00	6.131	9.112	15.243	0.871	15.5	63	1.3	335	32
27/04/24 10:05	6.145	9.060	15.205	0.813	15.7	62	0.8	347	45
27/04/24 10:10	5.967	8.922	14.889	0.682	15.8	61	1.8	10	31
27/04/24 10:15	5.884	9.054	14.938	0.626	15.7	62	0.2	312	76
27/04/24 10:20	5.750	8.994	14.744	0.635	16.1	61	0.8	22	48
27/04/24 10:25	5.579	8.830	14.410	0.673	16.2	61	0.9	290	26
27/04/24 10:30	5.259	8.512	13.771	0.673	15.8	62	1.1	278	31
27/04/24 10:35	4.956	8.185	13.141	0.734	15.8	63	1.0	269	33
27/04/24 10:40	4.895	7.989	12.884	0.837	15.8	64	1.3	269	30
27/04/24 10:45	4.605	7.491	12.096	0.741	15.8	62	0.5	346	55
27/04/24 10:50	4.003	6.719	10.721	0.621	16.4	61	0.6	214	54
27/04/24 10:55	3.775	6.570	10.345	0.471	16.1	62	1.9	226	08
27/04/24 11:00	4.090	7.075	11.165	0.390	15.9	64	2.2	240	05
27/04/24 11:05	4.642	7.686	12.328	0.437	15.7	66	2.6	220	05
27/04/24 11:10	5.717	10.100	15.817	0.511	15.7	65	2.3	213	03
27/04/24 11:15	7.237	13.726	20.963	0.657	15.7	65	2.4	202	05
27/04/24 11:20	9.088	16.106	25.194	0.761	16.0	64	3.1	199	03
27/04/24 11:25	9.217	14.638	23.855	0.796	16.0	65	3.6	199	04
27/04/24 11:30	8.440	11.355	19.795	0.892	16.1	66	2.6	194	12
27/04/24 11:35	7.480	8.734	16.214	0.956	16.4	65	2.5	196	10
27/04/24 11:40	6.416	6.995	13.411	1.017	16.3	65	3.2	200	05
27/04/24 11:45	5.978	8.095	14.073	1.048	16.1	66	3.3	202	05
27/04/24 11:50	4.887	7.140	12.026	1.059	16.0	67	2.6	195	10
27/04/24 11:55	4.189	6.625	10.814	1.079	16.6	63	1.9	175	17
27/04/24 12:00	3.909	6.709	10.618	1.053	16.8	63	1.6	163	25
27/04/24 12:05	3.644	6.551	10.195	0.914	17.2	60	1.4	166	25
27/04/24 12:10	3.441	6.431	9.872	0.781	17.2	59	1.6	179	19
27/04/24 12:15	3.382	6.615	9.997	0.765	17.4	61	1.7	188	15
27/04/24 12:20	4.788	10.592	15.379	0.779	17.4	61	1.5	185	19
27/04/24 12:25	5.584	12.138	17.722	0.947	17.7	59	1.9	175	17
27/04/24 12:30	5.951	11.808	17.759	1.198	17.8	58	1.8	180	18
27/04/24 12:35	6.425	12.042	18.468	1.252	17.9	59	1.6	177	18
27/04/24 12:40	6.347	11.104	17.451	1.221	18.1	58	1.6	163	22
27/04/24 12:45	6.423	10.773	17.196	1.169	18.0	57	1.6	169	25
27/04/24 12:50	6.355	10.508	16.863	1.154	17.8	58	1.8	164	25
27/04/24 12:55	6.529	10.682	17.211	1.174	17.8	58	1.5	165	29
27/04/24 13:00	6.471	10.603	17.074	1.020	17.6	59	1.9	152	22
27/04/24 13:05	5.826	9.527	15.353	1.029	17.5	60	1.7	172	19
27/04/24 13:10	5.278	7.899	13.177	1.058	17.7	60	2.0	180	17
27/04/24 13:15	4.929	7.801	12.729	1.012	17.9	59	1.7	174	21
27/04/24 13:20	4.641	7.777	12.417	0.935	18.1	60	1.7	192	14
27/04/24 13:25	4.490	7.913	12.403	0.887	17.6	62	2.8	202	05
27/04/24 13:30	4.466	8.108	12.574	0.939	17.0	64	2.9	197	08
27/04/24 13:35	4.417	8.253	12.669	0.922	17.4	64	1.9	184	17
27/04/24 13:40	4.069	8.024	12.093	0.974	18.1	60	1.6	181	16
27/04/24 13:45	3.746	7.804	11.550	0.966	18.7	57	1.5	186	16
27/04/24 13:50	3.403	7.393	10.796	0.979	18.8	59	2.0	192	14
27/04/24 13:55	3.008	6.835	9.843	0.942	18.0	61	2.5	193	10
27/04/24 14:00	2.726	6.427	9.153	0.949	18.3	59	1.9	183	15
27/04/24 14:05	2.502	6.181	8.683	0.944	18.6	58	1.9	182	16
27/04/24 14:10	2.348	5.779	8.128	0.883	18.8	58	1.8	183	19
27/04/24 14:15	2.194	5.519	7.714	0.793	18.6	58	2.8	197	08
27/04/24 14:20	1.889	5.364	7.253	0.704	17.9	62	2.6	195	10
27/04/24 14:25	1.702	5.157	6.859	0.688	17.9	61	2.2	188	13
27/04/24 14:30	1.772	4.998	6.769	0.621	18.4	59	2.1	186	13
27/04/24 14:35	1.754	4.982	6.736	0.714	18.7	59	2.1	182	13
27/04/24 14:40	1.692	4.918	6.610	0.736	18.8	58	2.2	176	16
27/04/24 14:45	1.694	4.705	6.398	0.659	18.8	58	2.4	181	16
27/04/24 14:50	1.646	4.418	6.064	0.563	18.8	58	2.2	179	15
27/04/24 14:55	1.484	4.128	5.613	0.595	18.7	59	1.8	170	22
27/04/24 15:00	1.272	3.816	5.088	0.590	18.6	58	2.1	166	24
27/04/24 15:05	1.164	3.639	4.803	0.599	18.4	59	2.1	181	15
27/04/24 15:10	1.096	3.702	4.798	0.475	18.5	60	2.4	189	13
27/04/24 15:15	0.967	3.709	4.677	0.479	18.4	59	2.4	186	13
27/04/24 15:20	0.777	3.609	4.386	0.526	18.1	61	2.6	179	14
27/04/24 15:25	0.593	3.553	4.147	0.433	17.8	62	2.8	183	14
27/04/24 15:30	0.553	3.456	4.008	0.374	17.6	62	2.9	183	11
27/04/24 15:35	0.597	3.358	3.955	0.334	17.5	62	2.6	174	15
27/04/24 15:40	0.642	3.480	4.122	0.267	17.7	62	2.6	178	16
27/04/24 15:45	0.582	3.529	4.111	0.313	17.6	63	2.7	173	17
27/04/24 15:50	0.633	3.627	4.260	0.335	17.3	63	2.7	182	17
27/04/24 15:55	0.691	3.784	4.475	0.346	17.0	65	3.2	184	13
27/04/24 16:00	0.583	3.710	4.293	0.372	16.8	66	3.3	186	13
27/04/24 16:05	0.503	3.538	4.041	0.374	16.6	67	2.9	184	13
27/04/24 16:10	0.384	3.298	3.683	0.368	16.6	69	2.7	181	17
27/04/24 16:15	0.298	2.989	3.287	0.412	16.8	68	2.4	181	13
27/04/24 16:20	0.180	2.853	3.032	0.465	16.9	66	2.7	180	15
27/04/24 16:25	0.040	2.721	2.761	0.492	16.9	67	2.2	171	21
27/04/24 16:30	0.022	2.653	2.675	0.474	17.1	66	1.6	171	31
27/04/24 16:35	0.079	2.587	2.666	0.460	17.2	64	2.1	152	25
27/04/24 16:40	0.110	2.593	2.702	0.429	17.1	65	1.8	159	33
27/04/24 16:45	0.130	2.581	2.710	0.277	16.9	64	3.6	141	11
27/04/24 16:50	0.179	2.580	2.760	0.320	16.5	66	3.6	141	10
27/04/24 16:55	0.187	2.558	2.745	0.322	16.5	67	3.1	135	12
27/04/24 17:00	0.182	2.519	2.701	0.291	16.4	66	3.0	139	16
27/04/24 17:05	0.120	2.645	2.765	0.320	16.4	67	3.3	138	10
27/04/24 17:10	0.147	2.891	3.037	0.277	16.3	66	2.7	134	12
27/04/24 17:15	0.072	3.065	3.136	0.160	16.3	67	3.0	138	14
27/04/24 17:20	0.088	3.148	3.236	0.175	16.3	67	2.7	144	13

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/04/24 17:25	0.176	3.154	3.329	0.154	16.3	67	2.7	136	14
27/04/24 17:30	0.192	3.240	3.432	0.231	16.2	67	2.7	138	09
27/04/24 17:35	0.141	3.261	3.402	0.327	16.3	68	2.1	136	19
27/04/24 17:40	0.065	3.272	3.337	0.393	16.2	67	2.1	136	17
27/04/24 17:45	0.045	3.365	3.410	0.377	16.3	68	1.7	127	17
27/04/24 17:50	0.173	3.441	3.613	0.303	16.1	69	1.5	119	23
27/04/24 17:55	0.294	3.566	3.860	0.278	16.2	69	1.1	125	26
27/04/24 18:00	0.318	3.866	4.184	0.241	16.2	69	1.1	130	25
27/04/24 18:05	0.227	4.151	4.379	0.200	16.2	67	1.5	132	18
27/04/24 18:10	0.238	4.279	4.518	0.287	16.2	67	1.7	130	17
27/04/24 18:15	0.187	4.613	4.800	0.287	16.2	69	2.4	116	07
27/04/24 18:20	0.198	4.914	5.112	0.286	16.2	68	2.1	112	07
27/04/24 18:25	0.221	5.204	5.426	0.312	16.1	67	2.0	109	10
27/04/24 18:30	0.377	5.692	6.068	0.262	16.1	68	2.0	112	08
27/04/24 18:35	0.304	6.277	6.582	0.281	16.1	68	2.0	104	08
27/04/24 18:40	0.306	8.227	8.533	0.295	16.0	66	2.1	98	06
27/04/24 18:45	0.350	15.081	15.432	0.348	15.9	66	2.2	103	07
27/04/24 18:50	0.336	18.339	18.675	0.389	15.9	67	2.1	102	08
27/04/24 18:55	0.227	18.445	18.673	0.355	15.8	66	2.4	102	06
27/04/24 19:00	0.230	18.538	18.768	0.364	15.8	66	2.7	100	06
27/04/24 19:05	0.207	18.218	18.425	0.364	15.7	67	2.4	105	08
27/04/24 19:10	0.233	18.068	18.300	0.244	15.8	68	1.9	111	06
27/04/24 19:15	0.249	18.289	18.538	0.092	15.7	69	1.8	112	07
27/04/24 19:20	0.746	19.010	19.756	0.061	15.7	69	1.8	110	06
27/04/24 19:25	0.979	20.722	21.701	-0.056	15.7	68	2.1	103	09
27/04/24 19:30	1.548	20.570	22.117	-0.190	15.5	68	3.4	106	08
27/04/24 19:35	5.822	13.536	19.358	-0.280	15.6	70	3.3	102	07
27/04/24 19:40	0.312	19.623	19.935	-0.243	15.4	70	2.9	102	09
27/04/24 19:45	0.339	19.308	19.647	-0.181	15.2	72	2.7	99	12
27/04/24 19:50	0.415	18.538	18.953	-0.101	15.2	74	3.3	102	07
27/04/24 19:55	0.371	17.997	18.369	-0.099	15.0	75	3.1	102	08
27/04/24 20:00	0.489	17.976	18.466	-0.088	15.0	76	2.9	106	08
27/04/24 20:05	0.724	17.626	18.351	-0.166	15.0	76	2.6	99	08
27/04/24 20:10	9.594	8.491	18.085	-0.194	14.8	76	2.3	101	12
27/04/24 20:15	0.725	13.259	13.984	-0.247	14.8	77	2.0	101	10
27/04/24 20:20	0.741	13.065	13.806	-0.135	14.8	77	1.9	107	13
27/04/24 20:25	0.482	10.977	11.459	-0.001	14.8	78	1.8	107	10
27/04/24 20:30	1.466	9.845	11.311	-0.051	14.7	78	1.7	95	12
27/04/24 20:35	1.962	9.638	11.600	-0.001	14.7	78	1.6	99	11
27/04/24 20:40	0.618	9.614	10.232	0.000	14.6	79	1.6	102	14
27/04/24 20:45	0.477	9.364	9.841	-0.003	14.5	79	1.7	91	10
27/04/24 20:50	0.473	9.271	9.744	0.022	14.5	79	1.3	68	15
27/04/24 20:55	0.765	11.526	12.291	0.094	14.5	79	0.6	68	26
27/04/24 21:00	1.717	15.562	17.279	0.025	14.4	80	0.5	76	34
27/04/24 21:05	1.173	10.115	11.288	0.021	14.3	80	0.7	109	18
27/04/24 21:10	0.796	10.058	10.854	0.060	14.4	81	0.7	92	15
27/04/24 21:15	0.851	10.436	11.287	-0.079	14.3	80	0.9	87	21
27/04/24 21:20	1.129	13.169	14.299	-0.271	14.3	80	0.5	60	26
27/04/24 21:25	1.368	16.193	17.561	-0.245	14.1	81	0.2	51	39
27/04/24 21:30	1.189	15.388	16.577	-0.272	14.0	81	0.5	22	31
27/04/24 21:35	1.261	15.791	17.052	-0.404	14.0	81	0.6	51	18
27/04/24 21:40	1.496	15.839	17.335	-0.427	14.1	82	0.8	59	12
27/04/24 21:45	2.311	16.220	18.531	-0.383	14.0	82	0.9	40	08
27/04/24 21:50	3.070	16.842	19.912	-0.319	14.0	82	1.1	44	09
27/04/24 21:55	3.342	17.266	20.608	-0.209	13.9	82	0.7	45	15
27/04/24 22:00	2.476	14.670	17.146	-0.146	13.9	82	0.9	61	11
27/04/24 22:05	4.257	16.861	21.118	0.019	13.8	82	0.8	67	08
27/04/24 22:10	1.352	15.108	16.460	-0.025	13.8	82	0.6	63	14
27/04/24 22:15	10.161	20.905	31.066	-0.002	13.8	83	0.7	68	13
27/04/24 22:20	6.827	18.431	25.258	0.094	13.6	83	0.9	73	10
27/04/24 22:25	4.788	19.315	24.103	0.062	13.6	83	1.0	68	09
27/04/24 22:30	3.581	17.140	20.722	-0.066	13.5	83	1.0	64	09
27/04/24 22:35	2.416	15.298	17.714	-0.184	13.6	83	1.2	55	10
27/04/24 22:40	9.817	25.629	35.446	-0.119	13.5	82	0.7	39	10
27/04/24 22:45	4.663	24.756	29.419	0.033	13.4	84	0.5	21	05
27/04/24 22:50	2.462	24.303	26.765	0.269	13.1	84	0.5	70	21
27/04/24 22:55	2.562	20.777	23.339	0.288	13.0	85	1.2	341	18
27/04/24 23:00	6.395	24.547	30.943	0.280	13.0	84	1.6	321	09
27/04/24 23:05	19.094	27.768	46.861	0.261	12.9	83	2.2	320	08
27/04/24 23:10	17.033	26.884	43.917	0.182	12.7	81	2.6	318	07
27/04/24 23:15	14.366	26.497	40.864	0.252	12.5	80	2.2	315	08
27/04/24 23:20	14.541	26.054	40.595	0.233	12.5	80	2.2	318	08
27/04/24 23:25	14.616	25.662	40.278	0.201	12.3	81	1.9	320	15
27/04/24 23:30	15.194	25.242	40.436	0.170	12.2	81	1.7	329	16
27/04/24 23:35	16.157	25.144	41.301	0.113	12.1	82	2.0	332	15
27/04/24 23:40	15.449	25.090	40.539	0.207	12.0	82	2.1	330	13
27/04/24 23:45	15.168	24.937	40.105	0.210	12.0	82	1.4	335	17
27/04/24 23:50	16.616	24.892	41.508		11.8	83	1.2	339	17
27/04/24 23:55	18.043	24.453	42.496		11.7	83	1.8	333	15
28/04/24 00:00	18.992	24.139	43.131	0.236	11.7	83	1.7	329	17
28/04/24 00:05	18.782	24.038	42.820	0.141	11.7	83	1.5	331	16
28/04/24 00:10	18.340	23.919	42.259	0.256	11.7	83	1.7	333	18
28/04/24 00:15	17.660	23.932	41.591	0.331	11.7	82	1.8	333	17
28/04/24 00:20	15.915	24.476	40.392	0.319	11.6	82	1.6	336	14
28/04/24 00:25	13.919	25.245	39.164	0.268	11.5	83	1.3	342	17
28/04/24 00:30	15.130	23.904	39.034	0.217	11.5	83	1.5	355	16
28/04/24 00:35	21.079	19.416	40.495	0.218	11.4	84	1.8	350	16
28/04/24 00:40	20.681	21.091	41.772	0.258	11.3	84	1.7	339	14
28/04/24 00:45	20.301	21.834	42.135	0.129	11.2	84	1.3	345	21
28/04/24 00:50	20.093	22.131	42.224	0.058	11.2	84	1.3	349	21
28/04/24 00:55	20.038	22.290	42.328	0.021	11.1	84	1.5	347	15
28/04/24 01:00	20.249	22.125	42.373	0.130	11.0	84	1.6	346	17
28/04/24 01:05					10.9	84	1.7	347	20
28/04/24 01:10					10.9	83	1.7	351	17
28/04/24 01:15					10.8	83	1.5	2	13
28/04/24 01:20					10.8	83	1.5	352	20
28/04/24 01:25					10.8	83	1.5	332	16
28/04/24 01:30					10.7	83	1.4	334	19
28/04/24 01:35					10.8	83	1.4	351	18
28/04/24 01:40					10.7	83	1.7	359	14
28/04/24 01:45					10.7	83	1.5	358	20
28/04/24 01:50					10.6	83	1.6	359	16
28/04/24 01:55					10.6	83	1.4	356	16
28/04/24 02:00					10.6	83	1.5	0	13

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/04/24 02:05	10.618	19.247	29.865	-0.100	10.5	83	1.9	0	13
28/04/24 02:10	9.364	19.146	28.510	-0.101	10.5	82	1.8	358	16
28/04/24 02:15	6.523	20.419	26.942	-0.102	10.4	83	1.6	353	20
28/04/24 02:20	6.254	19.633	25.887	-0.256	10.5	83	1.5	338	19
28/04/24 02:25	5.972	19.169	25.141	-0.284	10.4	83	1.6	341	27
28/04/24 02:30	5.727	18.888	24.615	-0.120	10.4	83	2.2	0	12
28/04/24 02:35	5.337	18.674	24.011	-0.045	10.3	83	2.0	1	12
28/04/24 02:40	6.183	18.596	24.779	-0.069	10.3	83	1.9	358	13
28/04/24 02:45	7.685	18.675	26.359	0.028	10.3	83	1.3	357	19
28/04/24 02:50	8.492	18.680	27.172	0.021	10.3	83	1.3	353	17
28/04/24 02:55	8.662	18.674	27.336	0.000	10.3	83	1.6	5	16
28/04/24 03:00	8.915	18.587	27.502	-0.026	10.3	83	1.7	5	19
28/04/24 03:05	9.244	18.449	27.693	0.036	10.2	83	1.8	4	15
28/04/24 03:10	7.570	18.458	26.028	0.076	10.3	83	1.9	4	10
28/04/24 03:15	5.334	18.888	24.222	0.047	10.3	83	1.9	1	13
28/04/24 03:20	4.353	18.760	23.113	0.008	10.4	83	1.7	6	14
28/04/24 03:25	4.326	18.552	22.878	0.016	10.4	83	1.8	1	18
28/04/24 03:30	4.418	18.623	23.041	0.033	10.5	83	1.4	352	21
28/04/24 03:35	4.225	18.769	22.995	0.037	10.5	82	2.0	360	13
28/04/24 03:40	4.025	18.668	22.693	-0.005	10.5	82	1.5	357	26
28/04/24 03:45	3.414	18.251	21.665	0.012	10.6	83	1.2	4	19
28/04/24 03:50	2.739	17.530	20.269	0.151	10.6	82	1.2	358	17
28/04/24 03:55	2.248	15.806	18.053	0.036	10.6	82	0.9	348	30
28/04/24 04:00	1.642	13.435	15.077	-0.049	10.7	82	0.9	22	29
28/04/24 04:05	1.273	12.051	13.324	-0.084	10.6	83	1.0	344	28
28/04/24 04:10	0.981	11.360	12.341	-0.108	10.6	82	1.1	31	19
28/04/24 04:15	0.893	11.531	12.424	-0.105	10.5	83	0.9	17	16
28/04/24 04:20	0.888	11.760	12.647	-0.092	10.4	83	0.1	47	69
28/04/24 04:25	0.829	11.844	12.672	-0.100	10.4	84	1.1	4	17
28/04/24 04:30	0.774	12.035	12.810	-0.118	10.4	83	0.8	35	17
28/04/24 04:35	0.840	12.422	13.262	-0.081	10.3	84	0.7	16	21
28/04/24 04:40	0.741	12.828	13.569	-0.029	10.3	84	0.9	4	14
28/04/24 04:45	0.612	13.219	13.831	-0.014	10.3	85	1.0	359	19
28/04/24 04:50	0.615	13.854	14.469	-0.075	10.5	84	1.0	3	18
28/04/24 04:55	0.616	14.408	15.024	-0.036	10.5	84	0.9	352	22
28/04/24 05:00	0.844	14.969	15.813	-0.029	10.6	85	1.7	298	11
28/04/24 05:05	2.773	15.772	18.545	-0.087	10.8	83	1.9	311	09
28/04/24 05:10	13.398	16.117	29.515	-0.057	10.6	83	1.3	328	21
28/04/24 05:15	13.886	18.781	32.666	-0.021	10.5	83	1.7	360	15
28/04/24 05:20	13.636	18.126	31.762	0.005	10.2	83	1.7	4	15
28/04/24 05:25	13.728	17.999	31.726	0.014	10.1	84	1.4	5	13
28/04/24 05:30	14.079	17.998	32.076	0.023	10.1	84	1.2	342	21
28/04/24 05:35	12.992	17.963	30.956	-0.034	10.2	84	1.1	344	21
28/04/24 05:40	11.850	17.828	29.678	-0.083	10.2	83	1.4	358	19
28/04/24 05:45	11.143	17.607	28.750	-0.040	10.3	83	1.1	3	23
28/04/24 05:50	10.894	17.548	28.442	0.056	10.2	84	1.3	360	11
28/04/24 05:55	10.043	17.660	27.703	-0.045	10.1	84	1.3	0	13
28/04/24 06:00	9.257	17.553	26.810	0.072	10.2	84	1.6	4	10
28/04/24 06:05	9.198	17.469	26.667	0.265	10.1	84	1.7	6	08
28/04/24 06:10	9.025	17.231	26.256	0.214	10.1	84	1.4	353	26
28/04/24 06:15	8.137	17.192	25.329	0.171	10.1	84	1.6	0	18
28/04/24 06:20	7.291	17.079	24.371	0.102	10.1	84	1.6	0	10
28/04/24 06:25	6.408	17.016	23.424	0.111	10.1	83	1.8	357	10
28/04/24 06:30	5.486	16.755	22.241	0.116	10.4	84	0.9	342	28
28/04/24 06:35	5.020	16.571	21.591	0.042	10.5	83	0.9	335	24
28/04/24 06:40	4.638	16.501	21.139	0.061	10.4	83	0.9	338	27
28/04/24 06:45	4.583	16.450	21.033	0.127	10.3	83	0.8	29	23
28/04/24 06:50	5.143	16.504	21.647	0.133	10.3	84	0.7	342	30
28/04/24 06:55	5.860	16.545	22.405	0.094	10.3	84	1.2	311	16
28/04/24 07:00	10.778	15.202	25.979	0.103	10.3	83	1.6	313	08
28/04/24 07:05	28.339	15.724	44.063	0.278	10.3	83	0.8	324	23
28/04/24 07:10	28.978	17.104	46.082	0.387	10.2	84	0.8	17	22
28/04/24 07:15	31.776	17.028	48.804	0.391	10.0	84	0.5	350	38
28/04/24 07:20	32.856	17.955	50.811	0.425	10.1	84	0.8	1	30
28/04/24 07:25	32.233	18.124	50.357	0.496	10.2	85	0.7	310	18
28/04/24 07:30	32.193	18.307	50.499	0.385	10.4	84	1.1	321	17
28/04/24 07:35	32.067	18.319	50.386	0.283	10.3	84	0.6	348	29
28/04/24 07:40	32.448	18.420	50.868	0.336	10.2	84	0.5	13	35
28/04/24 07:45	32.785	18.393	51.179	0.484	10.3	85	0.6	327	27
28/04/24 07:50	32.291	18.166	50.456	0.545	10.5	83	0.4	335	55
28/04/24 07:55	30.220	17.917	48.137	0.496	10.5	82	1.1	10	27
28/04/24 08:00	28.294	17.444	45.738	0.459	10.4	82	0.7	14	33
28/04/24 08:05	25.857	16.983	42.840	0.479	10.5	81	0.5	33	38
28/04/24 08:10	23.835	16.462	40.297	0.486	10.7	81	0.8	37	19
28/04/24 08:15	17.866	16.153	34.018	0.416	10.9	78	1.0	33	17
28/04/24 08:20	10.213	14.871	25.084	0.335	11.3	77	0.9	5	29
28/04/24 08:25	8.949	14.334	23.283	0.405	11.7	74	1.3	16	26
28/04/24 08:30	8.235	14.489	22.724	0.381	12.0	72	1.3	35	20
28/04/24 08:35	7.757	14.784	22.541	0.390	12.1	71	1.9	35	17
28/04/24 08:40	7.009	15.095	22.104	0.359	12.1	70	1.2	34	22
28/04/24 08:45	6.635	15.195	21.830	0.361	12.3	70	1.4	61	16
28/04/24 08:50	10.623	14.791	25.414	0.458	12.3	73	1.3	80	16
28/04/24 08:55	19.756	16.664	36.419	0.556	12.3	74	1.0	52	24
28/04/24 09:00	20.089	17.456	37.546	0.607	12.5	74	0.3	305	59
28/04/24 09:05	20.008	17.279	37.287	0.640	12.7	74	0.8	290	26
28/04/24 09:10	15.487	14.742	30.229	0.448	13.1	70	0.8	345	46
28/04/24 09:15	11.384	16.022	27.406	0.406	13.4	68	1.2	37	31
28/04/24 09:20	10.130	16.670	26.800	0.397	13.7	67	1.2	308	39
28/04/24 09:25	11.013	16.991	28.004	0.475	13.8	69	1.4	273	20
28/04/24 09:30	16.530	20.000	36.530	0.573	13.7	71	2.1	272	11
28/04/24 09:35	28.614	18.691	47.305	0.559	13.5	72	1.7	276	12
28/04/24 09:40	29.517	19.126	48.643	0.622	13.9	71	2.2	268	16
28/04/24 09:45	31.813	26.176	57.988	0.639	13.7	71	1.9	275	17
28/04/24 09:50	33.089	26.112	59.201	0.600	13.9	69	1.0	354	32
28/04/24 09:55	35.120	24.778	59.899	0.660	14.8	64	1.4	21	29
28/04/24 10:00	33.324	23.292	56.616	0.803	15.6	60	1.5	11	25
28/04/24 10:05	23.209	19.320	42.529	0.935	16.1	57	2.1	3	23
28/04/24 10:10	16.611	18.040	34.651	1.048	16.5	56	1.4	350	37
28/04/24 10:15	12.941	17.778	30.719	1.031	16.5	56	1.6	348	28
28/04/24 10:20	10.759	17.687	28.445	1.017	16.7	55	2.1	359	20
28/04/24 10:25	9.964	15.683	25.647	0.985	17.1	54	2.1	5	19
28/04/24 10:30	9.654	14.686	24.340	0.916	17.6	52	1.4	10	26
28/04/24 10:35	8.654	14.259	22.914	0.786	17.8	52	2.1	12	18
28/04/24 10:40	7.751	12.508	20.259	0.835	18.4	50	1.8	19	25

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/04/24 10:45	7.135	11.147	18.283	0.854	18.6	50	1.9	24	24
28/04/24 10:50	6.573	10.668	17.241	0.828	18.8	50	1.7	317	35
28/04/24 10:55	4.637	5.536	10.174	0.810	18.6	48	1.9	315	29
28/04/24 11:00	1.833	3.983	5.816	0.645	18.8	49	1.7	339	33
28/04/24 11:05	1.357	4.772	6.129	0.652	19.1	48	1.6	326	29
28/04/24 11:10	1.344	4.974	6.318	0.661	19.2	47	1.6	323	24
28/04/24 11:15	1.435	5.038	6.473	0.686	19.5	48	1.2	355	45
28/04/24 11:20	1.494	5.262	6.756	0.558	19.7	46	1.5	315	23
28/04/24 11:25	1.662	5.503	7.166	0.557	19.6	47	1.2	318	36
28/04/24 11:30	1.924	5.708	7.632	0.504	19.9	47	1.4	38	41
28/04/24 11:35	1.738	5.326	7.065	0.477	20.3	46	0.9	338	60
28/04/24 11:40	1.637	5.383	7.020	0.356	20.0	47	1.3	279	24
28/04/24 11:45	1.707	5.820	7.527	0.395	20.0	49	1.6	256	19
28/04/24 11:50	1.667	5.769	7.435	0.358	19.8	47	1.4	303	35
28/04/24 11:55					20.5	45	1.5	310	36
28/04/24 12:00					20.9	44	1.7	344	35
28/04/24 12:05					21.4	42	3.2	17	18
28/04/24 12:10	1.309	5.922	7.231		21.4	42	3.3	8	22
28/04/24 12:15	1.110	4.520	5.630		21.5	42	2.9	15	23
28/04/24 12:20	1.074	4.159	5.233	0.479	21.4	42	3.8	2	20
28/04/24 12:25	1.650	5.394	7.044	0.564	21.6	42	2.2	12	35
28/04/24 12:30	2.221	8.348	10.569	0.801	21.8	41	2.4	7	27
28/04/24 12:35	2.413	8.188	10.601	0.669	22.0	41	3.2	30	21
28/04/24 12:40	2.277	4.185	6.463	0.784	22.0	41	3.1	26	23
28/04/24 12:45	2.283	5.085	7.368	0.842	22.0	41	2.2	4	38
28/04/24 12:50	1.994	5.459	7.453	0.836	22.2	41	2.8	12	25
28/04/24 12:55	1.808	4.729	6.537	0.587	22.1	41	2.2	1	38
28/04/24 13:00	1.649	4.445	6.094	0.486	22.1	40	3.5	12	18
28/04/24 13:05	1.419	4.226	5.645	0.307	22.0	40	3.4	30	23
28/04/24 13:10	1.333	4.127	5.460	0.264	22.1	40	3.0	17	25
28/04/24 13:15	1.170	4.227	5.396	0.312	22.2	40	2.9	24	25
28/04/24 13:20	1.058	4.336	5.394	0.438	22.4	40	2.9	33	23
28/04/24 13:25	1.057	4.382	5.440	0.609	22.4	39	2.9	2	27
28/04/24 13:30	1.166	4.402	5.568	0.597	22.5	38	3.2	355	31
28/04/24 13:35	1.210	4.366	5.576	0.592	22.5	39	2.4	322	36
28/04/24 13:40	1.270	4.588	5.858	0.416	22.6	38	2.1	344	38
28/04/24 13:45	1.337	4.677	6.014	0.380	22.8	37	3.5	349	31
28/04/24 13:50	1.181	4.558	5.739	0.346	22.5	38	3.1	327	31
28/04/24 13:55	1.228	4.664	5.892	0.303	22.6	37	2.7	352	39
28/04/24 14:00	1.169	4.570	5.739	0.413	22.8	37	3.0	344	32
28/04/24 14:05	1.129	4.600	5.729	0.259	22.8	38	3.0	316	28
28/04/24 14:10	1.111	4.844	5.955	0.340	22.8	37	3.0	348	29
28/04/24 14:15	1.104	4.798	5.902	0.406	22.9	37	3.7	350	35
28/04/24 14:20	1.022	4.607	5.629	0.501	22.9	37	3.1	343	29
28/04/24 14:25	1.104	4.784	5.888	0.413	22.9	38	2.8	333	30
28/04/24 14:30	1.111	5.101	6.212	0.360	22.9	38	1.8	321	34
28/04/24 14:35	1.013	5.099	6.112	0.117	23.1	38	2.3	354	26
28/04/24 14:40				0.207	23.0	39	1.4	314	32
28/04/24 14:45				0.330	22.8	39	1.9	319	36
28/04/24 14:50	1.013	5.901	6.914	0.606	22.8	39	2.4	321	21
28/04/24 14:55	1.049	6.218	7.267	0.829	22.6	39	1.9	326	29
28/04/24 15:00	1.045	6.282	7.327	0.983	22.6	39	1.4	327	39
28/04/24 15:05	1.118	6.417	7.535	1.103	22.8	39	2.0	330	26
28/04/24 15:10	1.279	6.747	8.026	1.335	23.1	38	2.5	340	33
28/04/24 15:15	1.261	6.370	7.631	1.216	23.3	36	3.0	348	28
28/04/24 15:20	1.119	5.907	7.025	0.900	23.5	36	2.5	353	37
28/04/24 15:25	1.069	5.772	6.840	0.632	23.6	36	2.7	359	27
28/04/24 15:30				0.503	23.6	36	3.6	19	21
28/04/24 15:35				0.410	23.5	36	3.4	4	25
28/04/24 15:40	1.027	4.863	5.890	0.443	23.4	37	3.3	5	25
28/04/24 15:45	1.087	4.917	6.004	0.542	23.5	37	3.7	5	19
28/04/24 15:50	1.047	4.917	5.964	0.482	23.4	37	3.1	5	21
28/04/24 15:55	1.005	4.981	5.986	0.290	23.4	38	2.5	349	33
28/04/24 16:00				0.510	23.4	38	1.9	315	30
28/04/24 16:05	1.103	6.346	7.449	0.814	23.6	38	2.5	329	25
28/04/24 16:10	1.248	6.265	7.513	0.826	23.6	38	1.9	358	35
28/04/24 16:15	1.250	6.178	7.428	0.621	23.6	38	1.9	359	35
28/04/24 16:20	1.258	6.276	7.534	0.467	23.7	38	1.5	320	36
28/04/24 16:25	1.254	7.040	8.295	0.448	23.7	36	3.2	320	22
28/04/24 16:30	1.098	7.108	8.205	0.308	23.5	36	3.4	300	20
28/04/24 16:35	0.846	6.760	7.606	0.573	23.5	36	3.5	303	17
28/04/24 16:40	0.719	6.750	7.470	0.622	23.3	37	3.3	302	14
28/04/24 16:45	0.666	6.714	7.380	0.405	23.2	37	3.7	302	21
28/04/24 16:50	0.619	6.647	7.265	0.452	23.2	38	2.1	304	27
28/04/24 16:55	0.611	7.983	8.594	0.688	23.1	38	1.7	317	27
28/04/24 17:00	0.566	9.268	9.833	0.769	23.2	38	2.7	303	20
28/04/24 17:05	0.527	8.719	9.245	0.630	23.0	37	4.2	305	12
28/04/24 17:10	0.440	7.725	8.165	0.414	22.9	37	3.3	309	17
28/04/24 17:15	0.359	7.475	7.834	0.473	22.8	38	2.9	302	16
28/04/24 17:20	0.301	7.350	7.651	0.239	22.6	39	2.3	297	14
28/04/24 17:25	0.247	6.970	7.216	0.101	22.3	40	1.9	296	13
28/04/24 17:30	0.114	6.906	7.020	0.137	22.3	41	1.8	291	17
28/04/24 17:35	0.091	7.199	7.290	0.359	22.1	41	1.8	293	19
28/04/24 17:40	0.081	7.574	7.655	0.477	22.0	42	1.7	287	17
28/04/24 17:45	0.173	7.986	8.160	0.600	21.7	42	2.0	293	15
28/04/24 17:50	0.279	8.353	8.631	0.456	21.5	44	1.6	293	13
28/04/24 17:55	0.314	8.582	8.896	0.417	21.4	44	1.5	291	15
28/04/24 18:00	0.285	8.995	9.280	0.315	21.2	44	1.5	296	09
28/04/24 18:05	0.289	9.371	9.660	0.288	21.1	44	1.4	299	10
28/04/24 18:10	0.325	10.251	10.575	0.319	21.1	43	1.2	306	06
28/04/24 18:15	0.356	11.779	12.135	0.109	21.1	43	1.1	314	10
28/04/24 18:20	0.494	21.213	21.707	0.144	20.6	45	0.8	357	23
28/04/24 18:25	0.490	21.808	22.297	0.025	20.5	45	0.7	11	27
28/04/24 18:30	2.136	32.249	34.385	0.064	20.4	45	0.7	349	22
28/04/24 18:35	2.096	30.312	32.409	0.277	20.4	46	0.8	1	26
28/04/24 18:40	15.125	41.132	56.257	0.546	20.2	46	0.8	328	28
28/04/24 18:45	16.807	41.787	58.594	0.960	20.3	46	1.0	311	22
28/04/24 18:50	17.209	42.189	59.399	1.153	20.3	46	1.5	305	08
28/04/24 18:55	16.600	42.206	58.806	1.166	20.3	46	1.5	305	05
28/04/24 19:00	14.757	38.441	53.198	0.877	20.4	47	1.6	287	11
28/04/24 19:05	8.052	33.639	41.691	0.637	20.0	54	1.6	287	11
28/04/24 19:10	4.952	36.201	41.153	0.659	19.6	54	1.9	291	13
28/04/24 19:15	3.325	28.258	31.583	0.599	19.6	51	1.8	300	12
28/04/24 19:20	4.343	28.214	32.557	0.649	19.7	49	1.2	334	21

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/04/24 19:25	13.053	40.607	53.660	0.523	19.3	50	1.3	6	09
28/04/24 19:30	33.833	41.173	75.006	0.549	19.2	50	1.3	357	12
28/04/24 19:35	39.846	42.882	82.728	0.866	19.3	50	0.9	346	20
28/04/24 19:40	42.734	42.234	84.968	1.079	19.4	49	0.9	342	24
28/04/24 19:45	45.065	42.649	87.714	1.321	19.4	50	1.0	351	24
28/04/24 19:50	40.319	44.154	84.473	1.294	19.3	51	1.1	354	19
28/04/24 19:55	25.783	42.068	67.851	1.219	19.1	51	1.1	348	18
28/04/24 20:00	14.450	40.632	55.082	0.831	19.2	50	1.0	346	29
28/04/24 20:05	14.867	40.918	55.786	1.030	19.2	50	0.9	335	35
28/04/24 20:10	14.246	40.788	55.033	0.973	19.0	51	0.6	351	30
28/04/24 20:15	15.241	39.344	54.585	0.986	18.9	51	0.7	353	28
28/04/24 20:20	10.475	42.650	53.125	1.025	18.7	51	1.0	351	21
28/04/24 20:25	6.001	40.652	46.653	0.915	18.7	51	0.8	355	23
28/04/24 20:30	7.346	39.259	46.604	0.936	18.6	52	1.0	8	17
28/04/24 20:35	8.554	38.758	47.312	0.880	18.3	53	1.0	13	15
28/04/24 20:40	8.180	38.067	46.246	0.702	18.2	52	1.1	3	27
28/04/24 20:45	6.401	36.201	42.602	0.789	18.3	51	1.2	353	24
28/04/24 20:50	3.766	34.274	38.040	0.923	18.4	51	1.3	0	21
28/04/24 20:55	2.773	33.816	36.589	0.956	18.2	52	1.1	1	26
28/04/24 21:00	2.824	33.130	35.954	0.824	18.1	51	1.7	353	19
28/04/24 21:05	2.138	32.757	34.895	0.965	18.1	51	1.8	357	18
28/04/24 21:10	1.936	33.410	35.346	0.874	18.1	52	1.6	3	21
28/04/24 21:15	2.215	34.153	36.368	0.845	18.0	52	1.4	347	25
28/04/24 21:20	2.530	34.527	37.057	0.837	18.1	52	1.4	357	32
28/04/24 21:25	2.343	33.898	36.241	0.618	17.9	52	1.3	355	28
28/04/24 21:30	2.039	32.794	34.832	0.659	17.9	52	2.0	357	21
28/04/24 21:35	1.772	31.708	33.480	0.716	17.9	51	1.3	353	31
28/04/24 21:40	1.464	30.487	31.951	0.766	17.8	52	1.1	343	32
28/04/24 21:45	1.249	29.572	30.821	0.502	17.8	52	1.2	344	33
28/04/24 21:50	1.121	29.255	30.376	0.546	17.6	52	1.2	355	30
28/04/24 21:55	1.116	29.383	30.500	0.464	17.5	53	1.8	360	23
28/04/24 22:00	1.351	29.689	31.040	0.501	17.4	53	0.8	330	46
28/04/24 22:05	1.762	30.246	32.008	0.612	17.2	54	1.4	355	28
28/04/24 22:10	2.007	30.186	32.193	0.769	17.3	54	1.4	340	32
28/04/24 22:15	1.908	28.991	30.900	0.669	17.3	53	1.4	324	28
28/04/24 22:20	1.637	27.663	29.301	0.497	17.4	53	1.5	336	28
28/04/24 22:25	1.369	27.084	28.453	0.474	17.3	53	1.5	352	27
28/04/24 22:30	1.205	26.644	27.849	0.543	17.2	53	1.7	358	26
28/04/24 22:35	1.108	26.252	27.360	0.402	17.1	54	1.7	358	21
28/04/24 22:40	1.121	26.333	27.455	0.401	17.0	54	1.9	341	27
28/04/24 22:45	1.123	26.492	27.615	0.378	16.9	54	1.9	337	18
28/04/24 22:50	1.151	26.804	27.955	0.448	16.8	55	2.1	345	25
28/04/24 22:55	1.193	27.386	28.579	0.474	16.6	55	1.8	347	23
28/04/24 23:00	1.206	27.968	29.174	0.311	16.5	56	1.9	356	21
28/04/24 23:05	1.264	28.383	29.647	0.651	16.5	56	2.0	355	23
28/04/24 23:10	1.478	28.700	30.177	0.690	16.3	56	2.1	358	19
28/04/24 23:15	1.655	28.966	30.620	0.654	16.2	57	1.6	357	29
28/04/24 23:20	1.821	29.216	31.038	0.530	16.1	56	2.1	1	16
28/04/24 23:25	2.005	29.544	31.550	0.487	16.1	56	1.8	358	26
28/04/24 23:30	2.304	30.054	32.358	0.599	16.1	57	1.8	354	25
28/04/24 23:35	2.607	30.190	32.798	0.799	16.1	56	1.5	347	24
28/04/24 23:40	2.442	29.770	32.213	0.831	16.2	55	2.0	360	22
28/04/24 23:45	2.033	28.396	30.429	0.764	16.3	54	1.9	356	20
28/04/24 23:50	1.541	25.901	27.442		16.5	53	1.4	342	25
28/04/24 23:55	1.175	19.496	20.671		16.7	53	1.7	354	26
29/04/24 00:00	0.899	17.413	18.313	0.604	16.7	52	1.5	357	31
29/04/24 00:05	0.634	17.397	18.032	0.614	16.7	52	1.8	358	25
29/04/24 00:10	0.459	17.137	17.596	0.682	16.7	51	1.1	336	41
29/04/24 00:15	0.437	16.247	16.684	0.694	16.9	50	1.9	353	22
29/04/24 00:20	0.370	15.402	15.772	0.826	17.0	49	2.0	354	20
29/04/24 00:25	0.342	14.675	15.017	0.760	17.0	49	1.3	341	33
29/04/24 00:30	0.354	13.929	14.283	0.669	16.9	49	1.2	346	36
29/04/24 00:35	0.328	13.145	13.473	0.513	17.0	48	1.8	355	24
29/04/24 00:40	0.306	12.752	13.058	0.442	17.0	47	2.0	356	21
29/04/24 00:45	0.309	12.140	12.449	0.409	17.0	47	1.4	359	24
29/04/24 00:50	0.227	11.508	11.734	0.257	16.9	46	1.6	358	20
29/04/24 00:55	0.140	10.723	10.863	0.231	17.1	45	1.2	10	29
29/04/24 01:00	0.199	10.072	10.271	0.234	17.1	45	1.6	2	25
29/04/24 01:05					17.2	44	1.5	11	28
29/04/24 01:10					17.2	44	1.2	15	39
29/04/24 01:15					17.2	44	2.0	3	26
29/04/24 01:20					17.2	43	2.1	360	23
29/04/24 01:25					17.2	43	2.0	355	22
29/04/24 01:30					17.1	43	1.9	358	22
29/04/24 01:35					17.1	44	1.5	347	26
29/04/24 01:40					17.0	44	1.7	343	27
29/04/24 01:45					17.0	44	1.8	357	26
29/04/24 01:50					16.8	44	2.0	359	24
29/04/24 01:55					16.9	44	1.8	352	24
29/04/24 02:00					16.9	45	1.7	353	27
29/04/24 02:05	0.183	9.499	9.682	0.225	16.8	45	1.7	5	24
29/04/24 02:10	0.093	9.382	9.475	0.350	16.8	44	1.7	355	21
29/04/24 02:15	0.205	8.986	9.191	0.406	16.8	44	1.3	5	23
29/04/24 02:20	0.340	8.514	8.855	0.281	16.8	44	1.1	359	40
29/04/24 02:25	0.325	8.209	8.533	0.423	17.0	43	1.8	358	23
29/04/24 02:30	0.298	8.025	8.323	0.577	17.1	43	1.8	353	24
29/04/24 02:35	0.182	7.986	8.168	0.519	17.1	42	1.8	3	23
29/04/24 02:40	0.067	7.929	7.996	0.497	17.2	42	2.0	7	17
29/04/24 02:45	-0.015	7.892	7.877	0.387	17.1	43	1.9	357	25
29/04/24 02:50	0.002	7.878	7.880	0.433	17.2	42	1.5	351	28
29/04/24 02:55	0.060	7.735	7.794	0.364	17.2	42	1.5	352	25
29/04/24 03:00	0.113	7.659	7.772	0.328	17.2	42	1.7	357	24
29/04/24 03:05	0.141	7.775	7.916	0.235	17.2	42	1.8	352	20
29/04/24 03:10	0.176	7.871	8.048	0.190	17.1	43	1.7	355	21
29/04/24 03:15	0.174	7.946	8.120	0.133	17.1	43	1.4	2	29
29/04/24 03:20	0.121	8.009	8.130	0.254	17.1	43	1.3	358	31
29/04/24 03:25	0.099	8.190	8.289	0.393	17.1	42	0.9	24	41
29/04/24 03:30	0.096	8.384	8.480	0.514	17.0	42	1.2	22	24
29/04/24 03:35	0.092	8.640	8.732	0.377	17.1	42	1.5	10	25
29/04/24 03:40	0.103	8.660	8.763	0.371	17.3	41	1.8	4	21
29/04/24 03:45	0.063	8.458	8.520	0.415	17.3	40	1.3	4	23
29/04/24 03:50	0.147	8.121	8.267	0.404	17.5	40	1.3	7	26
29/04/24 03:55	0.127	7.966	8.093	0.584	17.5	40	1.5	1	26
29/04/24 04:00	0.113	7.781	7.894	0.573	17.6	40	1.4	356	25

Station Pier Ambient Air Quality Monitoring

April 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/04/24 04:05	0.118	7.656	7.774	0.514	17.5	40	1.7	358	23
29/04/24 04:10	0.077	7.589	7.666	0.389	17.5	40	1.7	360	22
29/04/24 04:15	-0.013	7.739	7.726	0.484	17.5	41	1.6	3	24
29/04/24 04:20	-0.098	8.005	7.907	0.468	17.4	41	1.3	6	25
29/04/24 04:25	-0.007	8.330	8.323	0.368	17.2	41	1.0	352	32
29/04/24 04:30	-0.003	8.708	8.705	0.406	17.3	41	1.6	6	19
29/04/24 04:35	0.046	9.026	9.071	0.459	17.2	41	1.5	10	17
29/04/24 04:40	0.168	9.614	9.782	0.495	17.1	42	1.2	11	18
29/04/24 04:45	12.813	33.567	46.381	0.428	17.1	42	1.3	10	20
29/04/24 04:50	1.343	14.577	15.921	0.493	17.1	42	1.5	8	16
29/04/24 04:55	0.938	14.537	15.475	0.548	17.1	42	1.5	355	17
29/04/24 05:00	0.751	14.169	14.920	0.442	17.2	42	1.8	339	18
29/04/24 05:05	0.555	13.901	14.456	0.376	17.2	42	1.8	348	24
29/04/24 05:10	0.504	13.752	14.257	0.432	17.2	42	1.9	350	25
29/04/24 05:15	0.443	13.982	14.425	0.510	17.3	41	1.4	352	42
29/04/24 05:20	0.349	14.054	14.403	0.431	17.5	41	1.5	347	31
29/04/24 05:25	0.370	14.292	14.662	0.418	17.3	42	1.3	17	26
29/04/24 05:30	0.394	15.390	15.784	0.534	17.1	42	1.2	349	21
29/04/24 05:35	0.517	16.132	16.649	0.735	17.1	41	1.2	4	22
29/04/24 05:40	0.738	17.427	18.164	0.596	17.2	41	1.3	347	20
29/04/24 05:45	1.013	18.734	19.747	0.469	17.3	41	1.8	341	21
29/04/24 05:50	1.207	20.085	21.292	0.347	17.3	42	1.5	348	24
29/04/24 05:55	8.887	31.183	40.070	0.424	17.2	42	2.1	349	18
29/04/24 06:00	23.651	28.219	51.870	0.522	17.2	42	1.7	351	23
29/04/24 06:05	23.354	28.222	51.577	0.523	17.1	43	1.1	338	28
29/04/24 06:10	25.169	28.387	53.556	0.558	17.1	44	1.4	339	27
29/04/24 06:15	31.499	29.204	60.703	0.734	16.9	44	1.8	352	21
29/04/24 06:20	31.556	29.995	61.551	0.546	16.9	44	1.9	348	15
29/04/24 06:25	31.885	30.358	62.243	0.588	16.9	44	2.3	352	11
29/04/24 06:30	33.943	30.821	64.764	0.840	17.0	44	2.2	353	13
29/04/24 06:35	37.174	31.145	68.318	1.109	17.0	43	2.2	351	12
29/04/24 06:40	41.387	29.293	70.680	1.324	17.0	44	2.2	358	12
29/04/24 06:45	47.993	29.549	77.542	1.479	16.9	44	1.7	341	19
29/04/24 06:50	49.453	31.199	80.652	1.751	17.1	43	1.8	329	17
29/04/24 06:55	39.206	30.029	69.235	1.876	17.3	42	2.6	310	11
29/04/24 07:00	37.823	29.037	66.860	1.897	17.7	43	2.2	291	19
29/04/24 07:05	40.926	28.128	69.055	1.882	17.5	46	1.6	293	13
29/04/24 07:10	44.580	28.853	73.433	1.846	17.5	44	2.1	303	08
29/04/24 07:15	44.385	29.018	73.404	1.755	17.6	46	1.7	292	18
29/04/24 07:20	47.383	29.157	76.541	1.639	17.5	49	1.7	276	12
29/04/24 07:25	64.725	31.298	96.023	1.502	17.4	50	1.7	265	06
29/04/24 07:30	78.462	32.736	111.198	1.519	17.4	53	1.3	256	14
29/04/24 07:35	54.186	31.305	85.491	1.739	17.3	55	1.4	233	09
29/04/24 07:40	16.047	24.003	40.050	1.539	17.4	54	2.2	222	08
29/04/24 07:45	4.022	18.083	22.105	1.105	17.4	56	4.7	230	07
29/04/24 07:50	1.370	5.710	7.080	0.983	17.4	58	6.5	236	06
29/04/24 07:55	0.620	4.695	5.315	1.013	17.3	60	5.5	234	06
29/04/24 08:00	0.309	3.971	4.280	0.792	17.2	61	5.8	231	04
29/04/24 08:05	0.237	3.632	3.869	0.667	17.2	64	5.3	228	04
29/04/24 08:10	0.148	3.456	3.604	0.493	17.1	63	5.1	231	04
29/04/24 08:15	0.162	3.678	3.840	0.495	17.0	64	4.5	228	05
29/04/24 08:20	0.721	6.040	6.760	0.448	16.9	68	4.8	229	05
29/04/24 08:25	0.649	4.165	4.814	0.459	16.9	69	5.0	227	04
29/04/24 08:30	0.483	4.202	4.685	0.400	16.8	67	5.0	232	06
29/04/24 08:35	0.490	4.248	4.738	0.361	16.8	69	4.9	228	05
29/04/24 08:40	0.490	4.219	4.709	0.325	16.8	70	4.7	228	05
29/04/24 08:45	0.489	4.224	4.712	0.329	16.6	71	4.6	233	05
29/04/24 08:50	0.369	4.179	4.548	0.279	16.5	72	4.4	235	05
29/04/24 08:55	0.212	4.227	4.439	0.415	16.5	72	4.5	236	04
29/04/24 09:00	0.237	4.710	4.947	0.392	16.5	72	4.2	238	07
29/04/24 09:05	0.414	5.547	5.961	0.331	16.4	73	4.0	239	08
29/04/24 09:10	0.476	5.687	6.163	0.319	16.5	72	4.9	239	06
29/04/24 09:15	0.493	5.397	5.890	0.438	16.4	74	4.5	238	05
29/04/24 09:20	0.500	5.224	5.724	0.492	16.5	75	3.8	236	06
29/04/24 09:25	0.702	5.460	6.162	0.418	16.3	75	3.9	244	08
29/04/24 09:30	0.904	5.820	6.724	0.409	16.3	76	4.7	242	08
29/04/24 09:35	0.988	6.244	7.232	0.378	16.3	76	4.2	236	06
29/04/24 09:40	4.428	13.073	17.501	0.269	16.3	78	4.3	236	07
29/04/24 09:45	2.812	5.152	7.963	0.353	16.2	78	3.9	248	08
29/04/24 09:50	1.353	5.379	6.732	0.453	16.2	78	4.0	249	07
29/04/24 09:55	1.264	4.419	5.683	0.341	16.1	78	3.7	240	05
29/04/24 10:00	1.235	4.459	5.693	0.239	16.1	79	3.7	244	11
29/04/24 10:05	1.584	7.657	9.241	0.213	16.0	78	3.5	241	07
29/04/24 10:10	1.604	6.339	7.943	0.244	16.0	77	3.5	243	08
29/04/24 10:15	1.504	6.470	7.974	0.325	16.0	78	3.5	240	07
29/04/24 10:20	1.368	6.320	7.688	0.225	16.1	78	3.3	247	09
29/04/24 10:25	1.358	6.524	7.882	0.336	16.2	78	2.8	251	09
29/04/24 10:30	1.461	7.225	8.686	0.518	16.0	77	3.2	245	09
29/04/24 10:35	1.596	7.744	9.340	0.690	16.1	78	3.4	233	05
29/04/24 10:40	1.659	8.082	9.740	0.634	16.1	77	2.8	243	07
29/04/24 10:45	1.943	8.433	10.377	0.523	16.1	78	3.7	236	05
29/04/24 10:50	1.635	7.375	9.010	0.613	16.2	77	3.8	235	07
29/04/24 10:55	1.376	5.881	7.257	0.735	16.1	77	3.8	244	08
29/04/24 11:00	1.502	6.932	8.433	0.687	16.2	78	3.8	235	05
29/04/24 11:05	1.833	7.213	9.046	0.538	16.1	77	3.8	240	07
29/04/24 11:10	1.644	2.889	4.533	0.537	16.2	78	3.4	236	10
29/04/24 11:15	1.430	2.871	4.302	0.468	16.2	78	3.4	234	07
29/04/24 11:20	1.301	2.945	4.246	0.276	16.3	78	3.7	232	05
29/04/24 11:25	1.210	2.891	4.101	0.376	16.4	78	4.0	229	05
29/04/24 11:30	1.094	2.828	3.922	0.454	16.3	77	4.4	230	05
29/04/24 11:35	0.987	2.709	3.696	0.595	16.4	77	4.4	224	06
29/04/24 11:40	1.015	2.483	3.498	0.817	16.4	75	4.5	224	05
29/04/24 11:45	0.934	2.243	3.177	0.826	16.4	76	5.0	227	07
29/04/24 11:50	0.701	2.016	2.717	0.611	16.4	75	4.5	227	06
29/04/24 11:55	0.614	1.920	2.534	0.480	16.4	75	4.3	228	06
29/04/24 12:00	0.607	1.785	2.392	0.571	16.4	73	4.6	228	04
29/04/24 12:05	0.624	1.708	2.332	0.443	16.5	73	4.4	230	06
29/04/24 12:10	0.547	1.645	2.192	0.457	16.4	72	4.4	224	05
29/04/24 12:15	0.466	1.551	2.017	0.509	16.5	72	4.0	229	04
29/04/24 12:20	0.372	1.560	1.932	0.598	16.4	73	3.8	225	05
29/04/24 12:25	0.290	1.626	1.916	0.596	16.4	73	4.0	219	05
29/04/24 12:30	0.257	1.716	1.973	0.618	16.5	74	3.4	213	06
29/04/24 12:35	0.256	1.652	1.908	0.419	16.5	73	3.3	209	05
29/04/24 12:40	0.169	1.569	1.738	0.430	16.5	72	3.8	204	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/04/24 12:45	0.012	1.489	1.501	0.679	16.5	72	3.6	202	05
29/04/24 12:50	-0.057	1.507	1.450	0.540	16.6	72	3.8	205	04
29/04/24 12:55	0.103	2.011	2.113	0.524	16.6	71	4.1	199	05
29/04/24 13:00	0.267	2.341	2.608	0.394	16.6	70	3.2	196	07
29/04/24 13:05	0.199	2.212	2.411	0.474	16.7	71	2.7	193	09
29/04/24 13:10	0.178	2.328	2.506	0.500	16.9	70	2.6	193	11
29/04/24 13:15	0.991	3.675	4.666	0.415	16.8	70	3.0	194	09
29/04/24 13:20	0.813	1.699	2.511	0.491	16.8	67	3.0	184	15
29/04/24 13:25	0.480	1.208	1.688	0.532	16.8	63	2.8	184	13
29/04/24 13:30	0.460	1.213	1.673	0.342	16.8	62	2.7	184	12
29/04/24 13:35	0.563	1.425	1.989	0.184	16.9	63	2.4	177	18
29/04/24 13:40	0.487	1.331	1.818	0.241	16.9	63	2.4	181	16
29/04/24 13:45	0.376	1.026	1.402	0.289	16.9	64	2.8	183	13
29/04/24 13:50	0.324	0.874	1.197	0.499	16.8	63	2.9	188	12
29/04/24 13:55	0.811	0.990	1.801	0.503	16.8	64	3.1	190	10
29/04/24 14:00	0.895	1.634	2.528	0.386	16.7	66	3.5	191	12
29/04/24 14:05	0.619	1.672	2.291	0.474	16.7	68	4.1	192	10
29/04/24 14:10	0.416	1.619	2.035	0.606	16.5	75	5.6	192	08
29/04/24 14:15	0.367	1.335	1.702	0.406	16.3	74	5.3	194	09
29/04/24 14:20	0.466	1.206	1.673	0.403	16.2	73	5.1	193	09
29/04/24 14:25	0.532	0.919	1.451	0.338	16.1	74	5.3	195	08
29/04/24 14:30	0.481	0.616	1.097	0.350	16.0	74	4.9	189	09
29/04/24 14:35	0.412	0.518	0.929	0.315	16.0	73	5.4	192	10
29/04/24 14:40	0.407	0.492	0.899	0.182	16.1	72	4.8	188	11
29/04/24 14:45	0.336	0.475	0.810	0.345	16.1	71	4.8	190	11
29/04/24 14:50	0.331	0.486	0.818	0.474	16.2	69	4.8	190	11
29/04/24 14:55	0.257	0.544	0.801	0.406	16.2	69	4.8	190	10
29/04/24 15:00	0.253	0.533	0.786	0.307	16.1	68	4.7	192	09
29/04/24 15:05	0.180	0.621	0.801	0.287	16.1	67	4.5	193	09
29/04/24 15:10	0.158	0.726	0.884	0.365	16.1	66	4.9	193	10
29/04/24 15:15	0.235	0.663	0.898	0.288	16.2	66	4.8	191	09
29/04/24 15:20	0.215	0.496	0.710	0.220	16.2	67	4.4	189	09
29/04/24 15:25	0.172	0.413	0.585	0.282	16.2	68	4.4	189	12
29/04/24 15:30	0.160	0.432	0.591	0.148	16.2	64	5.2	194	08
29/04/24 15:35	0.069	0.446	0.515	0.213	16.2	65	4.7	193	10
29/04/24 15:40	0.012	0.410	0.422	0.260	16.1	66	5.0	193	08
29/04/24 15:45	0.091	0.437	0.529	0.469	16.1	67	5.8	197	08
29/04/24 15:50	0.136	0.416	0.552	0.291	16.0	67	5.9	197	07
29/04/24 15:55	0.106	0.400	0.506	0.201	16.1	68	6.0	198	06
29/04/24 16:00	0.129	0.456	0.584	0.163	16.0	70	5.8	197	08
29/04/24 16:05	0.201	0.392	0.593	0.232	16.0	69	4.6	194	11
29/04/24 16:10	0.196	0.314	0.509	0.375	16.0	67	5.2	194	07
29/04/24 16:15	0.126	0.384	0.510	0.490	16.0	64	4.9	195	08
29/04/24 16:20	0.210	0.429	0.639	0.476	15.9	62	4.8	192	08
29/04/24 16:25	0.235	0.405	0.640	0.462	16.0	63	4.4	189	10
29/04/24 16:30	0.188	0.397	0.585	0.423	16.0	64	4.1	190	09
29/04/24 16:35	0.208	0.451	0.658	0.375	16.0	64	4.6	193	09
29/04/24 16:40	0.145	0.431	0.576	0.404	15.9	65	4.5	195	08
29/04/24 16:45	0.123	0.418	0.541	0.275	15.9	66	6.0	198	06
29/04/24 16:50	0.154	0.392	0.546	0.186	15.9	63	5.4	194	08
29/04/24 16:55	0.098	0.410	0.508	0.171	15.9	64	4.7	192	09
29/04/24 17:00	0.114	0.435	0.549	0.241	15.9	65	4.7	188	09
29/04/24 17:05	0.100	0.464	0.564	0.351	16.0	63	4.7	192	08
29/04/24 17:10	0.096	0.444	0.540	0.533	16.0	64	4.2	186	10
29/04/24 17:15	0.144	0.404	0.547	0.454	15.9	65	5.3	197	07
29/04/24 17:20	0.178	0.446	0.624	0.453	15.8	64	5.1	196	08
29/04/24 17:25	0.066	0.420	0.486	0.272	15.8	63	4.8	192	10
29/04/24 17:30	0.018	0.433	0.452	0.261	15.7	62	3.0	182	17
29/04/24 17:35	-0.034	0.467	0.433	0.181	15.7	62	3.3	181	13
29/04/24 17:40	0.039	0.457	0.497	0.121	15.9	62	3.6	186	12
29/04/24 17:45	0.183	0.602	0.785	0.439	15.9	61	4.2	185	11
29/04/24 17:50	0.281	0.574	0.855	0.343	15.9	61	4.3	193	10
29/04/24 17:55	0.303	0.500	0.803	0.145	15.9	61	4.9	192	08
29/04/24 18:00	0.222	0.436	0.658	0.257	15.9	60	4.7	193	07
29/04/24 18:05	0.226	0.673	0.899	0.281	15.9	61	4.7	189	09
29/04/24 18:10	0.521	2.413	2.933	0.111	15.8	58	4.7	191	09
29/04/24 18:15	0.764	2.091	2.855	0.177	15.8	57	5.1	195	08
29/04/24 18:20	0.570	0.442	1.011	-0.001	15.9	58	4.2	191	10
29/04/24 18:25	0.485	1.859	2.344	-0.092	15.8	58	4.3	190	09
29/04/24 18:30	0.776	10.650	11.425	0.045	15.8	58	4.5	193	08
29/04/24 18:35	0.941	6.960	7.901	0.310	15.8	57	4.6	189	09
29/04/24 18:40	1.039	6.237	7.277	0.428	15.9	57	4.2	191	10
29/04/24 18:45	0.895	1.167	2.063	0.466	15.8	59	4.5	194	09
29/04/24 18:50	0.774	0.791	1.565	0.445	15.8	57	4.5	191	09
29/04/24 18:55	0.629	0.224	0.853	0.389	15.8	58	4.6	194	07
29/04/24 19:00	0.476	0.297	0.773	0.442	15.8	60	4.1	189	11
29/04/24 19:05	0.285	0.640	0.925	0.436	15.8	61	4.8	188	09
29/04/24 19:10	0.166	0.611	0.777	0.403	15.8	62	4.7	190	08
29/04/24 19:15	-0.003	0.531	0.528	0.296	15.7	61	4.8	191	08
29/04/24 19:20	-0.026	0.442	0.417	0.105	15.8	62	5.5	197	07
29/04/24 19:25	0.058	0.366	0.424	0.013	15.8	61	5.8	196	07
29/04/24 19:30	0.105	0.331	0.436	0.042	15.8	58	5.3	194	07
29/04/24 19:35	0.026	0.309	0.335	0.083	15.8	61	4.9	196	09
29/04/24 19:40	-0.059	0.346	0.287	0.157	15.8	62	5.3	195	08
29/04/24 19:45	0.010	0.671	0.681	0.072	15.8	61	5.3	193	07
29/04/24 19:50	0.145	1.409	1.554	0.136	15.7	59	4.6	191	10
29/04/24 19:55	0.284	2.155	2.439	0.293	15.7	62	4.1	192	10
29/04/24 20:00	0.249	2.173	2.422	0.154	15.7	62	4.6	190	08
29/04/24 20:05	0.165	2.031	2.197	0.310	15.7	62	4.7	188	10
29/04/24 20:10	0.091	2.335	2.426	0.339	15.7	63	5.0	188	10
29/04/24 20:15	0.058	1.981	2.039	0.281	15.7	61	5.5	196	08
29/04/24 20:20	0.040	1.535	1.575	0.276	15.8	59	6.6	201	06
29/04/24 20:25	0.038	1.324	1.363	0.145	15.8	59	6.3	200	07
29/04/24 20:30	0.126	1.118	1.244	0.047	15.8	59	4.7	195	08
29/04/24 20:35	0.122	1.025	1.148	0.112	15.8	57	4.6	191	10
29/04/24 20:40	0.047	0.894	0.942	-0.055	15.7	59	5.3	198	07
29/04/24 20:45	0.331	2.135	2.466	0.092	15.8	58	5.3	198	09
29/04/24 20:50	0.977	2.637	3.614	0.369	15.8	59	5.6	199	05
29/04/24 20:55	0.829	0.258	1.086	0.402	15.7	59	4.4	193	09
29/04/24 21:00	0.599	0.052	0.651	0.308	15.7	59	4.8	196	08
29/04/24 21:05	0.453	0.149	0.602	0.211	15.6	59	4.9	191	08
29/04/24 21:10	0.081	0.354	0.435	0.292	15.6	59	4.5	192	08
29/04/24 21:15	0.066	0.571	0.637	0.215	15.6	60	4.3	191	09
29/04/24 21:20	0.147	0.562	0.709	0.441	15.7	67	5.4	195	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/04/24 21:25	0.170	0.585	0.755	0.385	15.5	67	5.9	194	08
29/04/24 21:30	0.109	0.591	0.700	0.293	15.4	67	5.6	193	09
29/04/24 21:35	0.139	0.514	0.653	0.238	15.4	63	5.5	189	08
29/04/24 21:40	0.181	0.462	0.643	0.381	15.4	64	5.1	193	10
29/04/24 21:45	0.064	0.476	0.539	0.440	15.4	63	5.0	188	09
29/04/24 21:50	0.051	0.562	0.613	0.550	15.3	64	4.6	187	10
29/04/24 21:55	0.036	0.912	0.948	0.495	15.4	65	4.7	187	12
29/04/24 22:00	0.075	1.450	1.525	0.343	15.4	66	4.1	185	14
29/04/24 22:05	0.201	1.544	1.746	0.233	15.4	63	5.1	193	08
29/04/24 22:10	0.181	1.351	1.532	0.321	15.4	65	4.5	193	12
29/04/24 22:15	0.149	1.164	1.312	0.538	15.3	65	4.8	193	09
29/04/24 22:20	0.067	0.976	1.043	0.370	15.3	64	5.0	195	09
29/04/24 22:25	-0.009	0.862	0.853	0.325	15.3	64	4.8	194	10
29/04/24 22:30	0.015	0.680	0.695	0.271	15.2	62	4.7	191	08
29/04/24 22:35	0.118	0.629	0.747	0.304	15.2	64	5.0	187	10
29/04/24 22:40	0.165	0.497	0.662	0.201	15.2	62	4.6	187	08
29/04/24 22:45	0.220	0.419	0.639	0.314	15.2	63	4.5	190	09
29/04/24 22:50	0.216	0.477	0.694	0.251	15.2	63	3.9	183	13
29/04/24 22:55	0.272	0.626	0.898	0.172	15.2	65	3.8	185	11
29/04/24 23:00	0.183	0.805	0.988	0.323	15.3	66	3.9	184	12
29/04/24 23:05	0.140	0.841	0.981	0.354	15.1	67	4.0	182	17
29/04/24 23:10	0.042	0.780	0.822	0.297	15.0	67	5.4	188	10
29/04/24 23:15	-0.047	0.675	0.628	0.342	14.8	64	4.9	191	10
29/04/24 23:20	-0.200	0.587	0.387	0.346	14.8	62	5.9	190	09
29/04/24 23:25	-0.283	0.546	0.263	0.284	14.7	63	5.3	189	09
29/04/24 23:30	-0.198	0.443	0.245	0.370	14.8	63	4.5	186	12
29/04/24 23:35	-0.183	0.469	0.286	0.425	14.8	65	3.7	181	15
29/04/24 23:40	-0.123	0.476	0.353	0.237	14.8	65	3.8	186	11
29/04/24 23:45	-0.074	0.512	0.438	0.179	14.9	63	3.8	185	14
29/04/24 23:50	-0.078	0.599	0.520		15.0	59	3.7	182	13
29/04/24 23:55	-0.072	0.501	0.429		15.1	58	3.9	186	11
30/04/24 00:00	-0.191	0.607	0.415	0.313	15.0	60	3.5	187	15
30/04/24 00:05	-0.128	0.638	0.510	0.086	15.1	58	3.1	185	13
30/04/24 00:10	-0.063	0.620	0.556	0.108	15.1	61	3.2	175	17
30/04/24 00:15	-0.039	0.632	0.593	0.173	15.2	59	3.9	183	14
30/04/24 00:20	0.001	0.557	0.559	0.082	15.1	58	3.7	183	13
30/04/24 00:25	0.096	0.517	0.613	0.206	15.1	61	2.9	175	27
30/04/24 00:30	0.020	0.489	0.509	0.114	15.1	60	2.9	172	23
30/04/24 00:35	-0.058	0.480	0.422	0.225	15.0	60	2.4	166	28
30/04/24 00:40	-0.106	0.502	0.396	0.307	14.9	66	2.6	135	21
30/04/24 00:45	-0.151	0.539	0.388	0.170	14.7	68	2.8	123	16
30/04/24 00:50	-0.107	0.564	0.457	0.113	14.4	69	2.9	116	14
30/04/24 00:55	-0.059	0.682	0.623	0.062	14.3	70	4.3	110	07
30/04/24 01:00	-0.062	0.920	0.858	0.008	14.0	70	4.2	103	07
30/04/24 01:05					13.7	71	4.1	105	07
30/04/24 01:10					13.5	73	4.1	108	07
30/04/24 01:15					13.7	74	4.4	111	08
30/04/24 01:20					13.7	75	3.6	113	10
30/04/24 01:25					13.6	74	3.3	116	10
30/04/24 01:30					13.7	74	3.4	114	09
30/04/24 01:35					13.6	74	3.2	105	09
30/04/24 01:40					13.3	72	3.5	105	06
30/04/24 01:45					13.1	74	3.4	108	08
30/04/24 01:50					13.4	76	2.9	109	09
30/04/24 01:55					13.4	74	2.6	109	12
30/04/24 02:00					13.4	72	2.9	105	10
30/04/24 02:05	-0.024	1.742	1.718	0.299	13.2	71	3.0	103	07
30/04/24 02:10	0.006	2.061	2.067	0.231	13.1	71	2.4	103	07
30/04/24 02:15	-0.045	2.221	2.176	0.084	13.2	72	2.6	107	06
30/04/24 02:20	-0.026	2.351	2.325	0.146	13.3	73	2.3	108	10
30/04/24 02:25	-0.034	2.413	2.380	0.328	13.4	73	2.7	110	11
30/04/24 02:30	-0.064	2.470	2.406	0.265	13.5	72	2.8	113	14
30/04/24 02:35	-0.258	2.533	2.275	0.251	13.7	72	3.3	116	10
30/04/24 02:40	-0.149	2.354	2.205	0.131	13.8	71	3.1	115	12
30/04/24 02:45	-0.086	2.282	2.196	0.141	13.7	70	3.9	109	09
30/04/24 02:50	-0.094	2.358	2.264	0.261	13.6	70	3.2	105	08
30/04/24 02:55	-0.119	2.434	2.315	0.233	13.5	71	3.7	105	06
30/04/24 03:00	-0.066	2.410	2.343	0.114	13.5	70	3.8	105	06
30/04/24 03:05	-0.072	2.304	2.232	0.202	13.6	71	3.4	107	06
30/04/24 03:10	-0.047	2.200	2.153	0.150	13.6	72	3.7	111	06
30/04/24 03:15	0.024	1.985	2.009	0.199	13.8	71	2.5	115	13
30/04/24 03:20	0.078	1.994	2.072	0.102	13.8	71	3.1	114	09
30/04/24 03:25	0.162	2.059	2.221	0.162	13.8	70	3.3	114	11
30/04/24 03:30	0.105	2.110	2.215	0.026	13.7	71	2.8	112	11
30/04/24 03:35	0.042	2.118	2.160	-0.044	13.8	70	2.1	130	21
30/04/24 03:40	0.064	2.047	2.112	0.147	13.9	68	2.3	135	24
30/04/24 03:45	0.109	1.904	2.013	0.289	14.0	68	2.2	134	22
30/04/24 03:50	-0.001	2.024	2.023	0.293	13.9	69	2.4	132	22
30/04/24 03:55	0.096	2.473	2.569	0.307	14.1	64	2.8	179	16
30/04/24 04:00	0.174	3.394	3.568	0.312	14.3	64	2.2	114	20
30/04/24 04:05	0.139	3.600	3.739	0.237	13.8	68	2.4	114	15
30/04/24 04:10	0.039	3.759	3.798	0.244	13.8	68	3.3	105	09
30/04/24 04:15	-0.023	4.069	4.046	0.325	13.4	66	3.1	99	08
30/04/24 04:20	-0.146	4.290	4.144	0.318	13.5	69	2.9	114	14
30/04/24 04:25	-0.053	4.126	4.073	0.102	13.7	66	2.8	115	12
30/04/24 04:30	0.020	3.776	3.796	0.211	13.9	65	3.2	119	11
30/04/24 04:35	0.016	3.305	3.321	0.226	14.2	64	2.8	130	24
30/04/24 04:40	0.149	3.278	3.427	0.241	14.0	67	3.5	110	07
30/04/24 04:45	0.040	3.500	3.540	0.215	13.9	68	3.8	110	07
30/04/24 04:50	-0.007	3.420	3.413	0.156	13.9	65	2.9	141	27
30/04/24 04:55	-0.076	2.863	2.788	0.169	14.3	59	3.0	172	20
30/04/24 05:00	0.024	2.197	2.221	0.248	14.5	56	2.9	170	21
30/04/24 05:05	0.034	1.774	1.809	0.121	14.6	56	3.7	180	17
30/04/24 05:10	0.070	1.391	1.461	-0.031	14.7	55	3.5	179	22
30/04/24 05:15	0.046	1.113	1.159	0.061	14.7	54	2.5	172	23
30/04/24 05:20	0.006	0.999	1.005	0.101	14.7	55	2.5	155	26
30/04/24 05:25	0.045	1.196	1.242	-0.100	14.4	60	2.7	112	19
30/04/24 05:30	-0.031	1.846	1.815	-0.175	14.0	60	3.7	109	07
30/04/24 05:35	-0.079	2.347	2.267	-0.091	14.0	64	2.7	129	16
30/04/24 05:40	0.034	2.775	2.809	-0.138	13.9	66	2.2	139	23
30/04/24 05:45	0.701	3.487	4.187	0.031	14.1	66	3.1	163	28
30/04/24 05:50	0.739	0.968	1.707	0.128	14.4	65	3.7	176	15
30/04/24 05:55	0.518	0.472	0.991	0.072	14.5	67	4.3	183	14
30/04/24 06:00	0.330	0.564	0.894	0.120	14.4	66	3.7	183	14

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/04/24 06:05	0.231	0.541	0.773	-0.004	14.4	65	3.8	181	12
30/04/24 06:10	0.107	0.588	0.696	0.125	14.5	70	4.1	178	16
30/04/24 06:15	0.088	0.625	0.712	0.092	14.3	72	3.7	179	17
30/04/24 06:20	0.046	0.600	0.645	0.033	14.3	70	4.2	180	17
30/04/24 06:25	0.026	0.623	0.649	0.057	14.4	70	4.1	178	20
30/04/24 06:30	-0.030	0.585	0.555	0.208	14.3	69	3.0	164	28
30/04/24 06:35	0.002	0.466	0.468	0.256	14.2	71	6.6	141	12
30/04/24 06:40	0.089	0.509	0.598	0.178	14.0	68	6.9	139	09
30/04/24 06:45	-0.006	0.567	0.562	0.400	13.9	68	5.8	135	13
30/04/24 06:50	-0.202	0.656	0.454	0.425	13.9	68	4.0	129	18
30/04/24 06:55	-0.204	0.760	0.556	0.347	13.8	67	3.4	125	16
30/04/24 07:00	0.023	0.975	0.998	0.443	13.7	68	4.2	118	11
30/04/24 07:05	0.053	1.286	1.339	0.468	13.7	70	3.9	117	09
30/04/24 07:10	-0.017	1.681	1.664	0.323	13.7	69	3.0	123	15
30/04/24 07:15	0.085	1.950	2.034	0.297	13.6	69	2.9	117	18
30/04/24 07:20	0.130	2.409	2.540	0.282	13.6	70	2.8	124	16
30/04/24 07:25	0.118	2.813	2.931	0.446	13.6	70	3.0	120	17
30/04/24 07:30	0.170	3.194	3.363	0.484	13.6	71	3.5	124	17
30/04/24 07:35	0.177	3.286	3.462	0.265	13.6	72	4.9	132	14
30/04/24 07:40	0.167	3.077	3.244	0.226	13.6	74	4.9	134	13
30/04/24 07:45	0.159	2.816	2.975	0.159	13.4	73	4.8	141	17
30/04/24 07:50	0.245	2.361	2.606	0.251	13.4	76	4.3	174	22
30/04/24 07:55	0.643	2.145	2.788	0.238	13.2	78	5.9	187	12
30/04/24 08:00	39.301	23.772	63.074	0.344	13.0	78	5.0	189	11
30/04/24 08:05	50.060	26.465	76.525	0.384	13.1	79	4.4	192	12
30/04/24 08:10	32.077	14.792	46.869	0.319	13.1	78	4.0	188	11
30/04/24 08:15	3.677	3.032	6.709	0.266	13.3	78	2.6	169	22
30/04/24 08:20	0.500	1.111	1.611	0.283	13.5	77	3.3	145	19
30/04/24 08:25	0.408	0.854	1.262	0.442	13.6	78	2.7	130	24
30/04/24 08:30	0.499	1.705	2.204	0.371	13.5	77	3.0	116	14
30/04/24 08:35	0.753	2.902	3.655	0.465	13.8	77	2.8	121	13
30/04/24 08:40	0.903	3.803	4.706	0.751	14.0	75	2.1	126	17
30/04/24 08:45	0.881	4.171	5.052	1.475	14.3	75	2.1	119	17
30/04/24 08:50	0.967	4.462	5.430	1.600	14.2	73	2.9	131	16
30/04/24 08:55	1.015	4.066	5.082	1.285	13.9	72	3.5	130	16
30/04/24 09:00	1.028	3.860	4.888	1.265	13.8	74	3.3	115	10
30/04/24 09:05	1.878	4.939	6.817	1.263	13.9	73	2.7	119	17
30/04/24 09:10	2.174	5.505	7.679	1.071	13.9	73	2.6	120	14
30/04/24 09:15	2.030	6.235	8.264	1.068	14.0	72	3.0	126	16
30/04/24 09:20	2.207	6.477	8.684	1.149	13.8	72	2.9	129	14
30/04/24 09:25	2.253	6.532	8.785	1.245	13.7	73	3.2	136	12
30/04/24 09:30	2.150	6.456	8.605	1.325	13.8	72	3.1	133	14
30/04/24 09:35	2.232	6.468	8.700	1.638	13.8	71	2.4	130	12
30/04/24 09:40	2.166	5.960	8.126	1.927	14.1	70	3.1	134	12
30/04/24 09:45	2.093	6.000	8.093	1.522	14.0	70	3.0	137	11
30/04/24 09:50	2.399	6.220	8.620	1.292	14.1	70	2.6	136	16
30/04/24 09:55	2.484	6.170	8.654	1.008	14.1	71	2.2	129	16
30/04/24 10:00	2.183	5.821	8.004	0.865	14.2	69	2.7	145	18
30/04/24 10:05	2.120	5.411	7.531	0.742	14.4	69	2.5	135	17
30/04/24 10:10	2.216	5.419	7.636	0.777	14.6	67	2.1	128	18
30/04/24 10:15	2.135	5.077	7.212	0.793	14.8	66	2.3	133	17
30/04/24 10:20	1.982	4.866	6.848	0.723	14.8	66	2.1	148	22
30/04/24 10:25	1.778	4.786	6.564	0.682	14.9	67	1.7	152	28
30/04/24 10:30	1.654	4.466	6.121	0.632	15.1	66	1.6	151	33
30/04/24 10:35	1.534	3.994	5.528	0.629	15.6	64	2.6	148	25
30/04/24 10:40	1.354	3.501	4.856	0.514	15.5	63	2.9	139	18
30/04/24 10:45	1.116	3.318	4.434	0.573	15.3	65	2.2	155	27
30/04/24 10:50	0.957	3.111	4.068	0.586	15.0	65	2.7	156	28
30/04/24 10:55	0.756	2.886	3.641	0.458	15.0	68	2.9	174	22
30/04/24 11:00	0.519	2.605	3.124	0.436	14.9	69	2.5	162	27
30/04/24 11:05	0.390	2.261	2.651	0.426	14.5	71	2.5	161	24
30/04/24 11:10	0.312	1.992	2.304	0.427	14.4	74	2.8	171	24
30/04/24 11:15	0.314	1.863	2.177	0.412	14.1	76	3.2	175	19
30/04/24 11:20	0.353	1.730	2.083	0.181	13.9	76	2.6	155	26
30/04/24 11:25	0.363	1.626	1.989	0.403	13.7	77	2.5	147	25
30/04/24 11:30	0.379	1.575	1.954	0.492	13.5	78	2.6	147	17
30/04/24 11:35	0.404	1.555	1.959	0.745	13.6	77	2.3	145	20
30/04/24 11:40	0.544	1.690	2.234	0.718	13.8	75	2.4	139	16
30/04/24 11:45	0.564	1.786	2.350	0.668	14.3	74	2.1	145	17
30/04/24 11:50	0.482	1.815	2.297	0.707	14.4	73	1.9	147	22
30/04/24 11:55	0.676	1.950	2.626	0.400	14.4	73	3.0	141	14
30/04/24 12:00	0.711	2.062	2.772	0.252	14.3	74	3.4	140	15
30/04/24 12:05	1.037	2.329	3.367	0.094	14.3	72	4.6	137	10
30/04/24 12:10	1.473	2.606	4.079	0.082	14.3	71	4.7	140	09
30/04/24 12:15	1.389	2.010	3.399	0.183	14.4	71	3.4	136	12
30/04/24 12:20	1.053	1.278	2.331	0.183	14.6	71	3.2	137	12
30/04/24 12:25	1.018	1.502	2.521	0.214	14.6	70	3.0	133	12
30/04/24 12:30	1.023	1.630	2.653	0.083	14.8	70	2.5	132	16
30/04/24 12:35	0.874	1.783	2.657	0.087	14.8	70	2.6	139	16
30/04/24 12:40	0.764	1.935	2.699	0.393	14.7	72	1.8	155	26
30/04/24 12:45	0.754	1.970	2.724	0.565	14.7	72	1.5	145	23
30/04/24 12:50	0.663	2.074	2.737	0.517	14.9	71	1.7	169	27
30/04/24 12:55	0.633	2.196	2.829	0.478	15.1	69	1.7	152	28
30/04/24 13:00	0.575	2.010	2.585	0.579	15.1	67	2.6	139	21
30/04/24 13:05	0.601	1.896	2.496	0.716	15.0	67	2.2	121	21
30/04/24 13:10	0.517	1.863	2.380	0.852	15.0	68	3.2	129	16
30/04/24 13:15	0.577	1.932	2.509	0.975	14.6	68	3.6	136	13
30/04/24 13:20	0.582	1.752	2.333	0.914	14.6	69	2.7	130	16
30/04/24 13:25	0.677	1.923	2.600	0.801	14.9	68	2.7	132	14
30/04/24 13:30	0.764	2.215	2.979	0.841	14.8	68	3.0	140	14
30/04/24 13:35	0.694	2.528	3.222	0.889	14.9	69	2.6	134	17
30/04/24 13:40	0.763	2.902	3.665	0.968	15.0	68	2.9	138	17
30/04/24 13:45	0.894	3.217	4.110	1.070	15.1	68	2.5	127	17
30/04/24 13:50	1.274	3.618	4.892	0.921	15.1	66	2.8	132	14
30/04/24 13:55	1.476	3.616	5.092	0.912	15.2	65	3.7	139	11
30/04/24 14:00	1.341	3.256	4.597	0.854	15.6	62	3.2	142	13
30/04/24 14:05	1.054	2.964	4.018	0.695	15.9	62	1.9	153	24
30/04/24 14:10	0.981	2.757	3.738	0.778	15.9	61	2.5	146	16
30/04/24 14:15	1.007	2.761	3.768	0.741	15.7	60	2.4	135	16
30/04/24 14:20	1.108	2.752	3.861	0.730	15.8	62	1.6	154	25
30/04/24 14:25	1.025	2.676	3.701	0.491	15.8	64	1.6	164	26
30/04/24 14:30	0.858	2.455	3.313	0.468	15.8	65	2.9	179	22
30/04/24 14:35	0.699	2.076	2.775	0.516	15.6	71	4.0	181	14
30/04/24 14:40	0.506	1.777	2.283	0.463	15.4	70	3.9	184	13

Station Pier Ambient Air Quality Monitoring									
April 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/04/24 14:45	0.498	1.616	2.114	0.186	15.4	68	3.8	182	15
30/04/24 14:50	0.382	1.492	1.873	0.167	15.6	68	3.2	171	21
30/04/24 14:55	0.292	1.277	1.569	0.033	15.7	65	3.3	179	18
30/04/24 15:00	0.189	1.108	1.298	0.398	15.9	65	3.6	182	13
30/04/24 15:05	0.588	1.641	2.229	0.492	15.8	65	4.5	188	12
30/04/24 15:10	2.151	4.813	6.964	0.442	15.9	65	4.5	188	10
30/04/24 15:15	1.951	2.079	4.030	0.437	15.9	67	3.6	183	14
30/04/24 15:20	7.872	7.766	15.638	0.524	16.1	67	3.9	190	11
30/04/24 15:25	17.582	15.139	32.721	0.437	16.2	66	3.5	190	11
30/04/24 15:30	6.821	9.171	15.992	0.484	16.5	65	2.8	191	13
30/04/24 15:35	6.342	8.636	14.977	0.518	16.6	65	2.8	192	10
30/04/24 15:40	4.126	4.521	8.646	0.400	16.2	68	3.7	198	11
30/04/24 15:45	1.156	2.417	3.572	0.189	15.6	70	3.6	193	07
30/04/24 15:50	2.783	8.813	11.596	0.122	15.6	72	3.6	197	11
30/04/24 15:55	3.145	4.712	7.857	0.040	15.5	73	5.1	196	07
30/04/24 16:00	1.012	1.551	2.563	0.313	15.3	75	4.6	197	07
30/04/24 16:05	3.119	10.017	13.137	0.310	15.3	75	3.5	193	11
30/04/24 16:10	4.523	8.589	13.112	0.200	15.4	73	3.5	190	12
30/04/24 16:15	6.251	11.284	17.535	0.236	15.4	73	4.7	192	08
30/04/24 16:20	6.693	8.822	15.515	0.188	15.3	76	4.2	187	09
30/04/24 16:25	5.053	5.957	11.010	0.194	15.2	76	4.0	185	24
30/04/24 16:30	0.988	1.125	2.113	0.135	15.2	72	2.4	151	21
30/04/24 16:35	0.523	1.784	2.307	0.204	15.2	72	2.4	170	19
30/04/24 16:40	0.414	1.875	2.289	0.137	15.3	78	3.3	181	13
30/04/24 16:45	0.714	1.949	2.663	0.211	15.3	77	4.7	187	12
30/04/24 16:50	0.928	2.083	3.011	0.286	15.3	77	4.2	183	11
30/04/24 16:55	1.637	3.592	5.229	0.363	15.3	76	4.8	184	11
30/04/24 17:00	2.602	6.725	9.326	0.519	15.4	75	4.3	187	10
30/04/24 17:05	2.670	1.252	3.922	0.647	15.3	76	4.1	184	14
30/04/24 17:10	1.564	0.949	2.513	0.521	15.4	77	3.9	187	12
30/04/24 17:15	1.213	1.258	2.470	0.412	15.4	76	3.6	180	16
30/04/24 17:20	0.761	1.058	1.818	0.267	15.4	76	3.3	181	14
30/04/24 17:25	0.507	1.175	1.681	0.032	15.3	76	3.5	176	13
30/04/24 17:30	0.439	1.222	1.660	0.016	15.3	74	3.7	179	15
30/04/24 17:35	0.684	1.735	2.419	-0.027	14.9	76	3.4	182	15
30/04/24 17:40	2.203	6.382	8.585	0.012	15.0	82	5.7	186	10
30/04/24 17:45	0.468	1.810	2.278	0.095	14.7	84	4.7	179	16
30/04/24 17:50	0.239	1.107	1.346	0.022	14.4	85	3.5	170	21
30/04/24 17:55	0.349	0.878	1.227	0.050	14.3	86	3.3	176	19
30/04/24 18:00	0.398	0.802	1.200	0.197	14.0	87	2.4	174	25
30/04/24 18:05	0.382	0.758	1.140	0.317	13.9	86	2.3	168	21
30/04/24 18:10	0.279	0.748	1.028	0.246	14.0	85	1.8	155	30
30/04/24 18:15	0.153	0.668	0.820	0.166	14.1	83	1.7	175	24
30/04/24 18:20	0.075	0.651	0.726	0.303	14.4	84	2.2	171	24
30/04/24 18:25	0.113	0.681	0.793	0.323	14.5	80	1.9	160	27
30/04/24 18:30	0.164	0.652	0.816	0.358	14.6	78	3.0	152	20
30/04/24 18:35	0.200	0.627	0.827	0.447	14.7	76	3.4	150	21
30/04/24 18:40	0.179	0.591	0.770	0.525	14.7	78	3.0	146	19
30/04/24 18:45	0.201	0.660	0.861	0.456	14.7	80	2.7	149	22
30/04/24 18:50	0.122	0.671	0.793	0.264	14.6	79	2.0	173	26
30/04/24 18:55	0.041	0.589	0.630	0.233	14.6	77	2.1	153	30
30/04/24 19:00	-0.031	0.583	0.552	0.079	14.7	78	2.1	151	24
30/04/24 19:05	-0.094	0.523	0.429	0.102	14.6	78	2.5	142	18
30/04/24 19:10	-0.149	0.697	0.548	0.160	14.6	79	3.1	133	11
30/04/24 19:15	-0.067	0.895	0.828	0.125	14.6	79	3.0	137	13
30/04/24 19:20	0.047	0.989	1.035	0.124	14.6	78	3.2	137	11
30/04/24 19:25	0.176	0.985	1.161	0.243	14.6	79	3.3	136	14
30/04/24 19:30	0.159	1.042	1.201	0.287	14.6	79	2.5	129	20
30/04/24 19:35	0.144	1.010	1.154	0.204	14.5	79	2.5	128	17
30/04/24 19:40	0.142	1.165	1.307	0.132	14.5	80	2.2	123	15
30/04/24 19:45	0.208	1.422	1.629	0.038	14.6	81	2.6	129	20
30/04/24 19:50	0.127	1.735	1.862	0.134	14.5	79	3.5	119	16
30/04/24 19:55	0.055	2.182	2.237	0.210	14.2	80	4.1	109	08
30/04/24 20:00	0.068	2.749	2.817	0.251	14.1	79	4.2	107	06
30/04/24 20:05	0.115	3.011	3.125	0.362	14.1	81	3.0	106	06
30/04/24 20:10	0.098	3.227	3.325	0.366	14.0	81	2.2	113	12
30/04/24 20:15	0.059	3.041	3.101	0.496	14.0	80	1.6	130	20
30/04/24 20:20	0.081	2.670	2.751	0.480	14.0	78	2.4	138	13
30/04/24 20:25	-0.015	2.343	2.328	0.392	14.0	79	2.2	135	12
30/04/24 20:30	-0.032	2.116	2.084	0.445	14.0	80	1.8	130	17
30/04/24 20:35	-0.022	1.903	1.881	0.540	14.1	81	1.3	123	23
30/04/24 20:40	-0.118	1.781	1.663	0.579	14.1	83	1.4	113	22
30/04/24 20:45	-0.164	1.969	1.805	0.658	13.9	83	1.6	106	08
30/04/24 20:50	-0.133	2.429	2.296	0.658	13.7	84	1.6	111	11
30/04/24 20:55	-0.140	2.692	2.551	0.531	13.7	84	1.9	102	10
30/04/24 21:00	-0.185	3.743	3.558	0.514	13.6	83	1.6	103	09
30/04/24 21:05	-0.076	5.747	5.671	0.545	13.5	84	1.4	107	09
30/04/24 21:10	-0.017	6.700	6.683	0.547	13.5	85	1.7	112	11
30/04/24 21:15	0.004	5.884	5.887	0.547	13.6	86	1.2	113	15
30/04/24 21:20	0.048	5.637	5.686	0.639	13.5	85	1.5	110	10
30/04/24 21:25	0.048	5.561	5.608	0.637	13.5	87	1.9	113	09
30/04/24 21:30	-0.058	5.115	5.057	0.566	13.9	86	2.7	107	11
30/04/24 21:35	0.016	5.617	5.633	0.455	13.8	83	3.4	97	07
30/04/24 21:40	0.100	7.279	7.379	0.465	13.5	82	2.9	91	09
30/04/24 21:45	0.251	10.637	10.888	0.464	13.4	83	2.7	88	11
30/04/24 21:50	0.287	11.473	11.760	0.428	13.3	83	2.5	82	10
30/04/24 21:55	0.211	10.903	11.114	0.364	13.2	83	2.5	84	08
30/04/24 22:00	0.151	10.860	11.011	0.318	13.2	83	1.7	75	12
30/04/24 22:05	0.335	11.336	11.671	0.244	13.2	83	1.8	79	10
30/04/24 22:10	0.444	11.069	11.513	0.330	13.2	83	1.5	92	12
30/04/24 22:15	0.496	10.042	10.538	0.352	13.3	83	1.5	84	16
30/04/24 22:20	0.451	9.369	9.820	0.277	13.2	82	1.3	89	15
30/04/24 22:25	0.418	9.181	9.599	0.200	13.2	82	1.2	86	09
30/04/24 22:30	0.386	9.114	9.500	0.285	13.0	83	0.9	78	10
30/04/24 22:35	0.635	9.323	9.958	0.344	12.9	84	0.8	81	11
30/04/24 22:40	1.145	10.002	11.147	0.284	12.8	84	0.8	81	12
30/04/24 22:45	1.449	10.065	11.514	0.275	12.9	84	0.8	101	08
30/04/24 22:50	1.187	9.658	10.845	0.279	13.0	83	0.8	110	09
30/04/24 22:55	0.972	9.062	10.034	0.215	13.2	84	1.4	108	07
30/04/24 23:00	0.900	8.336	9.236	0.190	13.4	83	1.8	101	05
30/04/24 23:05	0.771	7.898	8.669	0.189	13.4	81	1.4	98	07
30/04/24 23:10	0.707	7.675	8.382	0.247	13.4	81	1.6	86	08
30/04/24 23:15	0.526	7.624	8.150	0.229	13.5	81	1.7	86	09
30/04/24 23:20	0.403	7.659	8.062	0.138	13.5	81	1.9	90	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/04/24 23:25	0.358	7.818	8.176	0.130	13.5	81	1.7	90	09
30/04/24 23:30	0.275	7.742	8.017	0.241	13.4	80	1.4	90	12
30/04/24 23:35	0.209	7.518	7.727	0.298	13.5	80	1.6	95	09
30/04/24 23:40	0.194	7.085	7.279	0.241	13.5	80	1.5	97	08
30/04/24 23:45	0.250	6.807	7.056	0.233	13.5	81	1.5	98	09
30/04/24 23:50	0.230	6.798	7.028		13.5	81	1.7	98	08
30/04/24 23:55	0.181	6.752	6.933		13.5	81	1.7	92	07
01/05/24 00:00	0.137	6.843	6.980	0.287	13.5	81	1.7	96	05

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/04/24 01:00	14	26.0	2.4	16.5	18.9	1.2	17.2	85	0.8	77	9
01/04/24 02:00	18	30.0					16.4	88	1.1	7	11
01/04/24 03:00											
01/04/24 04:00	19	34.0									
01/04/24 05:00	26	37.0	5.8	22.3	28.1	0.8	16.1	89	0.6	62	13
01/04/24 06:00	43	58.0	4.3	20.2	24.5	0.8	15.9	89	1.1	40	10
01/04/24 07:00	50	60.0	1.8	17.2	19.0	0.8	16.1	87	1.3	54	11
01/04/24 08:00	30	42.0	0.8	8.7	9.5	0.8	16.7	76	2.5	53	12
01/04/24 09:00	25	37.0	4.5	11.6	16.2	0.7	17.7	69	0.9	36	27
01/04/24 10:00	27	39.0	10.4	15.7	26.1	0.9	19.8	65	0.4	235	29
01/04/24 11:00	13	57.0	4.1	9.2	13.3	0.6	24.4	40	2.1	20	31
01/04/24 12:00	11	85.0	1.4	5.1	6.5	0.5	28.5	26	4.2	13	21
01/04/24 13:00	7	51.0	0.8	5.3	6.1	0.5	26.8	40	3.5	11	22
01/04/24 14:00	2	18.0	1.0	7.0	8.0	0.4	24.8	57	4.0	20	22
01/04/24 15:00	4	13.0	1.4	6.3	7.6	0.5	23.6	67	2.9	31	18
01/04/24 16:00	6	11.0	1.0	6.2	7.2	0.7	23.9	66	3.6	39	15
01/04/24 17:00	7	24.0	0.6	5.7	6.3	0.5	24.1	60	2.1	50	15
01/04/24 18:00	8	18.0	0.5	11.6	12.1	0.4	22.7	73	1.2	328	26
01/04/24 19:00	5	17.0	1.0	16.3	17.3	0.3	20.8	93	1.6	85	13
01/04/24 20:00	5	10.0	0.2	10.4	10.6	0.3	20.5	94	0.5	190	18
01/04/24 21:00	9	23.0	0.5	11.4	11.9	0.2	20.5	94	1.9	260	21
01/04/24 22:00	6	14.0	0.2	6.5	6.7	0.2	19.7	98	0.2	146	27
01/04/24 23:00	5	13.0	0.2	11.7	11.9	0.3	19.5	99	0.4	344	14
02/04/24 00:00	6	12.0	1.5	23.2	24.7	0.4	19.4	99	1.7	55	12
02/04/24 01:00	4	15.0	0.2	9.2	9.5	0.3	19.4	97	0.9	342	30
02/04/24 02:00	3	22.0					17.1	96	5.8	243	9
02/04/24 03:00	5	5.0	0.1	6.7	6.9	0.9	16.0	97	1.2	306	24
02/04/24 04:00	5	5.0	0.1	10.6	10.7	1.0	15.9	96	0.7	298	29
02/04/24 05:00	3	4.0	0.2	13.0	13.2	0.9	15.9	95	1.0	310	24
02/04/24 06:00	2	11.0	1.3	21.2	22.5	1.1	16.1	95	1.0	321	35
02/04/24 07:00	5	10.0	5.1	19.9	24.9	1.1	16.4	90	2.9	281	19
02/04/24 08:00	6	8.0	5.3	23.5	28.8	1.2	16.2	85	1.9	314	15
02/04/24 09:00	4	12.0	21.1	26.4	47.5	1.5	16.2	83	1.6	321	23
02/04/24 10:00	2	11.0	8.7	15.1	23.8	1.5	16.9	79	3.9	283	15
02/04/24 11:00	1	11.0	4.4	6.7	11.1	1.4	17.9	74	6.2	274	11
02/04/24 12:00	0	11.0	2.7	6.1	8.8	1.3	18.3	75	7.8	264	8
02/04/24 13:00	0	7.0	3.4	5.1	8.5	1.3	19.2	68	7.9	262	8
02/04/24 14:00	2	8.0	2.9	5.2	8.0	1.5	19.9	64	8.3	263	8
02/04/24 15:00	2	5.0	2.4	4.1	6.5	1.5	20.4	63	8.2	255	8
02/04/24 16:00	2	7.0	1.8	4.2	5.9	1.4	20.3	66	8.4	256	8
02/04/24 17:00	0	11.0	1.6	3.3	4.9	1.5	19.3	77	7.4	231	8
02/04/24 18:00	1	12.0	2.0	3.9	5.9	1.2	18.1	88	5.9	214	6
02/04/24 19:00	2	10.0	0.8	2.8	3.6	1.1	18.6	79	6.1	238	8
02/04/24 20:00	2	9.0	0.6	4.5	5.1	1.1	18.0	73	8.0	251	7
02/04/24 21:00	-1	9.0	0.3	3.3	3.6	1.1	17.2	74	7.0	247	9

Station Pier Ambient Air Quality Monitoring Program
April 2024
1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/04/24 22:00	-2	13.0	0.8	4.1	5.0	1.0	16.7	72	6.2	249	9
02/04/24 23:00	1	9.0	1.6	7.3	8.8	1.3	16.3	75	4.9	254	8
03/04/24 00:00	3	13.0	2.8	11.4	14.1	1.5	16.0	77	3.6	266	11
03/04/24 01:00	4	11.0	0.6	7.6	8.2	1.4	15.6	77	3.4	275	12
03/04/24 02:00	3	15.0					15.3	78	2.7	285	15
03/04/24 03:00	4	12.0	2.3	15.1	17.4	1.2	14.7	79	2.4	296	12
03/04/24 04:00	3	10.0	1.8	13.0	14.8	1.3	14.1	81	2.1	311	13
03/04/24 05:00	1	8.0	1.6	12.3	14.0	1.2	13.6	83	1.9	316	14
03/04/24 06:00	1	8.0	4.4	15.2	19.6	1.4	13.6	83	2.0	311	14
03/04/24 07:00	1	10.0	7.8	16.7	24.4	1.4	13.7	83	1.7	306	15
03/04/24 08:00	4	17.0	26.7	19.3	46.0	1.8	13.6	83	1.6	308	13
03/04/24 09:00	3	19.0	33.4	19.2	52.7	1.9	14.0	83	1.6	300	17
03/04/24 10:00	1	18.0	20.3	14.4	34.7	1.9	14.9	82	2.8	267	13
03/04/24 11:00	-1	8.0	2.8	3.6	6.4	1.7	15.7	83	5.8	242	7
03/04/24 12:00	0	6.0	1.5	2.0	3.5	1.4	16.0	82	4.8	234	7
03/04/24 13:00	0	5.0	0.6	1.7	2.3	1.3	15.6	90	5.5	214	8
03/04/24 14:00	0	7.0	0.4	1.0	1.3	0.9	14.9	94	4.5	221	7
03/04/24 15:00	3	14.0	0.7	1.1	1.8	0.8	15.9	85	2.9	192	16
03/04/24 16:00	1	12.0	0.2	0.9	1.0	0.7	17.5	71	2.4	188	15
03/04/24 17:00	3	17.0	0.1	0.8	0.9	0.6	17.3	69	3.5	201	11
03/04/24 18:00	3	17.0	0.2	0.6	0.8	0.7	17.5	67	2.5	189	17
03/04/24 19:00	2	17.0	0.0	0.9	0.9	0.6	17.4	63	1.9	172	22
03/04/24 20:00	5	21.0	0.2	1.3	1.4	0.7	17.3	63	1.8	163	23
03/04/24 21:00	3	16.0	0.0	0.7	0.7	0.5	17.3	60	2.4	180	17
03/04/24 22:00	5	27.0	0.1	11.1	11.2	0.5	16.7	69	1.9	101	11
03/04/24 23:00	5	28.0	0.3	13.1	13.5	0.6	16.4	67	1.9	97	10
04/04/24 00:00	6	26.0	0.3	11.6	11.9	0.7	16.0	67	2.5	101	9
04/04/24 01:00	5	18.0	0.1	9.0	9.1	0.6	15.6	67	2.2	99	10
04/04/24 02:00	3	20.0					15.3	69	1.9	93	13
04/04/24 03:00	5	20.0	0.9	17.0	17.9	1.1	14.3	75	2.0	78	15
04/04/24 04:00	5	21.0	0.3	11.2	11.6	1.1	13.6	78	2.4	51	11
04/04/24 05:00	3	17.0	0.3	8.8	9.2	1.0	13.0	83	1.6	55	14
04/04/24 06:00	6	14.0	2.9	11.0	13.8	1.0	12.7	85	0.9	52	12
04/04/24 07:00	10	22.0	24.6	18.8	43.4	1.2	12.5	85	0.7	57	12
04/04/24 08:00	8	18.0	21.0	19.8	40.8	1.4	12.3	83	0.9	79	11
04/04/24 09:00	4	25.0	33.1	21.8	54.9	1.5	14.0	74	1.6	107	11
04/04/24 10:00	3	23.0	28.2	20.5	48.7	1.6	16.0	64	2.7	102	10
04/04/24 11:00	1	15.0	5.9	7.4	13.4	1.3	17.5	56	3.4	119	13
04/04/24 12:00	1	10.0	2.0	3.6	5.6	1.1	18.1	50	3.0	139	19
04/04/24 13:00	2	14.0	1.3	2.6	3.8	1.1	18.8	51	2.5	175	21
04/04/24 14:00	1	16.0	3.3	5.2	8.5	1.1	18.5	56	3.3	184	16
04/04/24 15:00	0	14.0	2.1	3.7	5.8	1.1	18.8	56	3.2	180	18
04/04/24 16:00	0	17.0	0.8	1.8	2.6	1.1	19.0	55	2.8	172	21
04/04/24 17:00	0	16.0	0.9	1.7	2.6	1.0	19.1	57	3.1	173	23
04/04/24 18:00	3	14.0	0.5	1.4	1.9	1.0	18.6	59	3.0	165	26

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/04/24 19:00	3	16.0	0.1	1.2	1.3	1.1	17.8	63	3.7	156	23
04/04/24 20:00	3	10.0	0.1	1.3	1.4	1.0	17.3	63	5.4	137	13
04/04/24 21:00	1	18.0	0.1	1.4	1.5	1.0	16.9	62	4.5	131	15
04/04/24 22:00	5	19.0	0.1	1.3	1.4	1.0	16.8	62	3.8	128	15
04/04/24 23:00	5	17.0	0.0	1.5	1.6	1.1	16.5	64	3.5	126	17
05/04/24 00:00	1	16.0	-0.1	2.1	2.1	1.2	16.3	68	3.5	120	15
05/04/24 01:00	-1	16.0	0.0	1.6	1.6	1.1	16.1	68	4.2	125	13
05/04/24 02:00	0	16.0					15.8	68	3.5	130	16
05/04/24 03:00	0	13.0	0.0	1.0	1.0	0.6	15.7	69	4.5	139	13
05/04/24 04:00	-1	14.0	0.0	0.9	0.9	0.7	15.7	72	3.7	134	15
05/04/24 05:00	7	23.0	-0.1	1.4	1.3	0.7	15.5	71	2.5	115	14
05/04/24 06:00	5	29.0	0.0	3.0	3.1	0.7	15.0	73	2.4	113	12
05/04/24 07:00	5	19.0	0.3	5.7	6.0	0.8	15.0	75	1.4	126	19
05/04/24 08:00	3	26.0	2.3	13.9	16.2	1.0	15.1	73	1.8	108	10
05/04/24 09:00	3	22.0	7.9	18.1	26.0	1.0	15.1	72	1.9	96	13
05/04/24 10:00	1	14.0	9.2	13.4	22.6	2.3	16.7	68	1.5	120	17
05/04/24 11:00	3	13.0	6.8	10.2	17.0	2.7	17.4	65	1.6	131	19
05/04/24 12:00	5	15.0	8.9	10.2	19.2	1.9	18.2	63	1.4	180	20
05/04/24 13:00	3	16.0	4.4	6.6	11.0	1.3	17.6	69	2.6	206	8
05/04/24 14:00	3	11.0	1.2	2.7	3.9	1.3	18.3	71	4.2	205	6
05/04/24 15:00	7	19.0	0.9	2.6	3.4	1.3	18.7	72	5.3	210	5
05/04/24 16:00	7	14.0	0.9	2.7	3.6	1.4	19.5	73	5.8	211	5
05/04/24 17:00	8	20.0	0.5	1.8	2.3	1.2	20.0	74	6.8	201	5
05/04/24 18:00	6	23.0	16.3	9.3	25.6	1.2	19.8	74	6.2	196	7
05/04/24 19:00	9	24.0	88.2	29.9	118.0	1.7	19.3	76	5.3	194	8
05/04/24 20:00	11	28.0	100.1	28.2	128.4	1.9	19.1	81	3.8	190	12
05/04/24 21:00	7	28.0	22.1	14.6	36.7	1.3	19.0	85	2.7	177	20
05/04/24 22:00	6	17.0	1.7	4.5	6.2	0.9	18.9	83	2.4	139	16
05/04/24 23:00	3	17.0	0.1	5.5	5.6	1.0	18.7	79	2.8	113	12
06/04/24 00:00	1	46.0	0.0	3.6	3.7	0.9	18.5	74	3.6	104	7
06/04/24 01:00	1	34.0	0.0	2.9	2.9	0.9	18.4	75	3.0	105	9
06/04/24 02:00	3	21.0					18.1	77	1.7	105	11
06/04/24 03:00	2	21.0	0.1	2.9	3.0	0.4	17.8	76	0.7	98	16
06/04/24 04:00	0	10.0	0.3	3.5	3.8	0.3	17.6	78	0.8	113	20
06/04/24 05:00	-1	12.0	0.2	2.5	2.7	0.4	17.6	78	0.8	104	13
06/04/24 06:00	0	12.0	0.4	3.9	4.3	0.4	17.2	81	0.5	97	21
06/04/24 07:00	6	29.0	27.2	16.7	44.0	0.7	16.8	83	0.5	40	18
06/04/24 08:00	8	28.0	53.1	19.3	72.4	1.2	16.7	85	0.5	355	14
06/04/24 09:00	9	42.0	89.9	23.0	112.8	1.6	16.9	85	1.1	340	18
06/04/24 10:00	15	48.0	87.7	23.9	111.6	1.8	17.3	83	0.7	326	21
06/04/24 11:00	13	34.0	49.7	31.5	81.1	1.9	17.9	80	1.0	266	17
06/04/24 12:00	9	26.0	45.2	22.6	67.8	1.8	19.1	75	1.2	217	15
06/04/24 13:00	5	17.0	21.0	17.5	38.5	1.4	19.5	76	1.6	226	9
06/04/24 14:00	3	11.0	6.9	11.1	18.1	1.0	20.2	74	1.3	225	10
06/04/24 15:00	1	9.0	2.4	3.7	6.1	0.9	21.7	61	1.7	139	18

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/04/24 16:00	0	9.0	1.0	2.9	3.9	0.7	21.9	59	3.1	116	13
06/04/24 17:00	0	20.0	0.6	2.8	3.5	0.5	21.2	65	4.1	104	8
06/04/24 18:00	0	12.0	0.3	2.4	2.6	0.6	20.3	76	3.6	114	11
06/04/24 19:00	0	12.0	0.2	2.6	2.9	0.3	19.9	78	2.5	114	14
06/04/24 20:00	0	9.0	0.1	4.7	4.8	0.3	19.7	79	2.3	122	14
06/04/24 21:00	1	16.0	0.0	7.0	7.0	0.3	19.4	82	2.6	116	15
06/04/24 22:00	4	29.0	0.3	7.3	7.5	0.4	19.1	83	3.4	109	9
06/04/24 23:00	5	15.0	0.2	7.7	7.9	0.4	19.1	84	2.6	120	16
07/04/24 00:00	6	14.0	0.1	5.8	5.9	0.4	18.8	83	2.1	138	18
07/04/24 01:00	5	17.0	0.2	6.1	6.3	0.5	18.6	84	2.3	130	17
07/04/24 02:00	2	4.0					18.4	86	2.5	134	15
07/04/24 03:00	0	11.0	0.0	2.2	2.2	1.7	18.5	86	2.0	135	16
07/04/24 04:00	1	8.0	0.1	2.2	2.2	1.6	18.1	89	1.8	129	18
07/04/24 05:00	-1	7.0	0.1	1.6	1.7	1.7	18.0	90	1.7	124	18
07/04/24 06:00	-1	7.0	0.2	1.5	1.7	1.7	17.9	91	1.1	96	12
07/04/24 07:00	1	5.0	0.1	1.4	1.6	1.7	17.6	95	0.7	119	20
07/04/24 08:00	0	5.0	1.7	4.4	6.1	1.7	18.1	92	2.2	190	15
07/04/24 09:00	13	21.0	42.0	7.5	49.4	2.0	18.2	92	3.6	207	8
07/04/24 10:00	7	9.0	23.3	10.7	34.0	1.9	18.1	93	2.7	206	13
07/04/24 11:00	3	12.0	1.8	2.7	4.5	1.7	18.9	90	4.2	223	7
07/04/24 12:00	4	10.0	0.6	1.9	2.4	1.5	19.0	89	4.5	224	6
07/04/24 13:00	6	11.0	6.5	3.3	9.8	1.8	18.9	87	3.9	218	8
07/04/24 14:00	4	9.0	8.6	4.9	13.4	1.8	19.3	84	3.1	197	11
07/04/24 15:00	2	10.0	4.2	3.8	8.0	1.8	20.1	78	3.0	198	11
07/04/24 16:00	1	8.0	5.4	4.9	10.3	1.9	20.2	78	3.5	200	10
07/04/24 17:00	1	7.0	12.0	9.4	21.3	1.8	20.9	73	2.9	194	12
07/04/24 18:00	-1	8.0	7.5	8.8	16.3	1.8	20.7	76	1.8	175	19
07/04/24 19:00	-1	15.0	3.3	5.8	9.0	1.7	20.1	78	1.9	190	14
07/04/24 20:00	2	9.0	2.0	3.5	5.5	1.7	19.4	79	2.6	196	12
07/04/24 21:00	7	25.0	52.9	12.5	65.3	1.8	19.3	81	3.5	201	12
07/04/24 22:00	5	9.0	0.2	1.7	1.9	1.8	17.9	91	5.9	227	6
07/04/24 23:00	-1	5.0	0.3	4.0	4.3	1.7	17.1	94	2.0	245	11
08/04/24 00:00	-3	4.0	0.5	10.3	10.8	1.6	16.9	96	1.6	288	15
08/04/24 01:00	0	5.0	2.0	11.3	13.3	1.7	17.2	91	4.1	253	8
08/04/24 02:00	3	6.0					17.1	89	4.0	263	8
08/04/24 03:00	4	10.0	3.3	13.9	17.1	1.5	16.5	85	4.3	252	8
08/04/24 04:00	2	9.0	2.8	9.5	12.2	1.5	16.1	87	4.0	265	9
08/04/24 05:00	1	8.0	0.5	6.7	7.2	1.4	15.5	87	1.9	285	16
08/04/24 06:00	1	10.0	1.0	13.4	14.4	1.5	14.9	86	1.8	299	15
08/04/24 07:00	-1	11.0	4.9	17.3	22.2	1.6	14.8	85	2.1	299	13
08/04/24 08:00	3	12.0	9.7	19.0	28.8	1.7	15.2	84	2.6	281	14
08/04/24 09:00	3	13.0	26.5	20.0	46.5	1.8	14.8	83	2.0	301	16
08/04/24 10:00	5	18.0	17.2	16.7	33.8	1.8	15.4	79	1.9	302	17
08/04/24 11:00	1	13.0	12.4	11.2	23.6	1.8	16.3	73	2.6	273	13
08/04/24 12:00	1	10.0	4.3	6.6	10.9	1.7	17.3	67	2.9	268	15

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/04/24 13:00	1	9.0	3.2	5.3	8.5	1.8	18.6	60	2.1	266	16
08/04/24 14:00	0	9.0	3.2	5.6	8.9	1.8	19.5	56	2.4	260	16
08/04/24 15:00	6	11.0	1.9	5.5	7.4	1.5	20.4	52	3.0	263	13
08/04/24 16:00	4	9.0	9.0	6.9	15.9	1.6	19.9	65	3.2	194	13
08/04/24 17:00	2	8.0	7.5	8.4	15.8	1.6	20.3	58	5.0	258	11
08/04/24 18:00	3	11.0	7.3	7.5	14.8	1.6	16.9	86	7.3	240	7
08/04/24 19:00	4	8.0	2.4	12.8	15.2	1.7	16.5	80	3.8	272	13
08/04/24 20:00	5	9.0	7.8	14.9	22.7	1.8	16.5	83	3.2	252	12
08/04/24 21:00	3	12.0	7.9	8.7	16.6	1.8	16.0	88	6.4	215	8
08/04/24 22:00	2	12.0	0.0	0.7	0.7	1.7	15.6	87	9.0	222	5
08/04/24 23:00	4	11.0	0.6	4.6	5.2	1.7	14.3	85	7.3	243	8
09/04/24 00:00	2	17.0	2.6	10.0	12.6	1.6	13.8	90	5.5	246	9
09/04/24 01:00	5	10.0	3.4	12.8	16.2	1.8	13.5	88	5.3	264	8
09/04/24 02:00	5	13.0					12.6	90	2.3	287	12
09/04/24 03:00	5	14.0	1.1	14.2	15.3	1.6	12.5	86	2.5	291	13
09/04/24 04:00	4	13.0	4.1	13.3	17.4	1.6	13.0	84	5.5	255	8
09/04/24 05:00	4	10.0	3.8	10.1	13.9	2.0	12.8	82	5.9	251	7
09/04/24 06:00	2	12.0	3.0	10.0	13.0	1.9	12.5	82	5.4	249	8
09/04/24 07:00	3	13.0	3.1	9.8	12.9	1.8	12.7	82	6.2	251	7
09/04/24 08:00	3	11.0	5.8	12.2	18.0	1.8	12.4	85	6.8	253	7
09/04/24 09:00	4	9.0	3.9	8.2	12.1	1.8	12.6	85	6.5	246	8
09/04/24 10:00	2	14.0	4.3	8.8	13.1	1.9	12.7	85	6.0	247	7
09/04/24 11:00	0	10.0	11.7	7.3	19.0	1.9	13.3	84	6.7	241	7
09/04/24 12:00	3	21.0	26.9	10.4	37.2	1.6	14.7	73	6.8	199	9
09/04/24 13:00	5	14.0	9.6	4.1	13.8	1.5	14.7	79	7.7	230	7
09/04/24 14:00	2	9.0	21.2	8.0	29.3	1.3	15.8	66	7.6	203	6
09/04/24 15:00	1	20.0	52.0	17.9	69.9	1.3	15.5	69	6.0	200	8
09/04/24 16:00	2	19.0	19.4	7.7	27.0	1.3	16.1	68	6.2	209	7
09/04/24 17:00	1	19.0	43.6	12.9	56.5	1.2	16.4	64	6.3	206	8
09/04/24 18:00	4	17.0	29.5	11.2	40.8	1.2	16.2	66	6.4	206	8
09/04/24 19:00	4	20.0	34.9	18.4	53.4	1.2	16.2	65	6.2	201	8
09/04/24 20:00	2	11.0	2.6	3.1	5.6	0.9	16.2	69	8.4	210	5
09/04/24 21:00	2	15.0	5.9	3.7	9.6	0.8	15.6	74	7.5	206	7
09/04/24 22:00	1	12.0	0.1	0.7	0.8	0.7	15.7	70	7.9	222	5
09/04/24 23:00	1	11.0	2.9	2.4	5.3	0.7	15.3	72	6.8	225	7
10/04/24 00:00	1	12.0	1.4	8.6	10.0	0.8	14.8	71	5.7	246	8
10/04/24 01:00	2	18.0	1.1	6.9	7.9	0.9	14.7	72	5.5	249	8
10/04/24 02:00	3	13.0					14.4	73	4.9	250	8
10/04/24 03:00	4	10.0	1.0	3.8	4.8	1.8	14.7	75	6.6	241	7
10/04/24 04:00	3	10.0	1.2	7.7	8.9	1.9	14.4	73	5.3	254	7
10/04/24 05:00	2	12.0	3.1	11.7	14.8	2.2	14.1	75	5.0	250	9
10/04/24 06:00	5	10.0	2.8	11.4	14.2	2.3	13.7	78	4.2	251	8
10/04/24 07:00	5	13.0	1.7	9.9	11.7	2.4	14.0	78	4.3	246	9
10/04/24 08:00	3	10.0	6.2	14.0	20.2	2.6	14.1	77	4.8	256	9
10/04/24 09:00	2	12.0	7.8	14.0	21.9	2.9	14.2	78	4.1	253	9

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/04/24 10:00											
10/04/24 11:00	-3	18.0									
10/04/24 12:00	-2	4.0	0.6	1.4	2.1	1.6	16.5	80	6.8	229	6
10/04/24 13:00	-3	6.0	0.4	1.3	1.8	1.8	16.9	76	6.8	225	5
10/04/24 14:00	-4	7.0	0.5	1.5	2.0	1.7	17.3	74	6.4	221	5
10/04/24 15:00	-3	6.0	1.4	1.2	2.6	1.6	17.5	71	5.2	217	6
10/04/24 16:00	0	7.0	1.1	1.9	3.0	1.4	17.7	72	4.7	202	7
10/04/24 17:00	-1	8.0	0.9	2.0	2.9	1.6	17.7	72	4.5	199	6
10/04/24 18:00	-3	13.0	3.2	2.3	5.4	1.5	17.6	72	4.8	211	6
10/04/24 19:00	-1	13.0	1.7	4.1	5.8	1.5	17.4	74	5.0	197	7
10/04/24 20:00	0	12.0	5.2	5.0	10.2	1.6	17.2	78	6.3	201	6
10/04/24 21:00	-1	10.0	0.0	0.8	0.8	1.4	17.3	78	7.0	211	5
10/04/24 22:00	-4	10.0	0.1	0.6	0.7	1.6	16.2	85	7.0	202	6
10/04/24 23:00	-4	8.0	2.6	4.6	7.2	1.4	16.3	82	4.9	226	6
11/04/24 00:00	-3	6.0	2.8	9.4	12.2	1.6	15.6	86	3.0	266	10
11/04/24 01:00	0	8.0	2.2	6.8	9.0	1.7	15.5	84	5.9	239	6
11/04/24 02:00	0	8.0					14.8	91	4.0	243	8
11/04/24 03:00	-3	4.0	3.2	8.1	11.4	1.8	14.9	90	4.9	246	8
11/04/24 04:00	-1	13.0	3.1	7.8	10.9	2.0	14.8	90	5.2	249	7
11/04/24 05:00	2	8.0	3.0	8.4	11.4	2.0	14.4	93	4.9	245	8
11/04/24 06:00	2	8.0	7.0	10.9	17.9	2.0	14.2	93	4.6	251	8
11/04/24 07:00	0	10.0	5.4	9.9	15.2	2.3	14.5	88	3.9	246	8
11/04/24 08:00	1	9.0	2.9	7.3	10.2	2.4	15.0	84	4.6	238	7
11/04/24 09:00	-1	5.0	1.2	2.3	3.5	2.2	15.6	84	5.0	234	6
11/04/24 10:00	-4	6.0	1.5	4.0	5.6	1.9	15.2	88	4.6	230	7
11/04/24 11:00	-3	7.0	0.5	1.6	2.1	1.9	16.2	83	4.2	214	7
11/04/24 12:00	1	11.0	5.5	4.5	10.0	1.9	16.4	79	4.6	217	7
11/04/24 13:00	0	15.0	1.3	2.6	3.9	1.8	17.0	74	1.9	197	14
11/04/24 14:00	-2	17.0	0.6	1.8	2.4	2.0	18.0	62	3.1	194	10
11/04/24 15:00	-4	10.0	0.4	0.9	1.3	1.8	17.9	60	3.5	198	7
11/04/24 16:00	-2	14.0	0.2	0.7	0.9	1.7	17.4	68	4.0	202	5
11/04/24 17:00	1	9.0	0.1	1.0	1.0	1.7	17.5	67	3.4	198	8
11/04/24 18:00	1	7.0	0.2	0.9	1.1	1.7	17.2	70	3.0	197	8
11/04/24 19:00	0	6.0	0.1	1.6	1.7	1.6	16.9	71	3.0	192	10
11/04/24 20:00	0	8.0	0.1	2.3	2.4	1.6	16.8	73	2.5	185	15
11/04/24 21:00	0	12.0	0.2	1.8	2.0	1.4	16.6	75	1.8	142	21
11/04/24 22:00	2	18.0	0.3	9.9	10.2	1.6	15.8	77	2.0	97	10
11/04/24 23:00	2	9.0	0.4	9.8	10.2	1.8	15.5	77	1.9	92	12
12/04/24 00:00	0	12.0	0.2	12.3	12.6	1.6	15.4	78	1.1	56	15
12/04/24 01:00	-1	11.0	0.2	12.4	12.6	1.1	15.4	78	0.9	38	16
12/04/24 02:00	-1	13.0					15.3	80	0.2	34	26
12/04/24 03:00	-1	9.0	0.9	7.0	7.9	1.0	14.8	82	2.5	246	14
12/04/24 04:00	-2	7.0	0.8	4.9	5.7	0.9	14.0	88	2.4	237	15
12/04/24 05:00	0	7.0	0.2	7.2	7.4	0.9	13.6	87	1.0	302	22
12/04/24 06:00	0	9.0	1.0	7.7	8.7	1.1	14.0	83	3.1	265	9

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/04/24 07:00	-1	9.0	4.2	11.4	15.6	1.1	13.9	83	2.9	266	10
12/04/24 08:00	-1	12.0	2.8	10.9	13.7	0.7	13.9	82	2.4	266	12
12/04/24 09:00	0	11.0	3.3	9.0	12.4	0.7	13.9	83	3.3	249	10
12/04/24 10:00	-1	8.0	2.1	4.6	6.8	0.8	14.1	83	4.0	241	8
12/04/24 11:00	-2	8.0	2.1	3.0	5.2	0.7	15.1	77	3.3	240	8
12/04/24 12:00	-2	8.0	1.9	2.3	4.2	0.6	16.3	72	2.4	206	9
12/04/24 13:00	-2	10.0	1.2	2.2	3.5	0.7	17.8	64	1.8	182	19
12/04/24 14:00	-4	7.0	0.7	2.0	2.6	0.6	19.1	59	1.4	172	21
12/04/24 15:00	-5	7.0	0.6	1.9	2.4	0.6	18.7	61	1.2	177	22
12/04/24 16:00	-3	7.0	0.7	2.2	2.9	0.6	18.0	65	1.3	185	19
12/04/24 17:00	-2	8.0	0.2	1.8	2.0	0.6	17.6	66	2.5	210	6
12/04/24 18:00	-4	7.0	0.2	2.2	2.4	0.6	17.6	67	1.7	214	10
12/04/24 19:00	-3	14.0	0.2	1.8	2.1	0.7	17.3	71	1.1	161	25
12/04/24 20:00	-2	11.0	0.0	0.9	1.0	0.5	17.1	73	1.3	138	19
12/04/24 21:00	-3	9.0	0.0	1.3	1.3	0.4	16.9	79	2.8	212	11
12/04/24 22:00	-1	5.0	0.2	1.6	1.8	0.4	16.7	82	4.0	202	7
12/04/24 23:00	0	10.0	0.2	1.1	1.4	0.4	16.6	77	4.5	220	7
13/04/24 00:00	-1	11.0	1.8	8.6	10.4	0.5	15.9	78	4.2	249	7
13/04/24 01:00	0	6.0	2.6	10.7	13.3	1.3	15.3	79	3.8	257	8
13/04/24 02:00	-1	12.0					15.0	81	2.9	266	10
13/04/24 03:00	-1	9.0	0.8	10.9	11.8	1.5	14.6	82	1.8	285	17
13/04/24 04:00	0	10.0	0.8	10.0	10.8	1.5	14.5	83	3.4	262	10
13/04/24 05:00	-2	12.0	0.8	6.9	7.8	1.5	14.1	84	4.3	259	7
13/04/24 06:00	0	15.0	2.2	9.9	12.1	1.4	13.6	86	3.0	269	10
13/04/24 07:00	1	11.0	7.2	14.8	22.0	1.6	12.9	88	2.0	296	14
13/04/24 08:00	4	20.0	18.1	14.7	32.7	1.7	13.0	84	1.6	305	16
13/04/24 09:00	2	13.0	13.0	11.6	24.6	1.9	14.1	81	1.4	268	17
13/04/24 10:00	-2	8.0	7.8	8.9	16.7	1.7	14.9	78	1.4	267	15
13/04/24 11:00	-3	6.0	4.0	3.7	7.7	1.8	16.3	72	2.1	201	9
13/04/24 12:00	-5	6.0	1.5	2.3	3.7	1.7	17.9	69	1.2	160	20
13/04/24 13:00	-6	5.0	1.0	1.5	2.5	1.8	18.9	63	1.7	179	18
13/04/24 14:00	-6	3.0	0.2	1.2	1.4	1.4	20.2	53	1.3	160	23
13/04/24 15:00	-6	6.0	0.2	1.3	1.6	1.5	20.4	51	1.4	168	20
13/04/24 16:00	-4	5.0	1.3	2.5	3.9	1.6	19.7	54	1.9	190	15
13/04/24 17:00	-1	5.0	0.9	2.3	3.2	1.5	19.0	58	1.6	175	18
13/04/24 18:00	0	11.0	0.3	1.3	1.6	1.4	18.4	67	1.5	159	26
13/04/24 19:00	0	12.0	0.1	1.5	1.5	1.5	17.2	73	1.8	137	17
13/04/24 20:00	3	15.0	0.2	6.1	6.3	1.6	17.0	74	1.7	104	9
13/04/24 21:00	5	17.0	0.5	12.0	12.5	1.6	16.6	74	1.4	101	7
13/04/24 22:00	4	18.0	1.9	16.8	18.7	1.5	16.1	77	1.2	103	11
13/04/24 23:00	4	16.0	3.8	18.9	22.7	1.6	15.9	79	1.3	91	10
14/04/24 00:00	4	20.0	17.4	20.1	37.5	1.8	15.2	81	1.5	43	9
14/04/24 01:00	19	35.0	68.1	22.6	90.7	1.7	14.0	86	1.3	339	17
14/04/24 02:00	17	31.0					13.3	87	1.6	342	15
14/04/24 03:00	26	45.0	46.2	19.7	65.9	1.5	12.9	88	1.3	345	22

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/04/24 04:00	7	17.0	48.2	19.9	68.0	1.8	12.9	88	1.7	1	14
14/04/24 05:00	9	24.0	38.6	18.8	57.3	1.8	13.1	87	1.3	17	11
14/04/24 06:00	8	21.0	18.9	16.2	35.0	1.7	13.5	86	1.4	360	16
14/04/24 07:00	5	18.0	22.4	15.1	37.5	1.5	13.6	85	1.6	350	16
14/04/24 08:00	4	19.0	43.0	15.8	58.8	1.7	13.8	84	1.7	358	14
14/04/24 09:00	3	14.0	15.8	12.8	28.5	1.7	14.8	81	1.3	355	18
14/04/24 10:00	1	17.0	20.1	12.3	32.5	1.9	16.2	74	0.8	288	22
14/04/24 11:00	1	10.0	11.9	12.6	24.5	2.0	17.5	69	0.8	163	23
14/04/24 12:00	0	7.0	2.2	3.5	5.6	1.5	17.9	69	1.2	164	20
14/04/24 13:00	-1	7.0	0.5	1.9	2.4	1.2	17.9	70	1.4	172	17
14/04/24 14:00	-1	9.0	0.4	1.4	1.8	1.0	18.4	66	1.5	174	20
14/04/24 15:00	1	8.0	0.2	1.2	1.4	0.9	18.7	64	1.7	147	20
14/04/24 16:00	1	6.0	0.2	1.2	1.5	0.9	19.7	59	1.4	148	23
14/04/24 17:00	0	5.0	0.3	1.4	1.7	0.9	19.0	63	1.8	179	18
14/04/24 18:00	-3	4.0	0.2	1.4	1.6	0.8	18.7	63	1.6	187	16
14/04/24 19:00	2	8.0	0.9	9.1	10.0	0.8	17.5	69	1.0	82	9
14/04/24 20:00	6	15.0	1.3	13.7	15.0	0.8	17.7	67	1.0	73	13
14/04/24 21:00	4	11.0	0.6	13.3	13.9	0.8	17.7	67	1.3	66	10
14/04/24 22:00	5	14.0	2.6	21.4	24.0	0.9	17.4	68	1.0	50	14
14/04/24 23:00	7	17.0	14.3	22.9	37.3	1.0	17.1	69	1.1	338	24
15/04/24 00:00	6	20.0	9.5	21.5	31.0	1.0	16.2	73	1.3	13	19
15/04/24 01:00	7	20.0	9.9	21.1	31.0	1.1	15.8	75	1.1	334	20
15/04/24 02:00	13	26.0					14.4	81	0.9	15	12
15/04/24 03:00	9	17.0	24.8	18.6	43.4	1.3	13.9	84	1.0	330	17
15/04/24 04:00	9	21.0	26.4	17.6	44.0	1.4	13.4	85	1.2	333	16
15/04/24 05:00	9	25.0	57.3	16.8	74.0	1.7	12.7	87	1.6	356	15
15/04/24 06:00	12	28.0	53.6	14.7	68.3	1.9	12.1	87	2.0	359	14
15/04/24 07:00	13	42.0	99.6	18.0	117.6	2.7	11.9	87	2.1	357	15
15/04/24 08:00	15	44.0	109.6	20.4	129.9	3.4	12.2	84	1.9	357	15
15/04/24 09:00	17	42.0	93.4	22.2	115.5	4.0	14.0	75	1.6	335	20
15/04/24 10:00	13	35.0	52.7	21.9	74.7	3.9	16.1	69	1.3	287	17
15/04/24 11:00	12	32.0	23.3	18.7	42.0	3.7	17.9	64	1.2	273	21
15/04/24 12:00	6	24.0	12.3	12.1	24.4	2.3	18.9	66	1.8	172	17
15/04/24 13:00	1	22.0	5.9	8.2	14.0	1.7	19.6	65	1.5	149	21
15/04/24 14:00	2	14.0	3.5	4.5	8.0	1.4	20.4	62	1.7	171	20
15/04/24 15:00	3	10.0	1.1	3.1	4.2	1.1	20.6	60	1.6	148	21
15/04/24 16:00	2	10.0	0.9	3.1	4.0	1.0	20.9	60	1.3	149	24
15/04/24 17:00	0	8.0	1.1	2.1	3.3	1.0	19.4	67	1.4	152	23
15/04/24 18:00	0	9.0	0.0	1.0	1.0	0.8	19.0	72	1.8	165	27
15/04/24 19:00	0	7.0	0.0	1.2	1.2	0.6	18.0	80	3.4	186	12
15/04/24 20:00	1	14.0	0.0	1.7	1.6	0.5	17.9	79	3.0	185	14
15/04/24 21:00	0	11.0	0.1	1.3	1.4	0.6	17.7	79	2.9	186	13
15/04/24 22:00	-3	16.0	0.1	0.7	0.7	0.6	17.8	77	2.0	181	17
15/04/24 23:00	-2	10.0	0.2	2.8	3.0	0.7	17.8	75	1.1	169	21
16/04/24 00:00	-2	10.0	0.3	5.7	6.0	0.6	17.4	75	0.6	67	13

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/04/24 01:00	-1	20.0	12.0	15.8	27.8	1.5	16.5	81	0.9	355	18
16/04/24 02:00	4	24.0					15.8	86	1.0	321	16
16/04/24 03:00	7	25.0	36.5	20.0	56.5	2.1	15.5	86	1.1	329	16
16/04/24 04:00	6	26.0	29.6	18.6	48.2	2.2	15.1	89	1.0	305	15
16/04/24 05:00	3	22.0	25.9	16.9	42.8	2.2	14.6	89	1.2	333	16
16/04/24 06:00	3	26.0	50.7	17.0	67.6	2.5	13.9	91	1.4	354	14
16/04/24 07:00	6	23.0	50.2	16.3	66.4	2.4	13.5	91	1.3	354	19
16/04/24 08:00	6	33.0	67.1	18.0	85.1	2.6	13.8	89	1.2	348	21
16/04/24 09:00	5	38.0	61.3	17.9	79.2	3.2	15.3	80	0.7	317	31
16/04/24 10:00	3	33.0	50.2	19.3	69.6	3.2	15.6	80	1.3	251	13
16/04/24 11:00	0	13.0	5.4	8.1	13.5	2.6	16.1	78	2.0	216	9
16/04/24 12:00	-1	18.0	8.9	9.2	18.1	2.5	17.6	73	1.1	178	17
16/04/24 13:00	2	21.0	7.9	7.3	15.3	2.4	18.9	69	1.3	169	22
16/04/24 14:00	-1	8.0	1.7	3.0	4.7	2.3	19.5	66	1.8	169	18
16/04/24 15:00	-5	7.0	1.0	2.7	3.7	2.1	19.3	69	1.8	157	21
16/04/24 16:00	-3	6.0	0.6	1.0	1.6	1.9	18.2	72	1.8	162	23
16/04/24 17:00	-2	7.0	1.9	3.1	4.9	1.9	18.1	71	3.3	195	10
16/04/24 18:00	-2	6.0	0.4	2.1	2.6	1.9	17.2	81	3.3	192	11
16/04/24 19:00	1	14.0	0.2	2.0	2.2	1.8	16.6	85	2.7	165	22
16/04/24 20:00	1	10.0	0.0	2.9	3.0	1.8	16.4	84	2.4	147	22
16/04/24 21:00	1	14.0	0.1	6.0	6.1	1.8	16.1	82	1.5	120	17
16/04/24 22:00	0	17.0	0.1	6.0	6.1	1.7	15.9	83	2.1	122	15
16/04/24 23:00	2	14.0	0.2	10.0	10.3	1.7	15.3	84	0.5	97	21
17/04/24 00:00	2	12.0	0.0	8.5	8.5	1.8	15.6	83	1.2	148	20
17/04/24 01:00	0	10.0	0.0	4.0	4.0	1.6	16.0	81	1.4	163	22
17/04/24 02:00	2	17.0					15.2	86	1.1	101	22
17/04/24 03:00	2	8.0	0.1	4.1	4.3	1.4	15.0	87	1.6	123	19
17/04/24 04:00	6	14.0	0.2	5.4	5.6	1.4	14.1	86	1.0	93	15
17/04/24 05:00	5	18.0	1.4	13.7	15.1	1.4	13.6	88	1.0	72	13
17/04/24 06:00	3	18.0	8.5	16.2	24.7	1.6	13.6	88	0.5	17	27
17/04/24 07:00	6	32.0	102.4	23.7	126.1	2.1	13.7	91	1.0	290	16
17/04/24 08:00	6	30.0	78.0	19.7	97.7	2.5	13.6	91	0.6	316	17
17/04/24 09:00	7	36.0	79.9	22.8	102.6	2.5	14.5	89	1.4	285	15
17/04/24 10:00	5	21.0	22.8	12.7	35.5	2.1	15.4	86	2.3	245	9
17/04/24 11:00	2	15.0	3.0	5.0	8.0	2.0	16.3	83	3.0	221	7
17/04/24 12:00	1	11.0	1.5	4.1	5.7	1.8	16.5	81	4.0	217	6
17/04/24 13:00	0	12.0	1.2	2.8	3.9	1.7	16.5	82	3.1	199	11
17/04/24 14:00	2	16.0	1.0	2.4	3.4	1.7	17.0	78	5.0	210	6
17/04/24 15:00	1	8.0	0.4	1.0	1.5	1.7	16.5	79	6.0	215	4
17/04/24 16:00	-2	9.0	1.4	3.0	4.4	1.5	17.0	75	4.3	197	9
17/04/24 17:00	1	8.0	0.6	0.5	1.1	1.4	17.6	70	3.6	189	12
17/04/24 18:00	2	6.0	0.2	0.5	0.7	1.4	16.7	73	3.7	190	11
17/04/24 19:00	-1	7.0	0.2	0.5	0.7	1.5	16.6	71	3.3	188	12
17/04/24 20:00	-4	10.0	0.2	0.6	0.8	1.4	16.5	73	2.6	184	17
17/04/24 21:00	-4	10.0	0.1	2.0	2.2	1.5	16.4	74	1.9	171	21

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/04/24 22:00	-3	8.0	0.8	4.2	4.9	1.4	16.2	77	3.4	203	11
17/04/24 23:00	-3	6.0	0.1	0.9	1.0	1.5	16.2	75	3.9	195	8
18/04/24 00:00	-2	8.0	0.1	0.8	0.9	1.5	16.1	72	2.2	185	18
18/04/24 01:00	-1	15.0	3.6	7.6	11.3	1.1	15.4	77	0.8	254	20
18/04/24 02:00	-1	5.0					14.9	86	4.3	224	7
18/04/24 03:00	-2	7.0	0.7	4.5	5.2	0.9	14.3	90	3.1	253	9
18/04/24 04:00	-1	8.0	2.9	11.2	14.1	0.9	13.8	87	3.6	266	10
18/04/24 05:00	0	9.0	1.8	5.7	7.4	1.0	13.6	91	5.8	246	8
18/04/24 06:00	0	7.0	1.6	6.9	8.5	1.1	13.4	89	4.3	251	9
18/04/24 07:00	1	12.0	12.5	16.1	28.7	1.1	13.0	89	3.0	274	12
18/04/24 08:00	-2	12.0	21.7	18.3	40.1	1.3	12.9	89	3.0	272	14
18/04/24 09:00	-3	15.0	18.0	17.8	35.8	1.2	13.6	84	3.4	272	12
18/04/24 10:00	-2	12.0	8.0	10.7	18.7	1.4	15.0	73	5.6	249	9
18/04/24 11:00	-2	11.0	1.9	4.3	6.2	1.5	15.6	62	6.6	251	8
18/04/24 12:00	-1	11.0	2.9	6.4	9.3	1.6	15.7	62	4.6	267	9
18/04/24 13:00	1	12.0	2.6	5.2	7.9	1.5	16.3	58	4.2	261	10
18/04/24 14:00	0	8.0	1.5	3.4	4.9	1.4	16.9	59	4.3	258	11
18/04/24 15:00	-3	14.0	1.3	5.5	6.8	1.1	17.2	60	4.7	264	9
18/04/24 16:00	-4	11.0	1.9	7.3	9.2	1.1	17.2	64	6.1	260	9
18/04/24 17:00	-1	14.0	1.5	8.3	9.8	1.0	16.9	67	5.3	264	10
18/04/24 18:00	-3	13.0	1.0	7.2	8.2	0.8	16.2	74	3.9	276	12
18/04/24 19:00	-3	12.0	2.6	18.8	21.5	0.8	16.0	74	1.9	305	15
18/04/24 20:00	-2	11.0	2.6	16.5	19.1	1.3	15.1	84	1.7	306	17
18/04/24 21:00	1	14.0	16.4	20.6	37.0	1.0	14.7	87	1.3	345	22
18/04/24 22:00	5	17.0	7.9	20.7	28.6	1.0	14.6	89	1.5	344	17
18/04/24 23:00	3	8.0	4.6	16.7	21.3	1.1	15.6	83	2.5	289	15
19/04/24 00:00	0	8.0	2.5	12.6	15.0	1.1	15.3	89	4.0	265	10
19/04/24 01:00	-3	12.0	4.6	13.8	18.4	0.7	15.2	91	4.3	263	8
19/04/24 02:00	0	10.0					15.2	89	4.8	252	7
19/04/24 03:00	1	11.0	3.7	7.5	11.2	0.9	14.8	87	5.0	249	8
19/04/24 04:00	-2	13.0	1.7	5.2	6.9	0.8	14.0	91	6.6	247	8
19/04/24 05:00	0	10.0	4.0	11.5	15.6	0.6	13.3	94	5.7	252	7
19/04/24 06:00	-1	12.0	0.7	5.6	6.4	0.5	13.3	96	4.8	251	9
19/04/24 07:00	-3	7.0	0.4	1.6	2.0	0.5	14.9	85	4.4	175	15
19/04/24 08:00	-1	17.0	0.1	1.3	1.4	0.6	15.0	82	2.9	133	17
19/04/24 09:00	2	24.0	0.7	3.0	3.6	0.5	15.6	77	2.4	153	18
19/04/24 10:00	-1	21.0	0.1	0.7	0.8	0.5	16.8	66	4.1	185	12
19/04/24 11:00	-3	19.0	0.2	0.8	1.0	0.4	17.4	63	3.3	181	18
19/04/24 12:00	-1	17.0	0.2	0.7	0.9	0.5	17.1	69	2.6	162	22
19/04/24 13:00	-1	17.0	0.1	0.6	0.7	0.5	17.0	74	2.2	157	24
19/04/24 14:00	-2	11.0	0.1	0.7	0.9	0.3	17.3	78	4.4	191	10
19/04/24 15:00	-3	12.0	0.2	1.0	1.1	0.3	17.7	79	5.5	197	7
19/04/24 16:00	-1	25.0	0.2	0.9	1.1	0.5	18.7	71	3.2	180	17
19/04/24 17:00	-1	18.0	0.1	1.1	1.2	0.3	18.2	74	2.2	168	28
19/04/24 18:00	0	16.0	0.0	1.7	1.7	0.4	17.8	71	3.7	146	18

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/04/24 19:00	1	20.0	0.1	1.2	1.3	0.4	17.5	74	3.9	155	21
19/04/24 20:00	0	21.0	0.1	1.5	1.5	0.3	17.1	75	4.6	143	16
19/04/24 21:00	-1	18.0	0.0	1.9	1.9	0.4	16.5	77	3.9	134	17
19/04/24 22:00	0	18.0	-0.1	3.2	3.1	0.3	15.8	80	2.4	124	18
19/04/24 23:00	1	23.0	0.1	6.3	6.4	0.4	15.1	83	2.3	118	14
20/04/24 00:00	0	12.0	0.2	9.7	9.9	0.3	14.9	82	2.6	136	14
20/04/24 01:00	0	18.0	0.1	6.8	6.9	0.7	14.8	81	2.3	137	16
20/04/24 02:00	-1	14.0					14.6	82	1.8	125	18
20/04/24 03:00	-1	17.0	0.2	3.8	4.0	0.8	14.2	83	2.1	128	15
20/04/24 04:00	0	21.0	0.1	4.0	4.0	0.8	13.5	83	2.5	101	7
20/04/24 05:00	0	13.0	0.5	7.4	7.9	0.9	12.5	84	1.3	79	9
20/04/24 06:00	4	18.0	0.3	11.5	11.8	0.9	12.2	86	0.7	66	14
20/04/24 07:00	3	18.0	19.2	16.6	35.8	1.0	11.7	88	0.7	353	23
20/04/24 08:00	9	38.0	112.7	21.7	134.4	1.8	11.6	89	0.9	344	20
20/04/24 09:00	9	53.0	127.0	23.3	150.3	2.4	13.9	79	0.5	342	27
20/04/24 10:00	6	30.0	51.0	19.8	70.8	2.3	15.8	72	0.4	221	21
20/04/24 11:00	3	15.0	11.9	13.7	25.6	1.8	16.1	75	1.7	202	9
20/04/24 12:00	2	13.0	2.8	3.8	6.5	1.5	17.0	66	3.0	191	12
20/04/24 13:00	3	16.0	0.3	0.6	0.9	1.3	17.5	58	3.0	189	13
20/04/24 14:00	2	20.0	0.5	1.1	1.5	1.1	17.8	59	3.2	194	11
20/04/24 15:00	3	14.0	0.2	0.8	1.0	1.0	17.3	63	4.3	200	7
20/04/24 16:00	4	17.0	0.2	0.9	1.1	1.1	16.5	66	4.9	204	5
20/04/24 17:00	3	17.0	0.2	0.9	1.1	1.0	16.0	68	5.2	206	5
20/04/24 18:00	1	15.0	0.0	1.0	1.0	1.0	16.1	68	4.2	201	7
20/04/24 19:00	1	14.0	0.1	2.7	2.8	0.9	15.7	70	2.6	187	13
20/04/24 20:00	1	20.0	-0.1	3.1	3.0	0.8	15.6	70	2.1	185	15
20/04/24 21:00	5	17.0	0.2	7.3	7.4	0.9	15.0	71	1.7	130	12
20/04/24 22:00	4	21.0	0.6	12.2	12.8	1.0	14.0	72	1.6	87	10
20/04/24 23:00	3	20.0	1.1	14.3	15.4	1.1	14.2	71	1.5	84	12
21/04/24 00:00	6	18.0	1.8	15.9	17.7	1.0	14.4	71	0.4	11	26
21/04/24 01:00	9	27.0	27.7	23.7	51.4	1.5	14.0	77	1.1	324	19
21/04/24 02:00	8	23.0					13.4	79	1.2	345	18
21/04/24 03:00	8	28.0	11.1	20.6	31.7	1.0	13.1	78	1.4	349	19
21/04/24 04:00	15	25.0	9.1	19.6	28.7	0.9	13.2	78	1.2	349	22
21/04/24 05:00	9	18.0	3.2	17.8	20.9	0.9	13.2	78	1.3	345	20
21/04/24 06:00	7	14.0	1.5	16.1	17.5	0.9	13.4	78	0.7	336	27
21/04/24 07:00	5	18.0	6.3	18.3	24.7	1.0	13.5	77	0.9	333	18
21/04/24 08:00	5	30.0	18.5	20.8	39.3	1.2	13.6	76	1.0	332	22
21/04/24 09:00	4	14.0	7.4	12.0	19.4	1.3	13.8	76	1.8	248	11
21/04/24 10:00	4	18.0	1.1	3.8	4.8	0.9	13.7	77	2.9	233	9
21/04/24 11:00	2	16.0	0.6	2.4	3.0	1.0	14.2	72	2.3	232	8
21/04/24 12:00	3	13.0	0.5	1.6	2.1	0.7	15.0	71	3.1	207	9
21/04/24 13:00	2	16.0	0.4	1.5	1.9	1.1	17.0	61	1.4	171	23
21/04/24 14:00	0	12.0	0.2	1.4	1.7	0.8	17.4	59	1.8	181	19
21/04/24 15:00	4	14.0	0.2	1.3	1.4	0.7	17.5	60	2.3	186	16

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/04/24 16:00	2	14.0	0.2	0.9	1.1	0.6	17.9	59	2.2	179	17
21/04/24 17:00	1	9.0	0.2	0.7	0.9	0.5	17.0	63	1.8	173	21
21/04/24 18:00	2	12.0	0.0	0.7	0.7	0.5	16.1	68	1.8	160	24
21/04/24 19:00	-1	14.0	0.2	2.0	2.1	0.6	15.4	72	2.0	118	12
21/04/24 20:00	6	18.0	0.2	10.3	10.5	0.4	14.8	73	1.6	101	8
21/04/24 21:00	7	21.0	2.8	18.0	20.7	0.6	14.2	77	1.0	91	12
21/04/24 22:00	7	23.0	3.9	19.1	23.0	0.7	13.9	78	1.4	85	10
21/04/24 23:00	5	22.0	2.9	21.9	24.8	0.6	13.5	79	1.7	49	9
22/04/24 00:00	7	37.0	41.9	28.4	70.3	0.9	12.7	82	1.5	335	17
22/04/24 01:00	14	33.0	62.5	25.7	88.2	0.5	12.0	85	1.0	319	16
22/04/24 02:00	11	24.0					11.0	87	1.2	346	15
22/04/24 03:00	11	23.0	48.3	23.7	72.0	0.6	10.6	88	1.0	350	22
22/04/24 04:00	16	31.0	47.3	21.2	68.5	0.6	10.2	89	1.1	345	17
22/04/24 05:00	10	27.0	49.6	19.6	69.2	0.6	9.9	89	1.1	341	20
22/04/24 06:00	9	29.0	55.0	18.8	73.9	0.7	9.5	89	0.7	359	20
22/04/24 07:00	16	43.0	36.4	16.0	52.5	0.5	8.7	91	1.0	48	8
22/04/24 08:00	12	27.0	46.4	16.8	63.3	0.7	9.4	88	0.9	53	11
22/04/24 09:00	9	31.0	56.2	19.9	76.1	0.7	12.7	73	0.5	90	22
22/04/24 10:00	10	36.0	62.3	21.3	83.6	0.8	14.6	68	0.1	163	28
22/04/24 11:00	8	38.0	36.6	21.8	58.4	0.8	16.6	62	0.6	344	33
22/04/24 12:00	9	28.0	39.1	24.1	63.3	1.1	18.3	61	1.0	165	22
22/04/24 13:00	13	28.0	30.6	24.6	55.2	0.9	20.5	56	0.8	164	29
22/04/24 14:00	15	42.0	21.4	25.2	46.6	0.7	21.8	54	1.0	170	45
22/04/24 15:00	18	41.0	4.5	11.8	16.2	0.4	24.8	34	2.1	11	32
22/04/24 16:00	12	37.0	3.1	11.8	15.0	0.2	24.5	39	1.1	1	35
22/04/24 17:00	16	31.0	1.4	8.9	10.3	0.2	21.2	60	1.2	168	28
22/04/24 18:00	15	34.0	2.0	26.6	28.6	0.2	21.2	61	1.2	269	19
22/04/24 19:00	21	39.0	16.1	37.3	53.3	0.4	19.3	66	0.5	334	28
22/04/24 20:00	25	53.0	0.8	23.5	24.3	0.6	20.1	48	1.9	4	24
22/04/24 21:00	26	64.0	2.3	30.4	32.7	0.8	19.1	50	1.7	345	27
22/04/24 22:00	24	52.0	2.6	27.3	29.9	0.9	18.0	51	1.9	359	23
22/04/24 23:00	16	47.0	0.4	21.3	21.7	0.6	17.6	50	1.9	3	23
23/04/24 00:00	15	43.0	0.3	18.5	18.8	0.3	17.1	51	1.5	1	26
23/04/24 01:00	17	47.0	0.3	16.0	16.3	0.4	16.9	52	1.7	15	23
23/04/24 02:00	20	50.0					17.1	49	1.9	22	23
23/04/24 03:00	21	53.0	0.1	7.8	7.9	0.4	17.4	46	2.1	19	25
23/04/24 04:00	21	56.0	0.0	8.0	8.0	0.4	17.3	44	2.5	29	21
23/04/24 05:00	26	55.0	0.1	11.3	11.4	0.4	16.5	48	0.9	11	29
23/04/24 06:00	19	53.0	0.3	23.2	23.4	0.5	17.0	46	1.5	348	31
23/04/24 07:00	20	60.0	1.5	31.6	33.1	0.4	17.1	46	2.1	359	29
23/04/24 08:00	27	66.0	5.9	34.0	39.9	0.4	17.0	47	1.5	358	32
23/04/24 09:00	23	59.0	5.8	23.4	29.2	0.4	18.9	43	1.6	351	36
23/04/24 10:00	12	55.0	5.4	13.8	19.3	0.2	20.5	39	2.9	342	29
23/04/24 11:00	11	60.0	3.4	10.4	13.8	0.4	21.9	38	4.0	1	24
23/04/24 12:00	9	49.0	3.3	10.5	13.8	0.4	23.2	38	3.5	4	26

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/04/24 13:00	9	37.0	2.9	9.1	12.0	0.3	24.6	37	2.8	0	27
23/04/24 14:00	11	49.0	2.5	8.6	11.1	0.3	25.5	34	3.0	358	27
23/04/24 15:00	6	30.0	2.9	9.1	12.0	0.6	26.1	27	4.2	316	24
23/04/24 16:00	5	32.0	2.3	10.6	12.9	0.3	25.8	31	2.8	350	33
23/04/24 17:00	4	34.0	2.1	15.5	17.6	0.3	25.4	33	2.6	3	28
23/04/24 18:00	5	41.0	1.4	16.9	18.3	0.3	24.7	35	2.4	19	23
23/04/24 19:00	5	38.0	0.7	17.4	18.1	0.4	23.9	33	2.7	22	23
23/04/24 20:00	3	35.0	0.5	14.7	15.2	0.4	23.2	34	3.1	16	23
23/04/24 21:00	2	39.0	0.6	14.3	14.8	0.4	22.9	36	2.6	330	28
23/04/24 22:00	3	40.0	1.2	6.8	8.0	0.5	19.7	59	7.8	248	8
23/04/24 23:00	5	17.0	2.0	9.5	11.5	0.2	16.9	84	8.6	261	7
24/04/24 00:00	3	18.0	0.8	4.5	5.3	0.1	14.0	86	11.5	261	7
24/04/24 01:00	2	18.0	0.9	4.0	4.9	0.2	12.8	86	7.3	265	10
24/04/24 02:00	-1	10.0					12.7	86	4.9	275	12
24/04/24 03:00	-3	8.0	0.2	4.4	4.6	0.2	12.6	83	4.9	276	12
24/04/24 04:00	1	12.0	0.2	4.6	4.7	0.3	12.4	83	4.5	278	12
24/04/24 05:00	1	8.0	0.0	4.5	4.5	0.3	12.2	83	4.0	279	13
24/04/24 06:00	-2	12.0	1.7	10.1	11.8	0.3	12.6	82	6.3	261	8
24/04/24 07:00	-2	13.0	4.9	12.9	17.8	0.5	12.6	84	6.9	248	7
24/04/24 08:00	-1	14.0	1.5	6.3	7.8	0.4	13.1	82	6.6	238	8
24/04/24 09:00	0	10.0	1.7	6.9	8.6	0.4	12.5	83	5.0	253	8
24/04/24 10:00	-1	12.0	3.4	4.3	7.8	0.6	13.6	75	4.7	246	9
24/04/24 11:00	3	20.0	1.1	1.9	2.9	0.6	14.7	70	7.6	233	7
24/04/24 12:00	4	16.0	0.6	1.4	2.0	0.5	15.0	68	8.0	230	6
24/04/24 13:00	2	15.0	0.3	0.8	1.2	0.3	14.6	72	8.0	221	5
24/04/24 14:00	-1	11.0	0.3	0.8	1.1	0.4	15.4	66	7.0	222	6
24/04/24 15:00	1	15.0	0.3	0.8	1.1	0.3	15.9	63	5.7	216	6
24/04/24 16:00	2	20.0	0.2	0.9	1.1	0.3	15.9	63	6.0	207	6
24/04/24 17:00	1	17.0	0.3	1.1	1.4	0.3	15.9	65	5.9	214	6
24/04/24 18:00	0	19.0	0.5	1.4	1.9	0.1	15.9	61	7.0	227	6
24/04/24 19:00	2	20.0	0.5	6.4	6.9	0.2	15.2	60	6.7	246	8
24/04/24 20:00	2	20.0	6.7	14.7	21.4	0.7	14.7	64	5.6	249	8
24/04/24 21:00	3	17.0	2.4	12.6	15.0	0.9	14.4	64	5.1	253	9
24/04/24 22:00	1	13.0	1.7	9.9	11.6	0.7	13.9	68	4.1	266	10
24/04/24 23:00	0	17.0	0.5	10.1	10.6	0.2	13.0	74	2.8	282	13
25/04/24 00:00	2	18.0	1.8	17.3	19.1	0.1	12.3	76	2.2	305	13
25/04/24 01:00	-1	18.0	1.3	16.7	18.1	0.3	12.0	77	2.4	312	11
25/04/24 02:00	-1	14.0					12.0	78	2.5	311	11
25/04/24 03:00	0	12.0	1.8	16.0	17.8	0.2	12.0	80	2.7	299	12
25/04/24 04:00	0	9.0	1.0	11.1	12.1	0.2	12.3	84	3.4	275	12
25/04/24 05:00	-1	10.0	0.6	6.3	6.9	0.2	12.8	85	4.1	274	11
25/04/24 06:00	1	10.0	0.2	6.0	6.2	-0.1	12.6	87	4.1	273	11
25/04/24 07:00	2	12.0	0.9	9.0	9.9	0.0	12.7	87	4.1	270	11
25/04/24 08:00	0	16.0	4.2	11.2	15.4	-0.1	12.4	87	2.9	277	13
25/04/24 09:00	2	13.0	8.1	12.4	20.5	0.4	13.4	81	5.6	256	9

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/04/24 10:00	4	14.0	3.3	4.6	8.0	0.5	14.4	74	7.1	242	7
25/04/24 11:00	2	15.0	0.9	1.7	2.6	0.4	14.9	71	6.9	235	7
25/04/24 12:00	2	11.0	0.3	1.0	1.3	0.3	15.3	69	7.7	230	5
25/04/24 13:00	2	13.0	0.1	1.0	1.0	0.3	15.7	67	6.7	227	6
25/04/24 14:00	0	10.0	0.1	0.7	0.8	0.2	15.1	73	5.8	216	7
25/04/24 15:00	0	11.0	0.1	0.8	0.9	0.1	16.0	67	6.4	217	6
25/04/24 16:00	0	15.0	0.2	0.6	0.7	0.1	16.1	68	6.1	204	6
25/04/24 17:00	-1	16.0	0.1	0.6	0.7	-0.1	16.1	67	5.9	201	7
25/04/24 18:00	-2	13.0	0.1	0.9	1.1	0.0	15.8	72	6.1	201	7
25/04/24 19:00	1	18.0	0.1	0.6	0.7	-0.1	15.8	74	6.9	211	5
25/04/24 20:00	1	18.0	0.0	1.0	1.0	-0.3	15.7	70	6.4	222	5
25/04/24 21:00	-3	17.0	0.9	7.1	8.0	-0.1	15.2	68	5.1	241	7
25/04/24 22:00	0	17.0	1.7	8.2	9.8	0.2	14.8	70	5.3	246	8
25/04/24 23:00	1	13.0	1.9	9.0	11.0	0.4	14.2	74	5.2	248	8
26/04/24 00:00	-1	10.0	2.2	11.5	13.7	0.8	13.9	75	4.8	251	8
26/04/24 01:00	-1	10.0	1.4	7.0	8.4	0.8	13.6	77	5.2	244	9
26/04/24 02:00	0	11.0					13.7	76	5.4	243	8
26/04/24 03:00	-1	15.0	1.5	7.8	9.3	0.7	13.8	72	4.8	242	8
26/04/24 04:00	-2	12.0	1.4	7.5	8.9	1.1	13.8	72	5.3	243	8
26/04/24 05:00	-2	11.0	1.4	7.1	8.5	1.0	13.9	73	7.0	244	7
26/04/24 06:00	-2	9.0	2.6	11.9	14.5	1.2	13.7	71	5.9	243	7
26/04/24 07:00	-1	11.0	4.0	13.7	17.7	1.6	13.7	72	5.3	247	8
26/04/24 08:00	-1	12.0	3.3	12.7	15.9	1.4	13.6	72	4.6	245	8
26/04/24 09:00	-1	11.0	3.4	11.2	14.6	1.5	14.0	70	5.2	244	8
26/04/24 10:00	0	11.0	0.7	2.9	3.6	0.9	14.4	70	6.7	234	5
26/04/24 11:00	1	13.0	0.9	2.6	3.5	0.8	14.6	69	6.3	233	6
26/04/24 12:00	1	12.0	0.6	2.3	2.9	0.5	14.9	71	6.8	231	6
26/04/24 13:00	-2	10.0	0.3	1.5	1.8	0.5	15.1	70	7.1	229	5
26/04/24 14:00	-3	8.0	0.1	0.9	1.0	0.4	15.3	69	6.3	222	4
26/04/24 15:00	0	10.0	0.0	0.6	0.6	0.2	15.4	64	4.0	211	6
26/04/24 16:00	0	9.0	0.1	0.6	0.8	0.3	15.4	64	3.9	216	6
26/04/24 17:00	-1	9.0	0.5	2.1	2.6	0.3	15.3	68	3.2	200	8
26/04/24 18:00	0	9.0	2.0	3.3	5.3	0.3	15.3	66	3.4	201	9
26/04/24 19:00	1	17.0	0.8	4.3	5.1	0.2	15.4	65	3.6	211	7
26/04/24 20:00	0	11.0	0.3	8.4	8.8	0.3	15.1	64	2.9	239	11
26/04/24 21:00	1	12.0	1.6	17.2	18.8	0.5	15.1	63	2.3	250	13
26/04/24 22:00	3	19.0	2.8	16.8	19.6	0.8	14.9	63	3.3	241	7
26/04/24 23:00	1	13.0	0.2	8.9	9.2	0.6	14.8	65	3.7	242	7
27/04/24 00:00	-3	10.0	0.1	3.1	3.1	0.4	14.8	68	3.7	224	7
27/04/24 01:00	-4	11.0	0.0	1.4	1.4	0.1	14.8	69	2.3	199	12
27/04/24 02:00	-1	13.0					14.3	69	2.1	253	9
27/04/24 03:00	0	10.0	3.6	18.1	21.7	0.7	14.0	70	2.4	255	8
27/04/24 04:00	1	12.0	2.3	16.3	18.6	1.2	13.8	72	1.3	254	13
27/04/24 05:00	3	11.0	1.1	14.9	15.9	1.1	13.5	72	1.0	287	11
27/04/24 06:00	1	10.0	1.1	17.2	18.4	0.7	12.8	75	0.8	311	17

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/04/24 07:00	2	17.0	17.0	19.6	36.6	0.7	12.0	79	1.1	24	14
27/04/24 08:00	5	17.0	13.2	16.9	30.0	0.6	12.6	79	1.3	3	21
27/04/24 09:00	4	19.0	5.6	11.2	16.8	0.5	13.0	75	1.6	7	21
27/04/24 10:00	1	12.0	4.8	8.6	13.4	0.6	14.8	66	1.1	345	30
27/04/24 11:00	0	11.0	5.1	8.1	13.2	0.7	15.9	62	0.7	281	37
27/04/24 12:00	4	15.0	6.4	9.8	16.3	0.9	16.1	65	2.6	198	9
27/04/24 13:00	2	11.0	5.4	10.0	15.4	1.0	17.7	59	1.6	172	21
27/04/24 14:00	2	11.0	4.2	7.8	12.1	1.0	17.9	60	2.0	188	14
27/04/24 15:00	2	10.0	1.8	5.0	6.8	0.7	18.6	59	2.2	183	15
27/04/24 16:00	1	13.0	0.7	3.6	4.3	0.4	17.7	62	2.7	182	14
27/04/24 17:00	1	18.0	0.2	2.8	3.0	0.4	16.8	66	2.5	159	18
27/04/24 18:00	2	17.0	0.2	3.2	3.4	0.3	16.3	68	2.2	135	16
27/04/24 19:00	6	27.0	0.3	9.5	9.7	0.3	16.0	67	2.1	109	9
27/04/24 20:00	9	33.0	1.0	18.5	19.5	0.0	15.5	71	2.6	104	8
27/04/24 21:00	6	17.0	1.6	11.5	13.2	-0.1	14.7	78	1.6	97	14
27/04/24 22:00	6	21.0	1.7	14.3	16.0	-0.2	14.1	81	0.7	61	18
27/04/24 23:00	12	18.0	4.9	20.3	25.2	0.1	13.5	83	0.7	41	11
28/04/24 00:00	13	26.0	16.3	25.6	41.8	0.2	12.2	82	1.9	326	13
28/04/24 01:00	9	27.0	18.5	22.9	41.4	0.2	11.4	83	1.5	342	17
28/04/24 02:00	8	23.0					10.8	83	1.5	352	17
28/04/24 03:00	6	18.0	7.5	19.0	26.5	-0.1	10.4	83	1.7	356	17
28/04/24 04:00	7	17.0	4.5	17.8	22.3	0.0	10.5	83	1.5	1	19
28/04/24 05:00	6	17.0	0.8	12.7	13.5	-0.1	10.4	84	0.8	359	23
28/04/24 06:00	7	17.0	11.5	17.6	29.1	0.0	10.3	84	1.4	351	16
28/04/24 07:00	13	23.0	6.8	16.7	23.5	0.1	10.2	84	1.2	348	19
28/04/24 08:00	11	28.0	31.2	17.7	48.9	0.4	10.3	84	0.7	348	29
28/04/24 09:00	11	26.0	13.9	15.6	29.5	0.4	11.7	75	1.0	38	25
28/04/24 10:00	11	33.0	23.0	20.0	43.0	0.6	13.8	69	1.0	305	25
28/04/24 11:00	12	31.0	10.0	13.4	23.4	0.9	17.6	52	1.7	356	27
28/04/24 12:00	7	28.0	1.6	5.4	7.0	0.5	19.9	47	1.2	321	34
28/04/24 13:00	6	29.0	1.8	5.5	7.3	0.7	21.8	41	2.9	13	26
28/04/24 14:00	4	30.0	1.2	4.4	5.6	0.4	22.5	39	2.7	359	30
28/04/24 15:00	7	28.0	1.1	5.2	6.3	0.4	22.8	38	2.3	333	31
28/04/24 16:00	7	30.0	1.1	5.7	6.8	0.7	23.4	37	2.7	356	27
28/04/24 17:00	7	32.0	0.9	6.9	7.9	0.6	23.4	37	2.5	314	25
28/04/24 18:00	8	26.0	0.3	7.8	8.1	0.4	22.2	41	2.2	298	15
28/04/24 19:00	22	38.0	7.2	28.6	35.8	0.5	20.6	45	1.0	317	16
28/04/24 20:00	16	45.0	23.0	38.6	61.5	0.9	19.4	51	1.1	330	18
28/04/24 21:00	17	40.0	8.4	38.2	46.5	0.9	18.5	51	1.0	357	24
28/04/24 22:00	15	36.0	1.8	31.8	33.6	0.7	17.8	52	1.4	353	28
28/04/24 23:00	15	34.0	1.4	27.7	29.1	0.5	17.0	54	1.7	346	25
29/04/24 00:00	14	38.0	1.8	27.2	28.9	0.7	16.3	55	1.8	355	24
29/04/24 01:00	11	28.0	0.3	13.8	14.1	0.5	17.0	48	1.5	355	27
29/04/24 02:00	9	23.0					17.1	44	1.8	357	26
29/04/24 03:00	6	18.0	0.2	8.3	8.5	0.4	17.0	43	1.6	359	25

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/04/24 04:00	4	19.0	0.1	8.2	8.3	0.4	17.2	42	1.4	3	26
29/04/24 05:00	2	20.0	1.3	12.0	13.3	0.5	17.3	41	1.5	1	21
29/04/24 06:00	3	23.0	3.2	18.1	21.3	0.5	17.3	42	1.5	351	25
29/04/24 07:00	7	32.0	35.9	29.8	65.6	1.1	17.1	43	1.8	339	17
29/04/24 08:00	6	33.0	33.1	22.2	55.3	1.4	17.4	53	2.7	245	9
29/04/24 09:00	3	16.0	0.4	4.2	4.6	0.4	16.8	68	4.7	231	5
29/04/24 10:00	2	11.0	1.3	6.0	7.3	0.4	16.3	76	4.1	241	7
29/04/24 11:00	3	14.0	1.5	7.1	8.6	0.5	16.1	78	3.4	241	7
29/04/24 12:00	5	15.0	1.1	2.9	4.0	0.5	16.3	76	4.2	229	6
29/04/24 13:00	2	23.0	0.3	1.7	2.0	0.5	16.5	72	3.7	214	5
29/04/24 14:00	4	23.0	0.5	1.6	2.2	0.4	16.8	65	2.8	187	12
29/04/24 15:00	7	20.0	0.4	0.9	1.3	0.4	16.2	72	5.0	191	9
29/04/24 16:00	5	15.0	0.1	0.5	0.6	0.3	16.1	67	5.1	194	9
29/04/24 17:00	2	21.0	0.2	0.4	0.6	0.3	15.9	65	4.8	193	9
29/04/24 18:00	3	26.0	0.1	0.5	0.6	0.3	15.9	62	4.3	190	10
29/04/24 19:00	4	25.0	0.7	2.8	3.5	0.3	15.8	58	4.5	192	9
29/04/24 20:00	5	22.0	0.1	0.8	0.9	0.2	15.8	61	5.0	193	8
29/04/24 21:00	6	22.0	0.3	1.4	1.7	0.2	15.7	60	5.2	196	8
29/04/24 22:00	3	23.0	0.1	0.6	0.7	0.4	15.5	64	5.0	191	9
29/04/24 23:00	0	21.0	0.1	0.8	1.0	0.3	15.3	64	4.5	190	10
30/04/24 00:00	1	21.0	-0.1	0.6	0.5	0.3	14.9	63	4.4	186	12
30/04/24 01:00	1	25.0	-0.1	0.6	0.5	0.1	14.8	63	2.7	152	17
30/04/24 02:00	5	46.0					13.5	74	3.4	109	9
30/04/24 03:00	5	49.0	-0.1	2.3	2.2	0.2	13.5	71	3.0	108	9
30/04/24 04:00	3	36.0	0.1	2.2	2.3	0.2	13.9	69	2.6	123	15
30/04/24 05:00	2	41.0	0.0	3.5	3.5	0.2	13.9	65	2.8	123	15
30/04/24 06:00	3	32.0	0.2	1.6	1.8	0.0	14.4	61	2.8	160	19
30/04/24 07:00	3	21.0	0.0	0.6	0.6	0.2	14.1	69	4.1	152	16
30/04/24 08:00	4	14.0	3.4	4.2	7.7	0.3	13.5	73	3.6	144	15
30/04/24 09:00	2	24.0	7.7	5.9	13.7	0.7	13.7	76	2.7	143	16
30/04/24 10:00	-2	12.0	2.2	6.1	8.3	1.3	13.9	71	2.8	131	14
30/04/24 11:00	-2	16.0	1.5	4.1	5.6	0.6	15.0	66	2.3	149	24
30/04/24 12:00	-1	11.0	0.5	1.8	2.3	0.5	14.1	75	2.5	152	20
30/04/24 13:00	-2	15.0	0.9	1.9	2.9	0.3	14.7	71	2.7	141	18
30/04/24 14:00	-2	16.0	0.8	2.6	3.4	0.9	15.0	67	2.9	134	15
30/04/24 15:00	-1	15.0	0.7	2.1	2.9	0.5	15.7	65	2.8	171	19
30/04/24 16:00	3	14.0	4.6	5.9	10.6	0.4	15.9	68	3.8	192	10
30/04/24 17:00	1	14.0	2.8	5.3	8.1	0.2	15.3	75	3.8	184	13
30/04/24 18:00	1	17.0	1.0	1.6	2.6	0.2	14.9	79	3.7	180	16
30/04/24 19:00	2	16.0	0.2	0.7	0.8	0.3	14.5	80	2.3	157	24
30/04/24 20:00	1	15.0	0.1	1.3	1.4	0.2	14.5	79	3.0	126	14
30/04/24 21:00	0	15.0	0.0	2.6	2.5	0.5	13.9	81	1.8	118	14
30/04/24 22:00	1	20.0	0.1	7.6	7.7	0.5	13.5	84	2.1	97	10
30/04/24 23:00	2	10.0	0.7	9.7	10.4	0.3	13.1	83	1.2	91	10
01/05/24 00:00	0	16.0	0.4	7.4	7.7	0.2	13.5	81	1.6	93	8

Station Pier Ambient Air Quality Monitoring Program

April 2024

1-Day Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
1/04/2024	15	32	2.7	12.3	15.0	0.6	20.5	76	1.4	28	18
2/04/2024	2	10	3.1	9.5	12.5	1.2	17.6	81	4.5	257	14
3/04/2024	3	15	4.6	8.0	12.6	1.1	15.6	77	1.6	232	13
4/04/2024	3	17	5.6	7.6	13.2	1.1	16.2	66	2.2	132	16
5/04/2024	4	20	11.8	8.3	20.1	1.3	17.4	73	2.6	165	12
6/04/2024	4	20	16.8	9.9	26.7	0.8	18.8	77	1.3	118	15
7/04/2024	2	10	7.5	5.0	12.5	1.7	18.8	86	2.2	197	13
8/04/2024	2	10	6.0	10.3	16.3	1.7	16.6	79	3.5	252	12
9/04/2024	3	14	12.8	9.4	22.2	1.4	14.3	77	5.7	229	8
10/04/2024	0	10	2.2	5.5	7.7	1.8	15.9	76	5.0	228	7
11/04/2024	0	10	1.7	5.1	6.8	1.8	16.0	79	3.0	221	9
12/04/2024	-2	9	1.1	4.7	5.8	0.7	16.0	76	1.9	228	14
13/04/2024	0	11	3.8	8.3	12.0	1.6	16.3	74	0.9	230	14
14/04/2024	5	16	15.9	12.2	28.1	1.3	16.2	74	0.3	34	17
15/04/2024	6	21	25.0	10.3	35.4	1.7	16.7	75	0.4	186	18
16/04/2024	2	18	17.9	10.1	28.0	2.2	16.3	81	0.6	178	18
17/04/2024	1	14	13.3	6.6	19.9	1.7	15.7	81	2.1	199	14
18/04/2024	-1	11	5.3	11.0	16.3	1.1	15.1	78	3.5	263	12
19/04/2024	-1	16	0.8	3.5	4.3	0.5	16.1	79	2.6	190	15
20/04/2024	3	20	14.5	8.4	23.0	1.2	14.9	74	1.5	176	14
21/04/2024	5	19	6.1	11.4	17.5	0.8	14.7	73	0.4	199	16
22/04/2024	15	37	27.2	21.6	48.8	0.6	16.2	66	0.7	359	24
23/04/2024	12	45	2.0	14.2	16.2	0.4	20.6	44	2.1	328	24
24/04/2024	1	15	1.4	6.0	7.4	0.4	13.9	73	5.3	245	9
25/04/2024	0	14	1.3	6.0	7.3	0.2	14.2	75	4.6	238	8
26/04/2024	-1	11	1.3	6.7	8.0	0.7	14.6	69	4.7	234	7
27/04/2024	3	16	4.3	11.9	16.2	0.5	14.9	70	0.5	183	16
28/04/2024	10	29	8.0	18.0	26.0	0.4	16.4	60	1.5	346	23
29/04/2024	4	21	3.5	6.3	9.9	0.5	16.4	59	2.5	209	13
30/04/2024	1	21	1.2	3.6	4.8	0.4	14.3	73	2.5	143	15

Valid Data Exception Table

April 2024

GHD Station Pier

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/04/24 00:00	21/04/24 23:40	Static offset of +1 ppb applied to correct SO ₂ baseline	SO ₂	AN	28/05/24
01/04/24 01:00	30/04/24 01:55	Automatic calibration checks occurring every night between 01:00 and 01:55	NO, NO ₂ , NO _x , SO ₂	AN	28/05/24
01/04/24 02:00	01/04/24 03:30	Data gap due to logger error	All parameters	AN	28/05/24
02/04/24 00:45	10/04/24 00:50	Automatic background checks from 00:45 to 00:50 every night	SO ₂	AN	28/05/24
02/04/24 16:45	24/04/24 09:20	Intermittent unrealistic negative readings	NO, NO ₂ , NO _x	AN	28/05/24
10/04/24 09:00	10/04/24 10:45	Scheduled monthly maintenance	All parameters	AN	28/05/24
10/04/24 23:45	30/04/24 23:50	Automatic background checks from 23:45 to 23:50 every night	SO ₂	AN	28/05/24
28/04/24 11:50	28/04/24 12:10	Additional background check performed	NO, NO ₂ , NO _x , SO ₂	AN	28/05/24

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



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→ **The Power of Commitment**