



Station Pier Air Quality Monitoring Program

**Air Quality Monitoring Report – March
2024**

Ports Victoria

23 May 2024

→ **The Power of Commitment**



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S4	A	J Potgieter	C Y Sim P Pandey	 	E Smith		23/05/24

GHD Pty Ltd | ABN 39 008 488 373

Contact: Pri Pandey, Senior Engineer | Service Line Leader, Air & Noise, APAC | GHD
133 Castlereagh Street, Level 15
Sydney, New South Wales 2000, Australia
T +61 2 9239 7100 | **F** +61 2 9239 7199 | **E** sydmall@ghd.com | **ghd.com**

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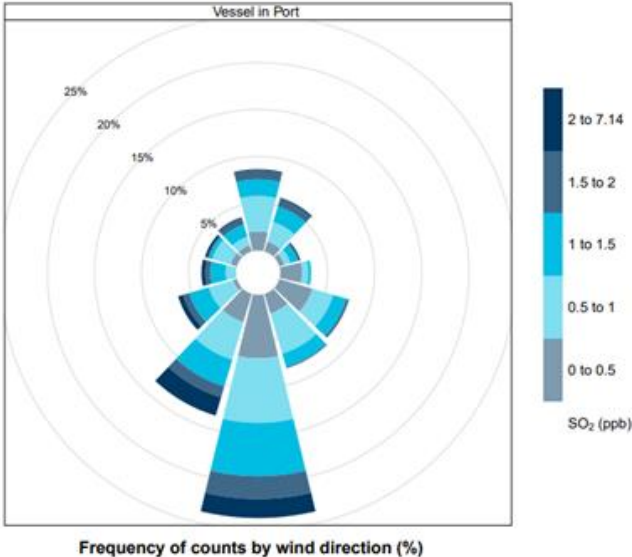
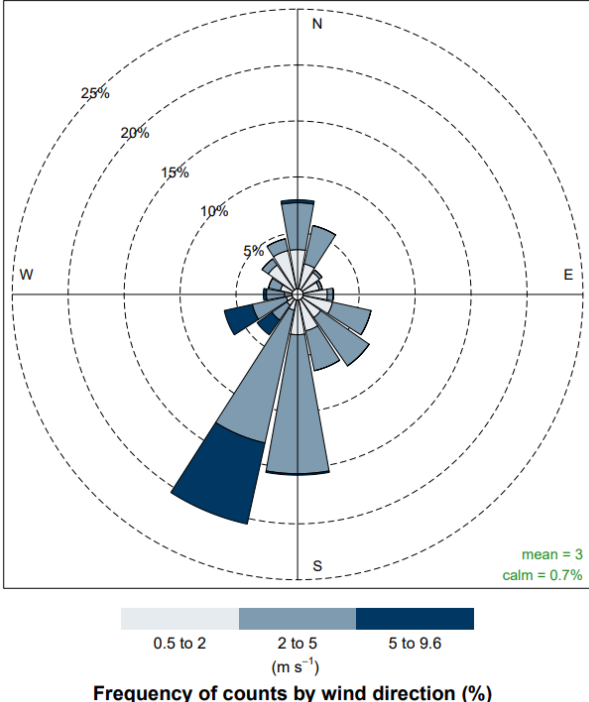
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Glossary of terms

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 31 March 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 – March 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 March 2024 to 31 March 2024. - Other impacts to air quality in the region.	Appendix B
5	Data analysis – Long term	Detailed analysis of data for the entire monitoring period, between 4 December 2024 and 31 March 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 March 2024 to 31 March 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.

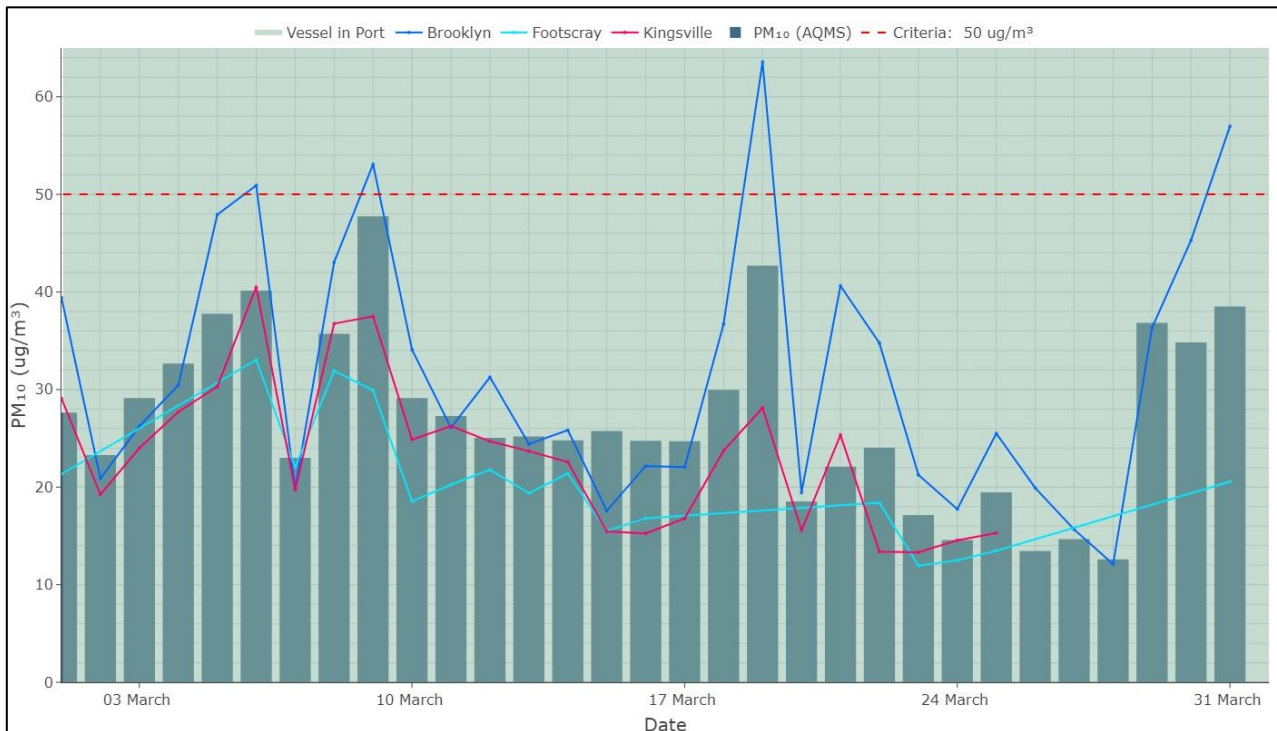


Figure 2 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (March 2024) (criteria: 50 µg/m³)

All concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 47.8 µg/m³, which is 4.5% below the criterion. During the days when elevated PM₁₀ concentrations were measured at Station Pier, namely 9, 19, 29, 30 and 31 March, elevated PM₁₀ concentrations were also observed at EPA Stations such as Brooklyn and Kingsville stations.

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.

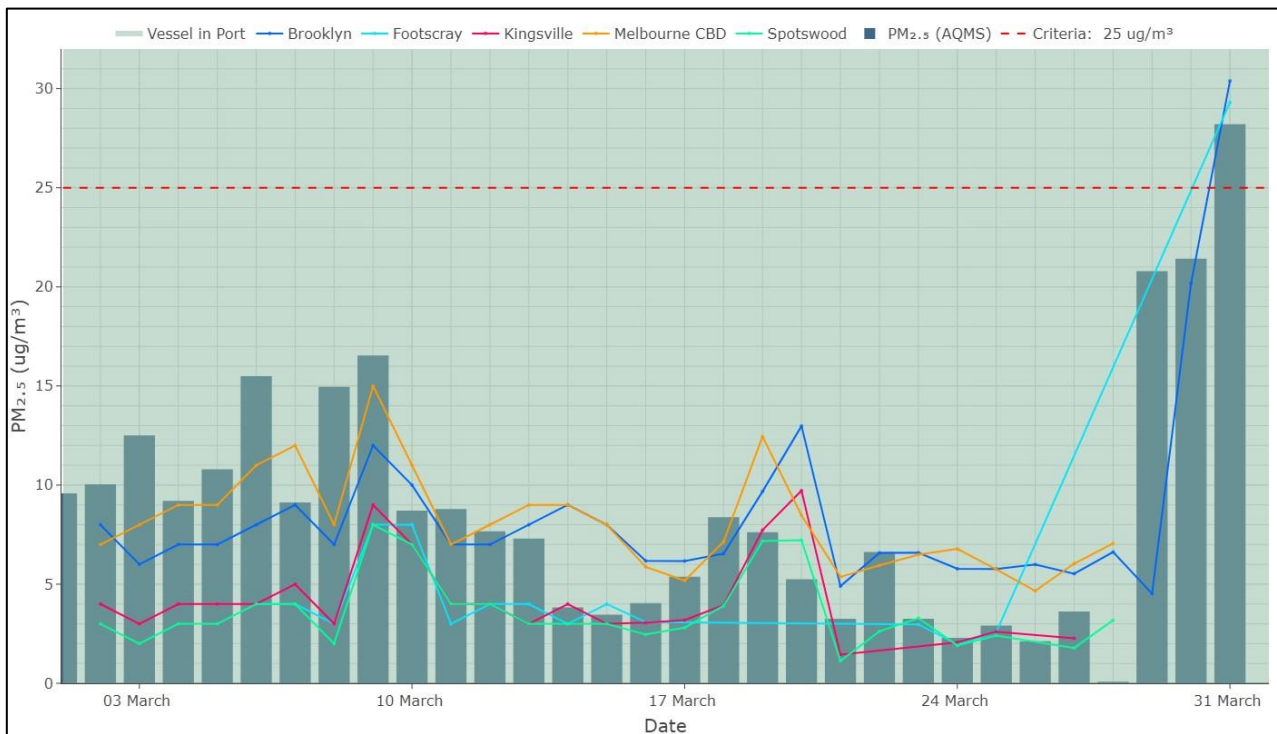


Figure 3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (March 2024) (criteria: 25 µg/m³)

Concentrations were above the adopted criterion on one day, with a maximum 24-hour average observation of 28 µg/m³ which is 13% above the criterion. All other daily concentration readings for the month were below the adopted criterion. During the days when elevated PM_{2.5} concentrations were measured at Station Pier, namely 9, 18, 19, 29, 30 and 31 March, elevated PM_{2.5} concentrations were also observed at EPA Stations such as Melbourne CBD, Brooklyn, Kingsville and Spotswood stations.

On 31 March, when 24-hour average PM_{2.5} measured at Station Pier AQMS was above the adopted criterion, high concentrations of PM_{2.5} concentrations were also observed at Brooklyn and Spotswood EPA Stations. The high levels of PM_{2.5} observed at Station Pier AQMS and EPA Stations indicate regional emission source(s) contributing to poor air quality to the region. The potential regional emission sources were the planned burns undertaken across Victoria over the weekend between 29 March and 31 March 2024.

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.

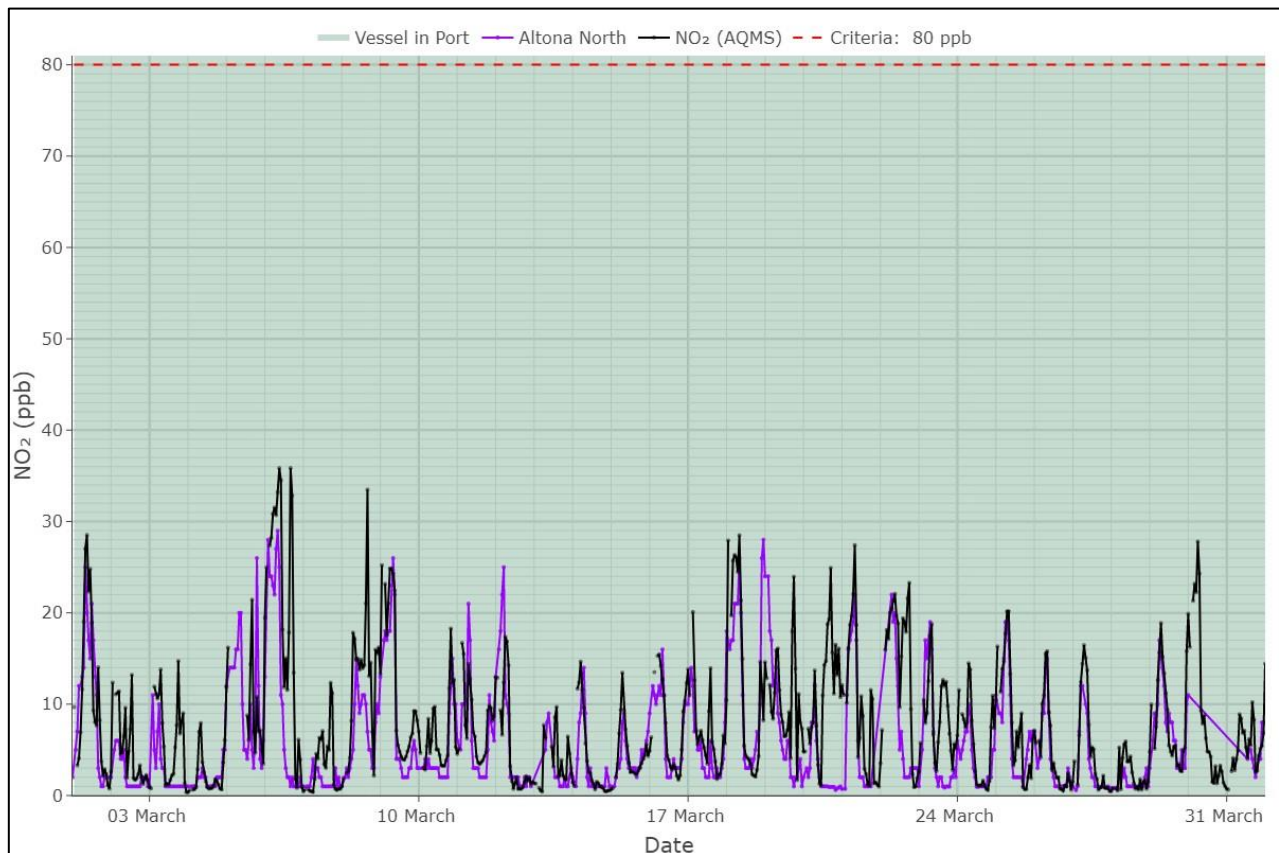


Figure 4 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (March 2024) (criteria: 80 ppb)

All concentrations were below the adopted criterion. The maximum hourly average concentration recorded was 35.9 ppb, which is 55% 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.

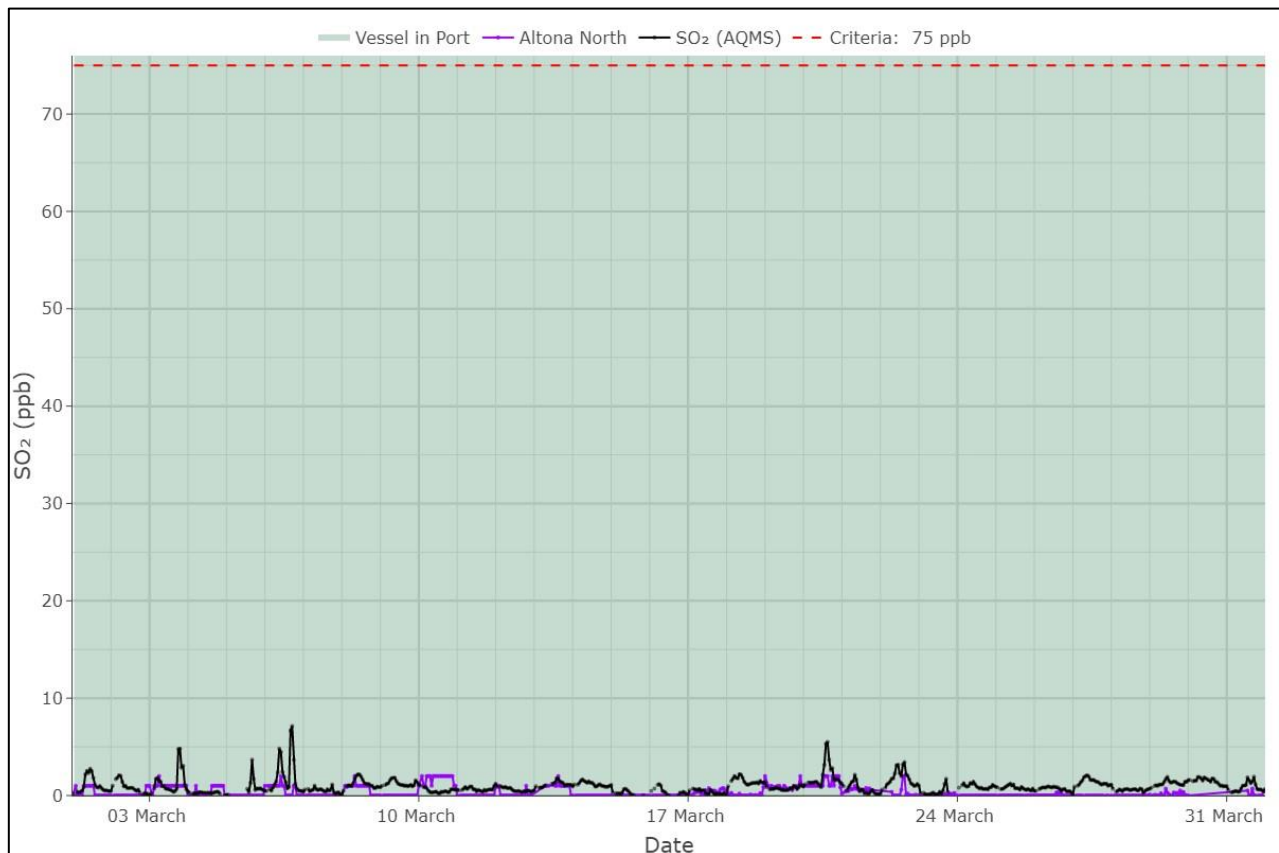


Figure 5 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (March 2024) (criteria: 75 ppb)

All concentrations were below the adopted criterion. The maximum hourly average concentration recorded was 7.1 ppb, which is 90% 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.

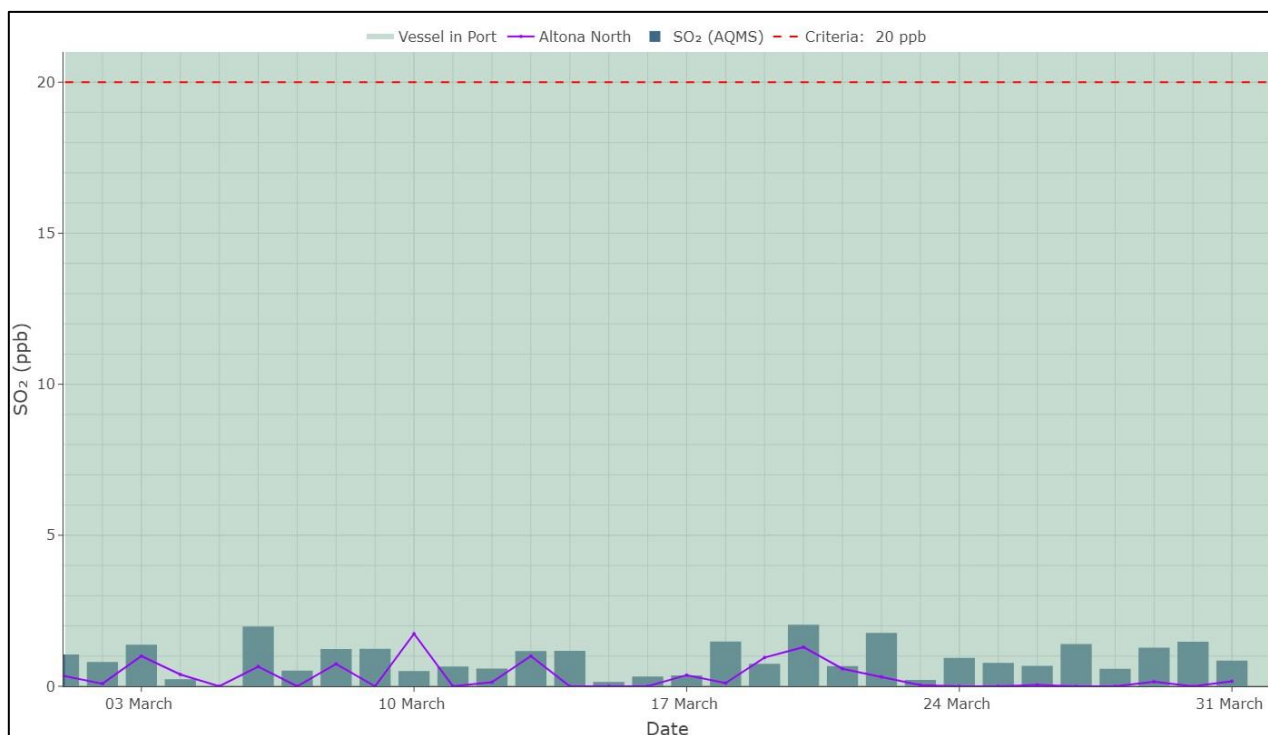


Figure 6 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA stations (March 2024) (criteria: 20 ppb)

All concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 2.0 ppb, which is 90% 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 March 2024 has been reviewed by ACOEM and the NATA accredited results are presented in this report.

All observations of PM₁₀, NO₂ and SO₂ during the month of March 2024 were lower than the adopted short-term criteria (1-hour and 24-hour), ranging from 4.5% (for maximum 24-hour average PM₁₀) to 90% (for maximum 1-hour and 24-hour average SO₂) below the relevant criteria. PM_{2.5} concentrations were above the adopted criterion on one day, with a maximum 24-hour average observation of 28 µg/m³ which is 13% above the criterion. On the day when maximum 24-hour average PM_{2.5} was observed at Station Pier AQMS, PM_{2.5} levels above the criterion were also observed at Brooklyn and Spotswood EPA Stations, indicating a regional emission source(s) contributing to high levels of PM_{2.5}.

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 – March 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 March 2024 to 31 March 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 March 2024 and 31 March 2024.

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

Table B.2 AQMS data availability and quality

Parameters	Units	Data availability (%) between 1 and 31 March 2024	Reason for missing data
PM ₁₀	µg/m ³	99%	– Scheduled three-monthly maintenance tasks performed (13 March 07:00 to 10:00)
PM _{2.5}	µg/m ³	99%	– Scheduled three-monthly maintenance tasks performed (13 March 07:00 to 10:00)
NO ₂	ppb	94%	– Automatic calibration checks every night between 01:00 and 01:55 – Intermittent instrument fault – unrealistic readings (2 March 10:40 to 31 March 08:50) – Instrument fault and repair (5 March 02:00 to 11:55) – Scheduled three-monthly maintenance tasks performed (13 March 07:00 to 10:00) – Power interruption and instrument stabilisation (16 March 03:30 – 03:55)
SO ₂	ppb	94%	– Automatic calibration checks every night between 01:00 and 01:55 – Internal reference checks occurring every night between 23:45 and 23:50 followed by intermittent instrument stabilisations (3 March – 4 March) – Instrument fault and repair (5 March 02:00 to 11:55) – Scheduled three-monthly maintenance tasks performed (13 March 07:00 to 10:00)
Wind speed	m/s	99%	– Scheduled three-monthly maintenance tasks performed (13 March 07:00 to 10:00)

Parameters	Units	Data availability (%) between 1 and 31 March 2024	Reason for missing data
Wind direction	°	99%	– Scheduled three-monthly maintenance tasks performed (13 March 07:00 to 10:00)
Ambient temperature	°C	60%	– Instrument fault – unrealistic reading (1 March to 13 March 07:10) – Scheduled three-monthly maintenance tasks performed (13 March 07:00 to 10:00)
Relative humidity	%	60%	– Instrument fault – unrealistic reading (1 March to 13 March 07:10) – Scheduled three-monthly maintenance tasks performed (13 March 07:00 to 10:00)
Sigma	°	99%	– Scheduled three-monthly maintenance tasks performed (13 March 07:00 to 10:00)

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 March 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 south-southwest comprising 20% of all incident winds, followed by winds from the south (16%).
- The average wind speed is at 3.0 m/s.
- Calms (wind speeds less than 0.5 m/s) occur 0.7% of the time.
- Winds from northeast and northwest quadrants occur less than 10% of the time for each direction.

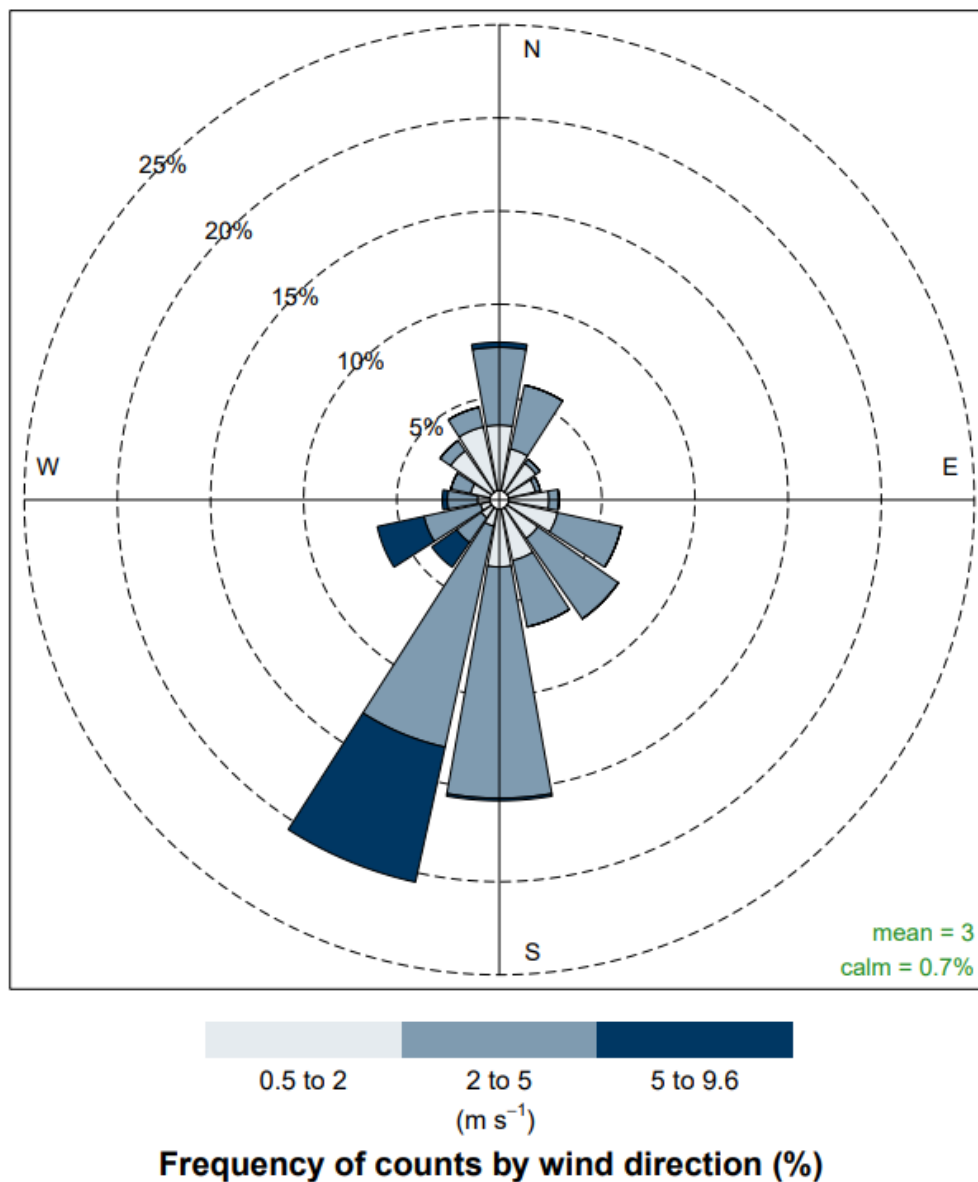


Figure B.2 March 2024 windrose at Station Pier

B-3-2 Other meteorological parameters

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

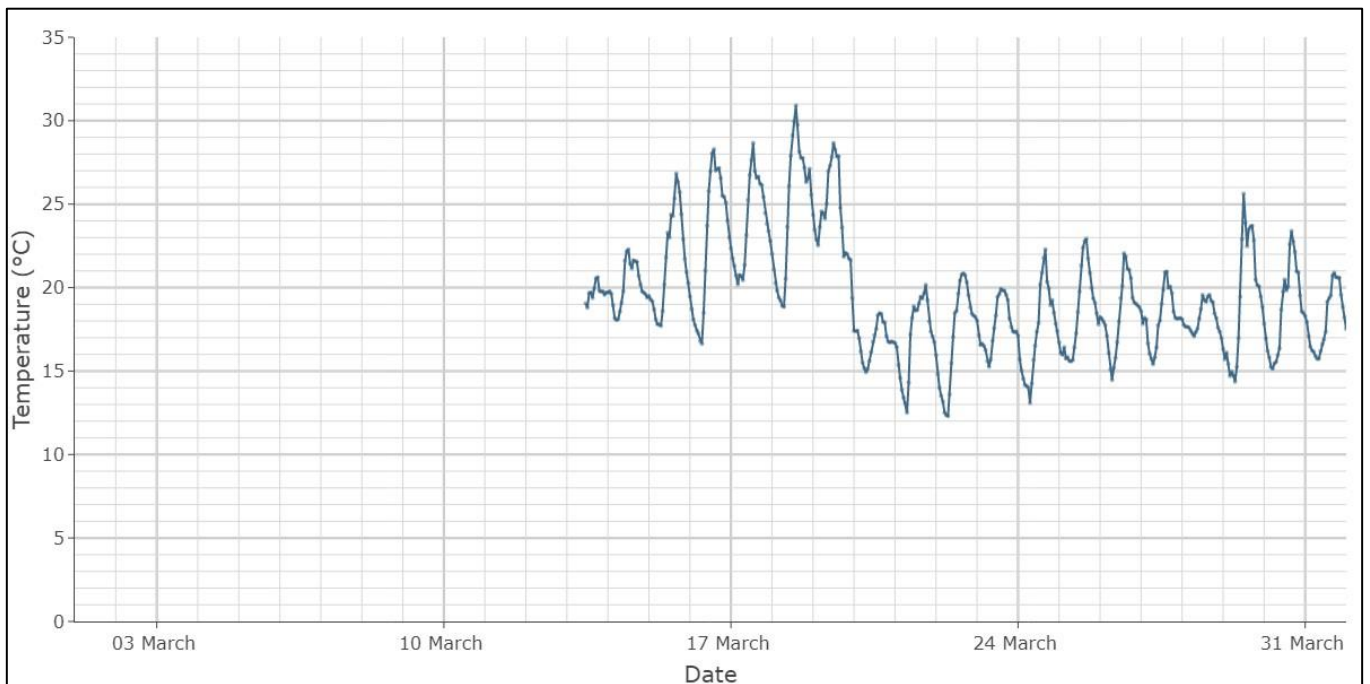


Figure B.3 March 2024 temperature observations at Station Pier

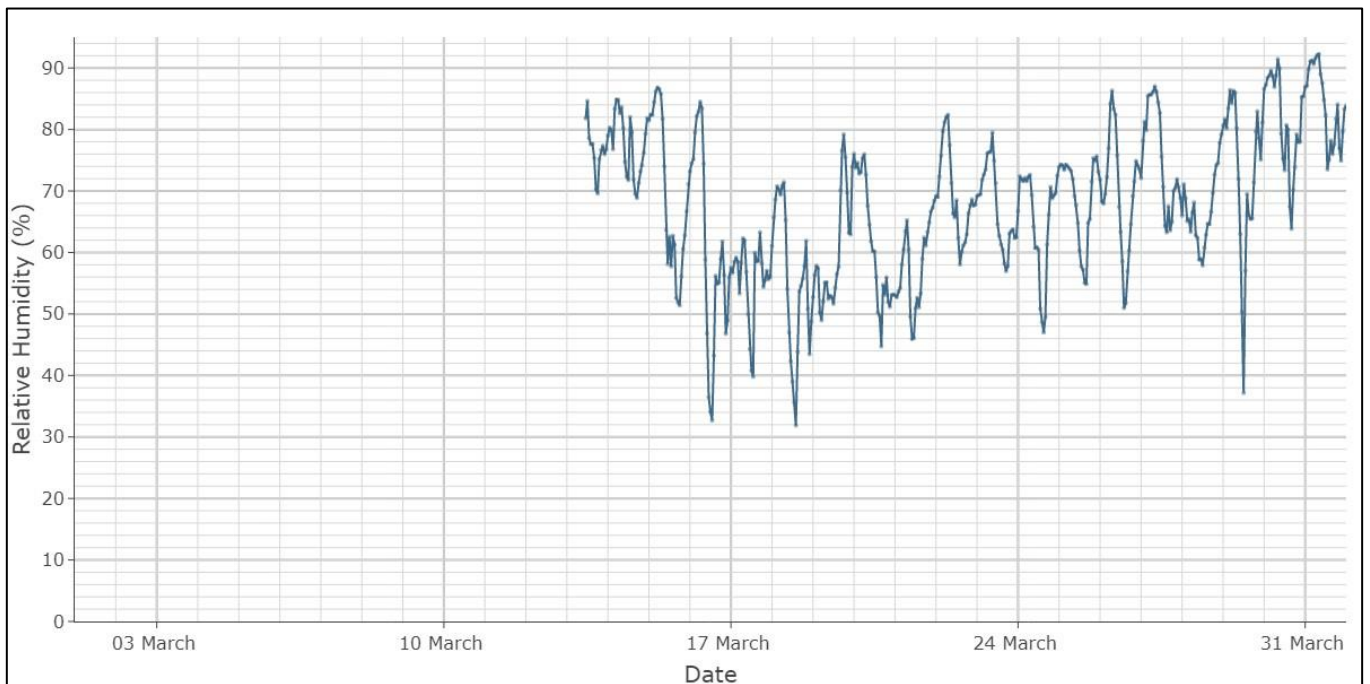


Figure B.4 March 2024 relative humidity observations at Station Pier

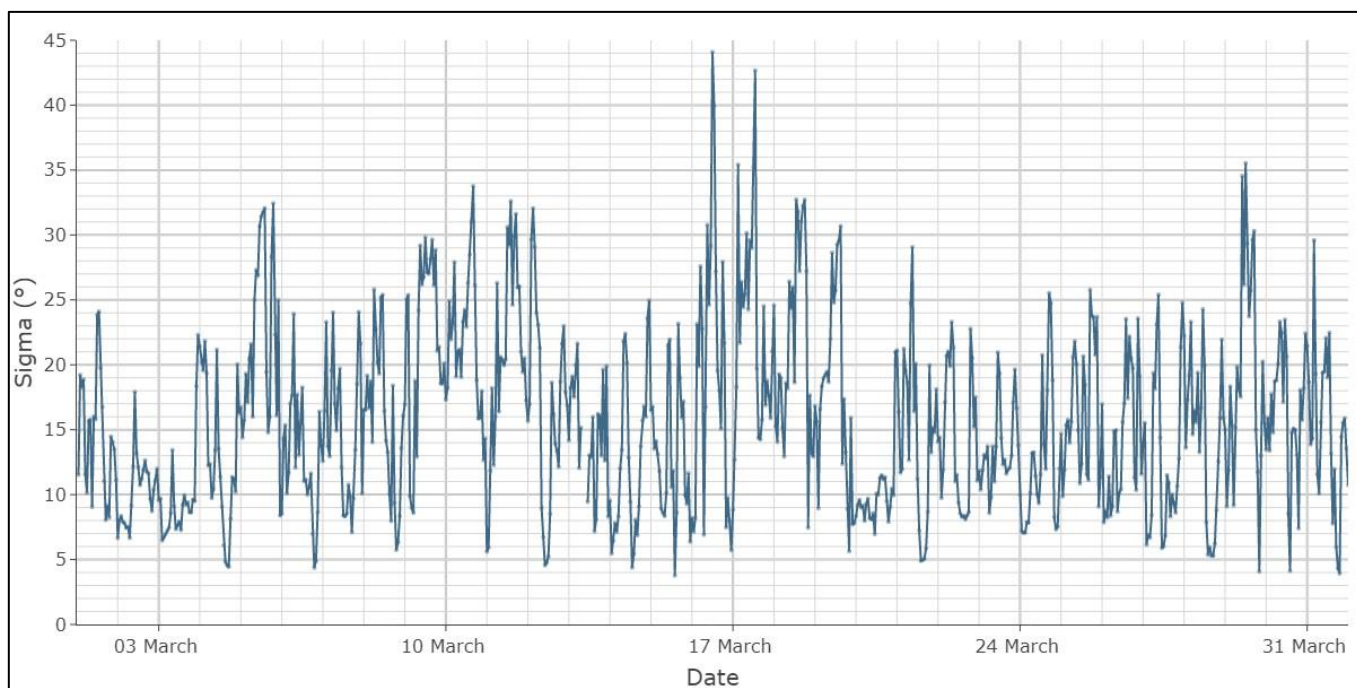


Figure B.5 *March 2024 sigma observations at Station Pier*

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.

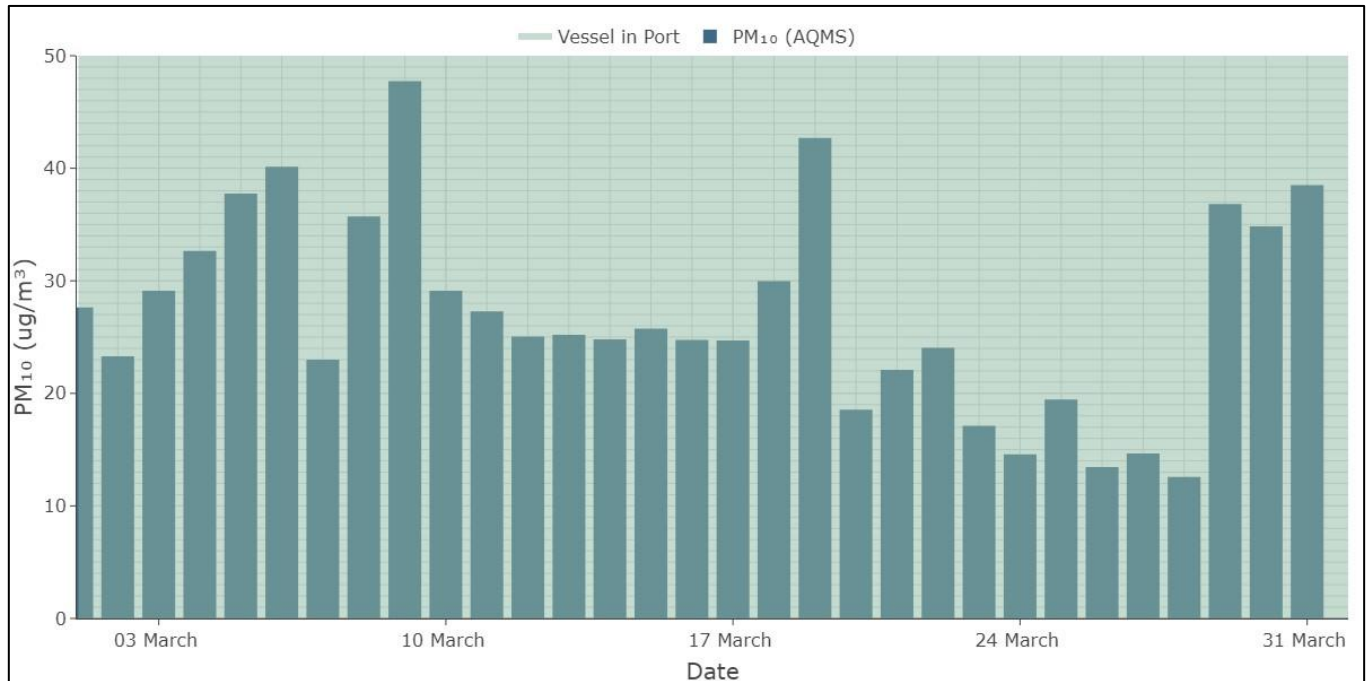


Figure B.6 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier (March 2024) (criteria: 50 µg/m³)

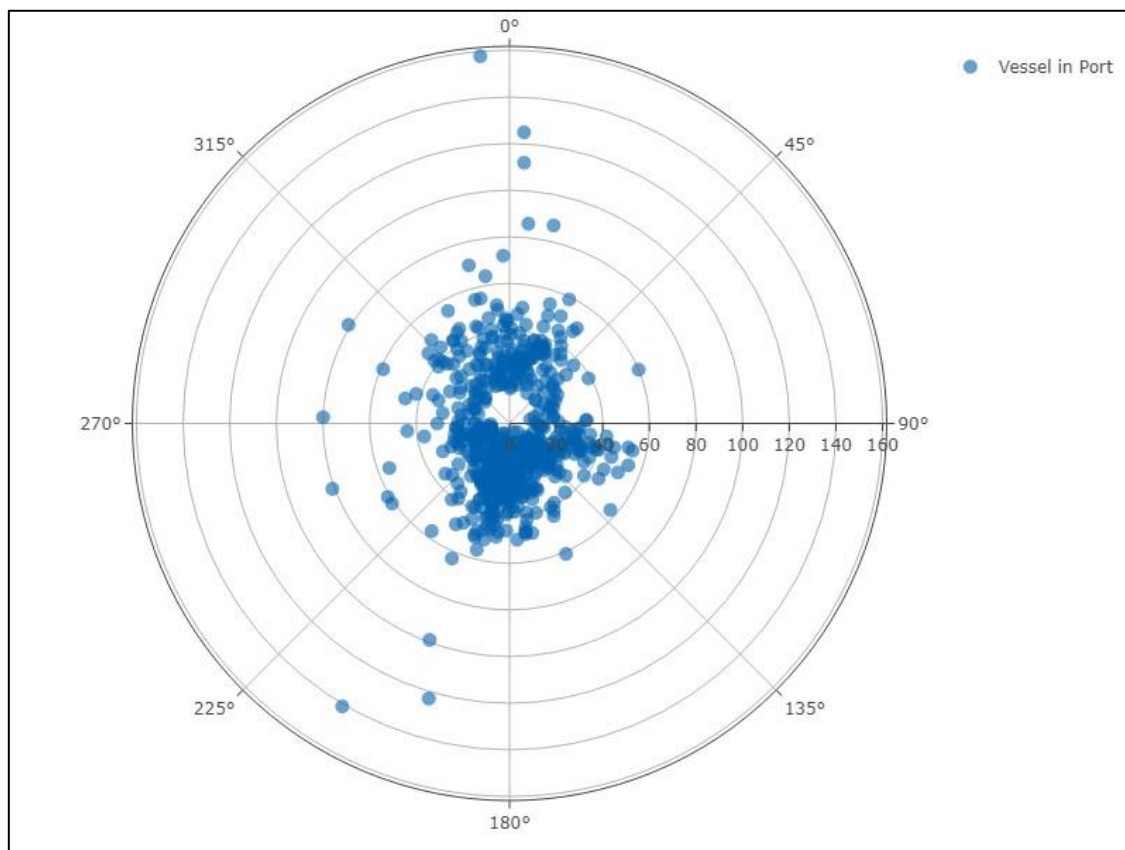


Figure B.7 Hourly average PM₁₀ concentration (µg/m³) by wind direction (March 2024)

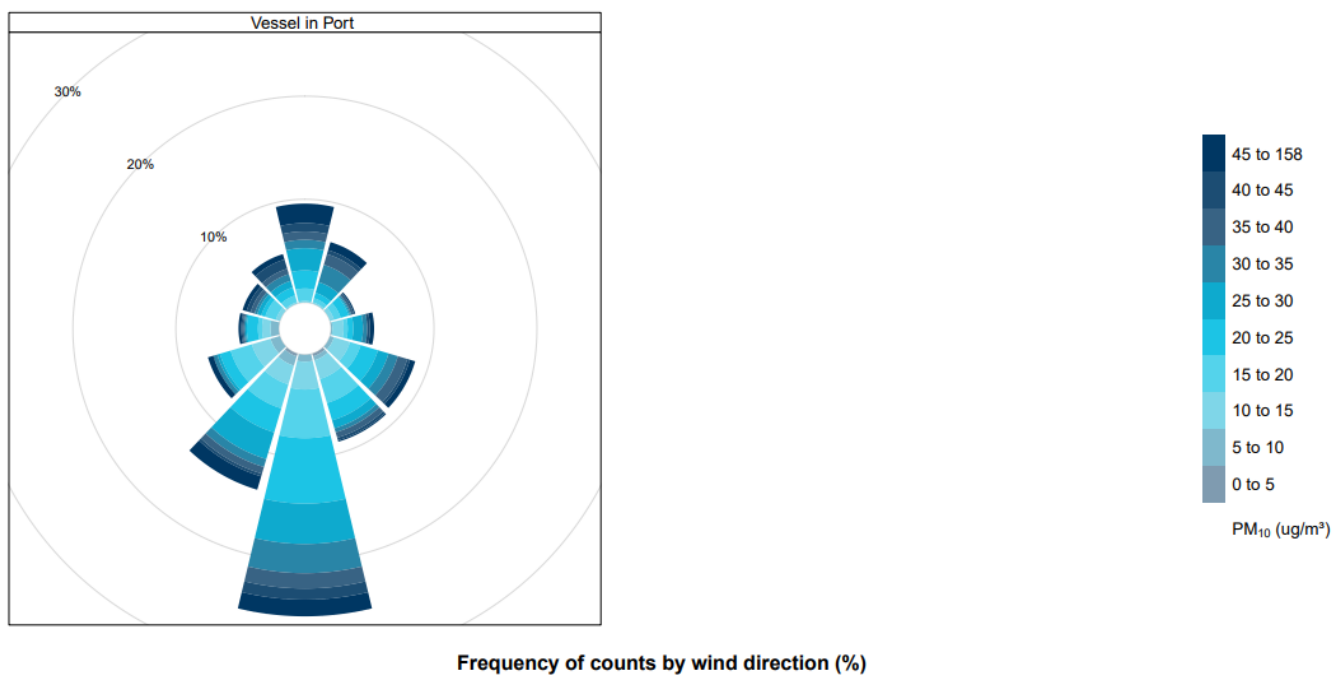


Figure B.8 Hourly average PM₁₀ concentration (µg/m³) pollution roses (March 2024)

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.

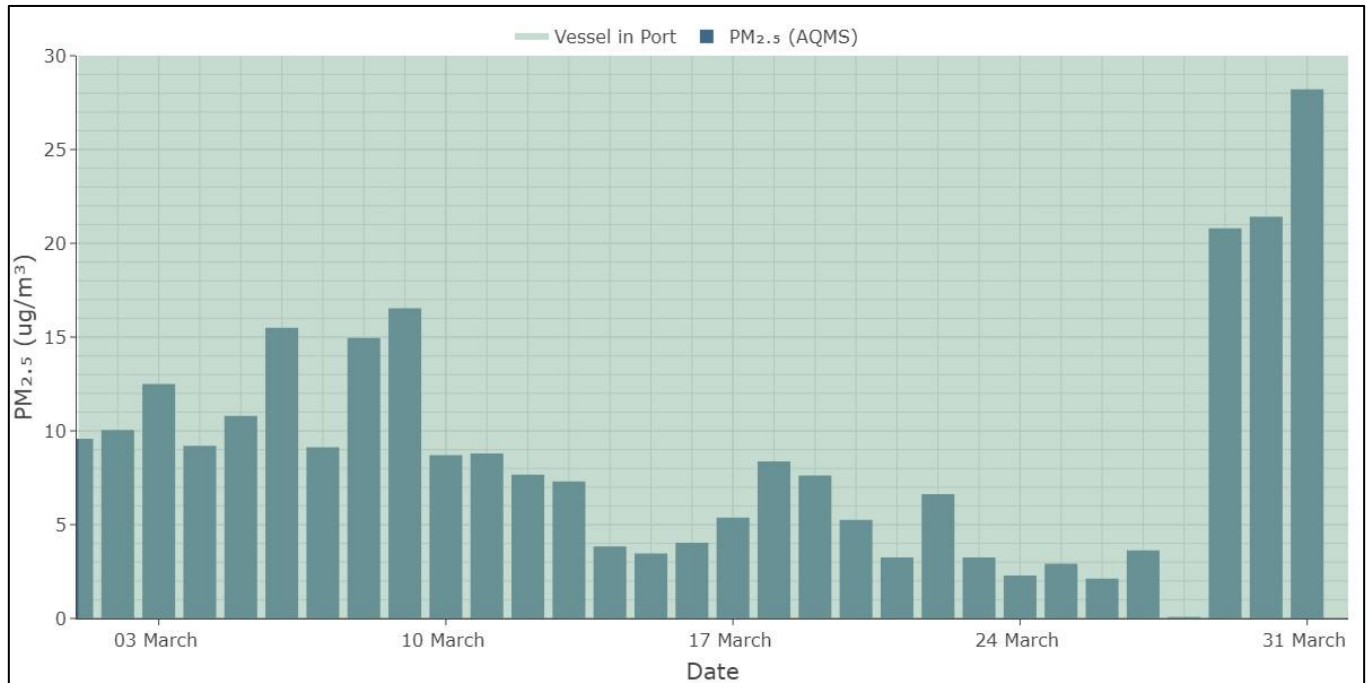


Figure B.9 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier (March 2024) (criteria: 25 µg/m³)

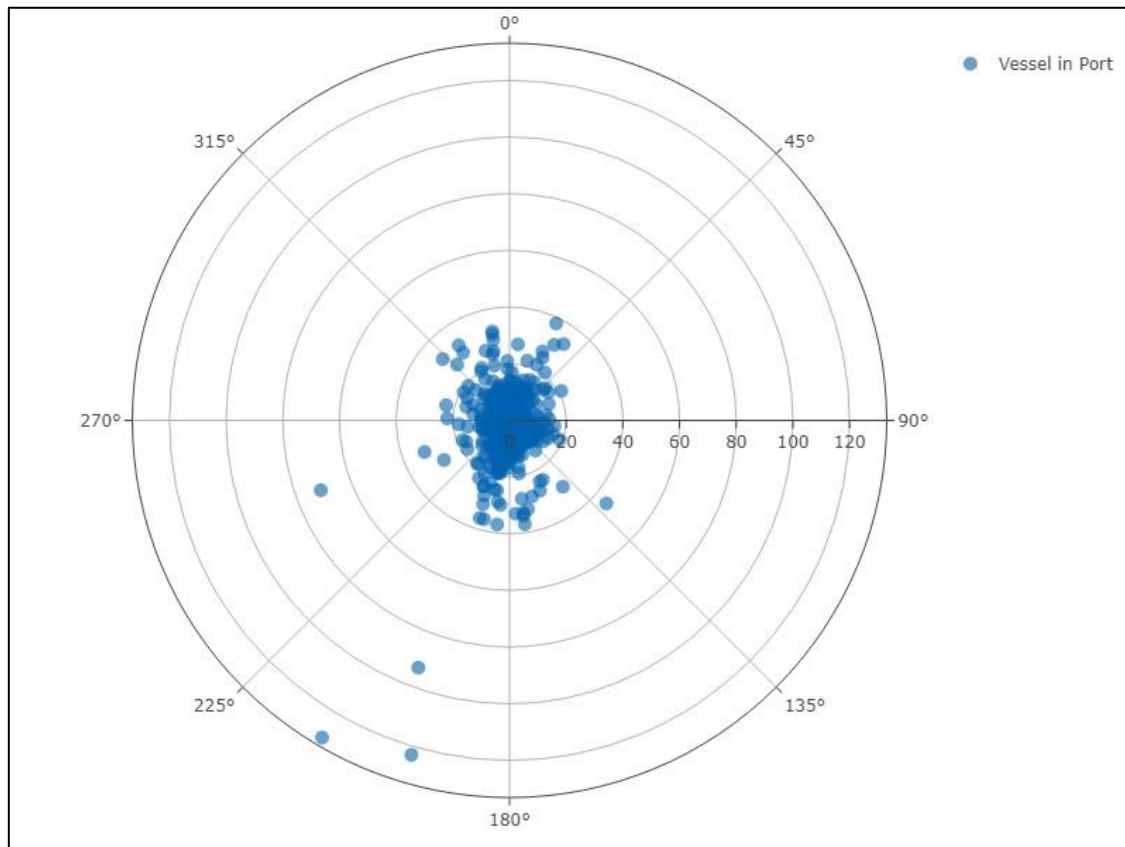


Figure B.10 Hourly average PM_{2.5} concentration (µg/m³) by wind direction (March 2024)

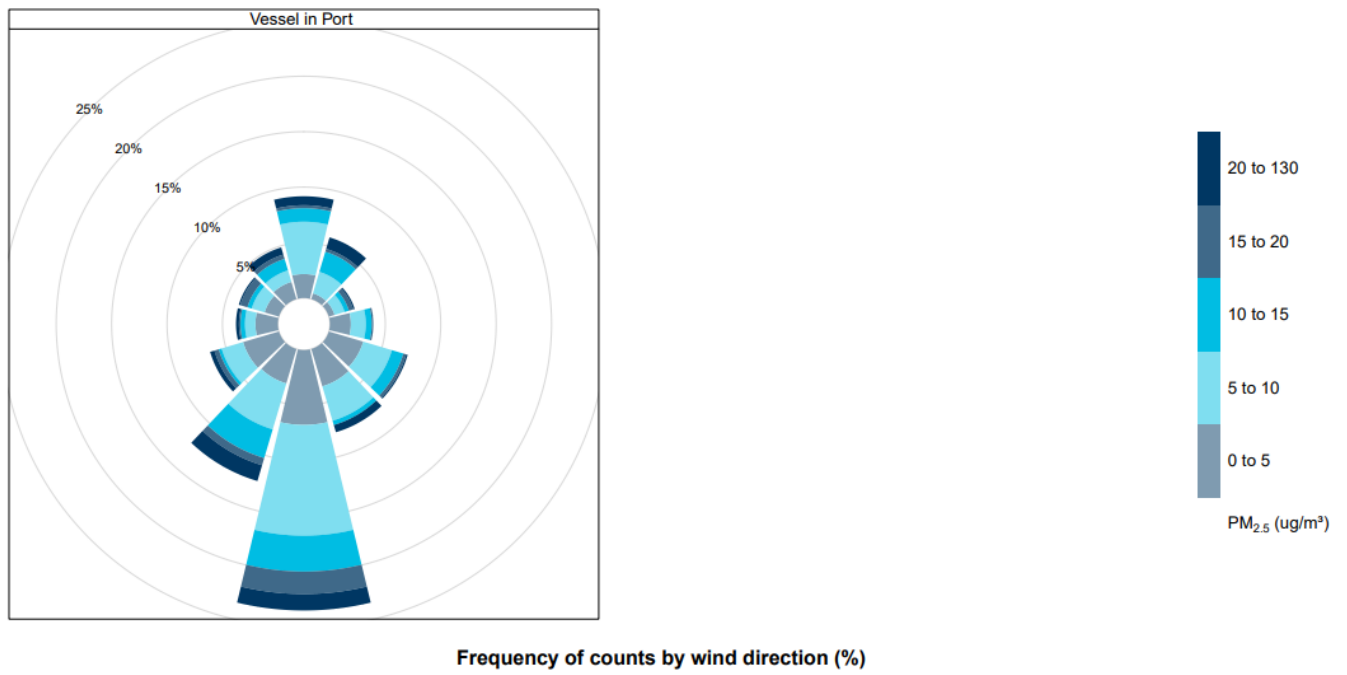


Figure B.11 Hourly average PM_{2.5} concentration (µg/m³) pollution roses (March 2024)

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.

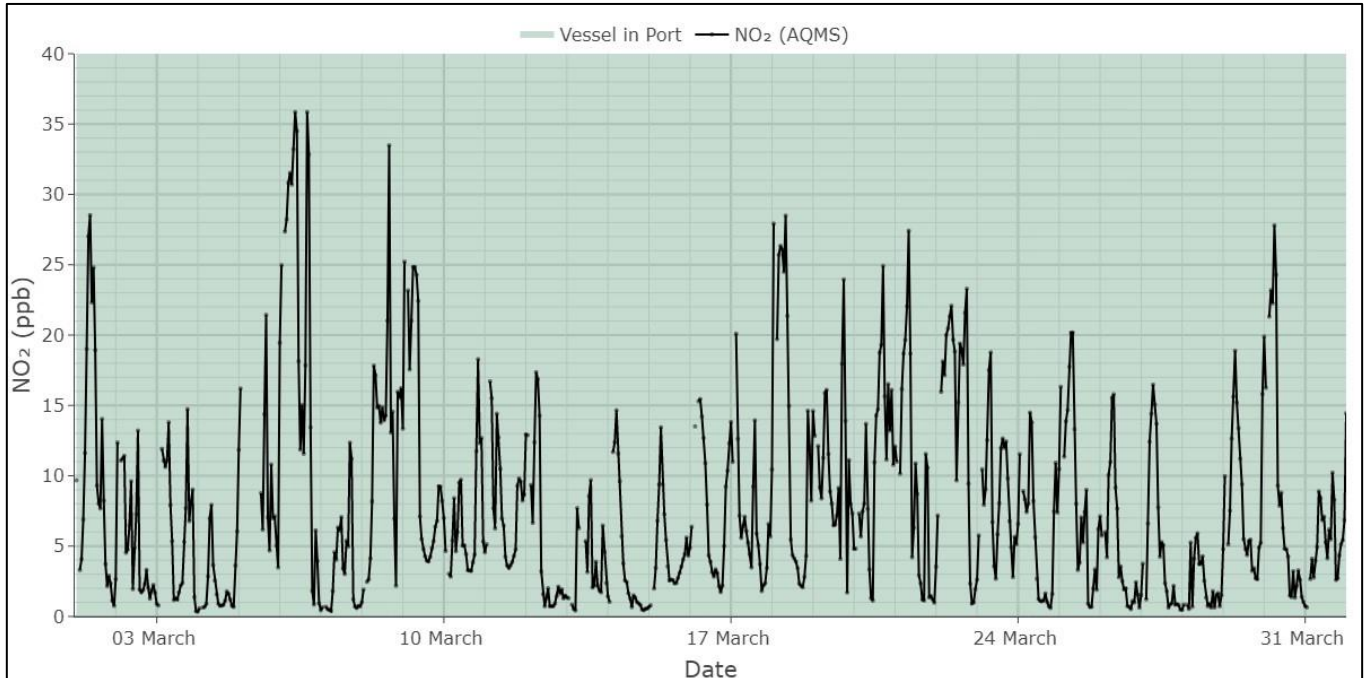


Figure B.12 Hourly average NO₂ concentrations (ppb) at Station Pier (March 2024) (criteria: 80 ppb)

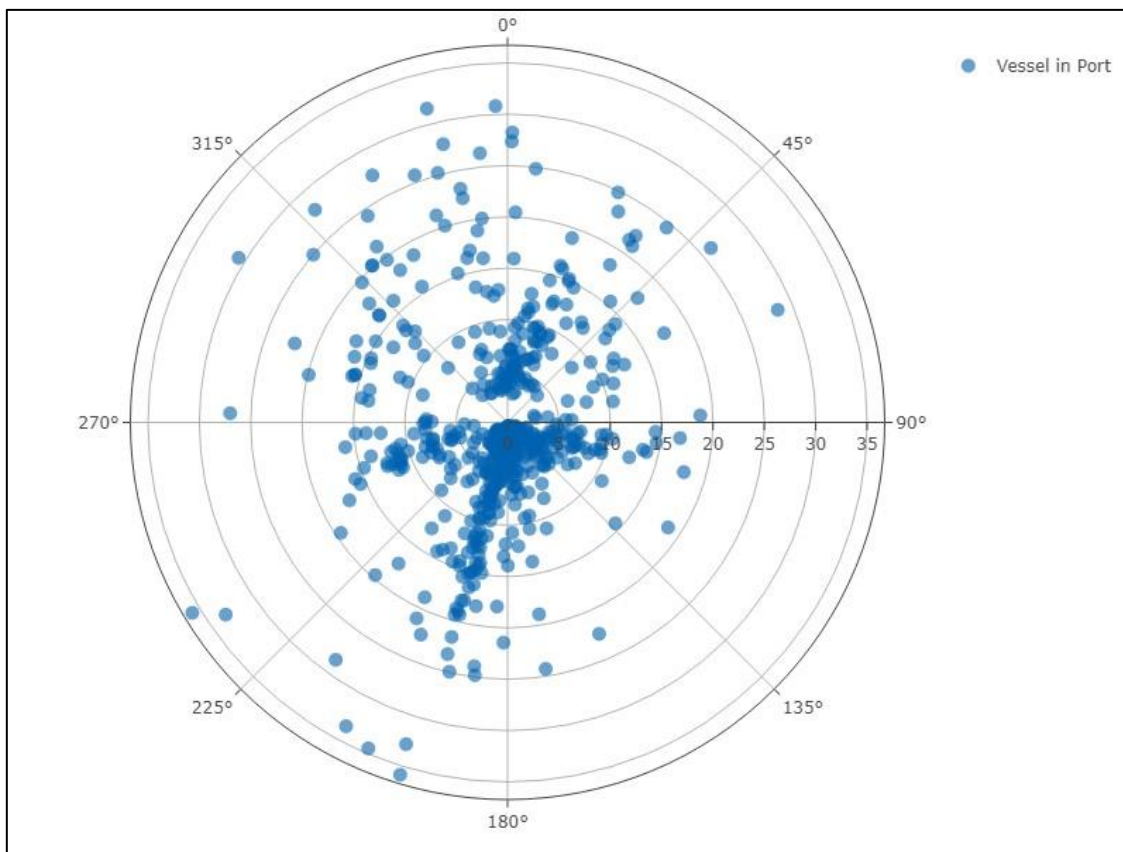


Figure B.13 *Hourly average NO₂ concentration (ppb) by wind direction (March 2024)*

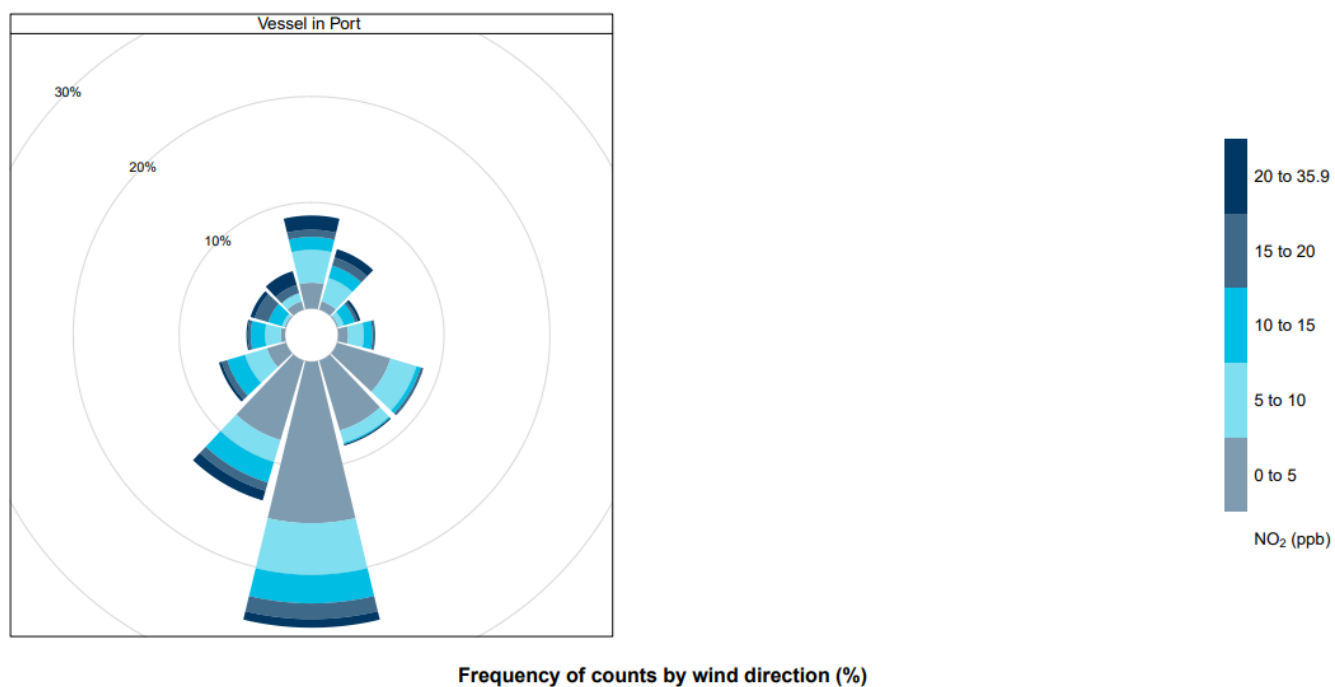


Figure B.14 *Hourly average NO₂ concentration (ppb) pollution roses (March 2024)*

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.

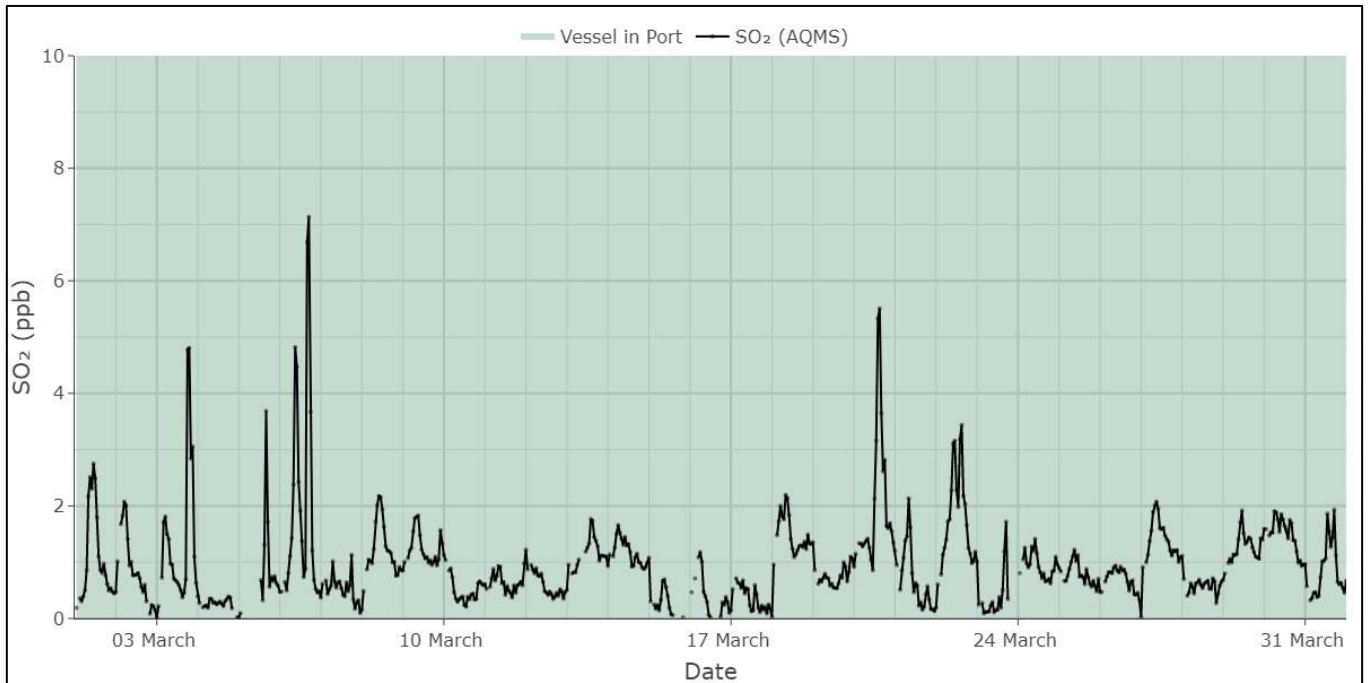


Figure B.15 Hourly average SO₂ concentrations (ppb) at Station Pier (March 2024) (criteria: 75 ppb)

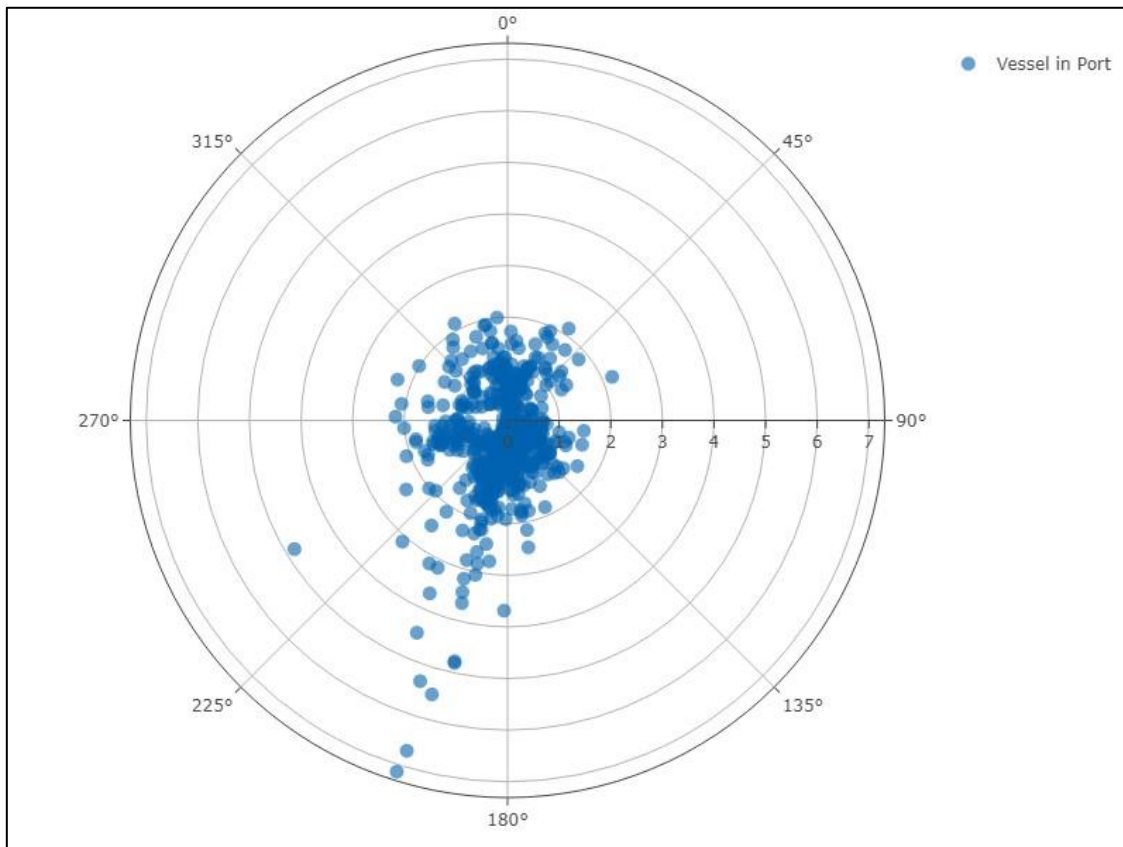


Figure B.16 Hourly average SO₂ concentration (ppb) by wind direction (March 2024)

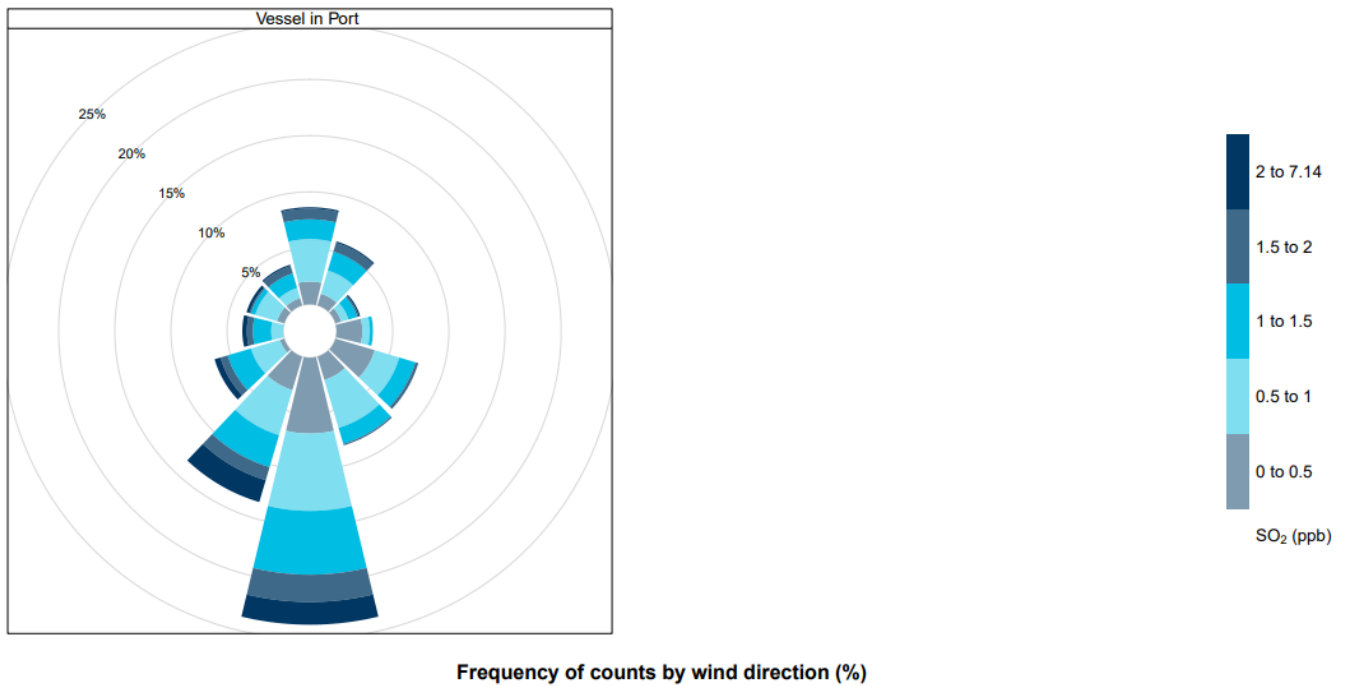


Figure B.17 *Hourly average SO₂ concentration (ppb) pollution roses (March 2024)*

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.

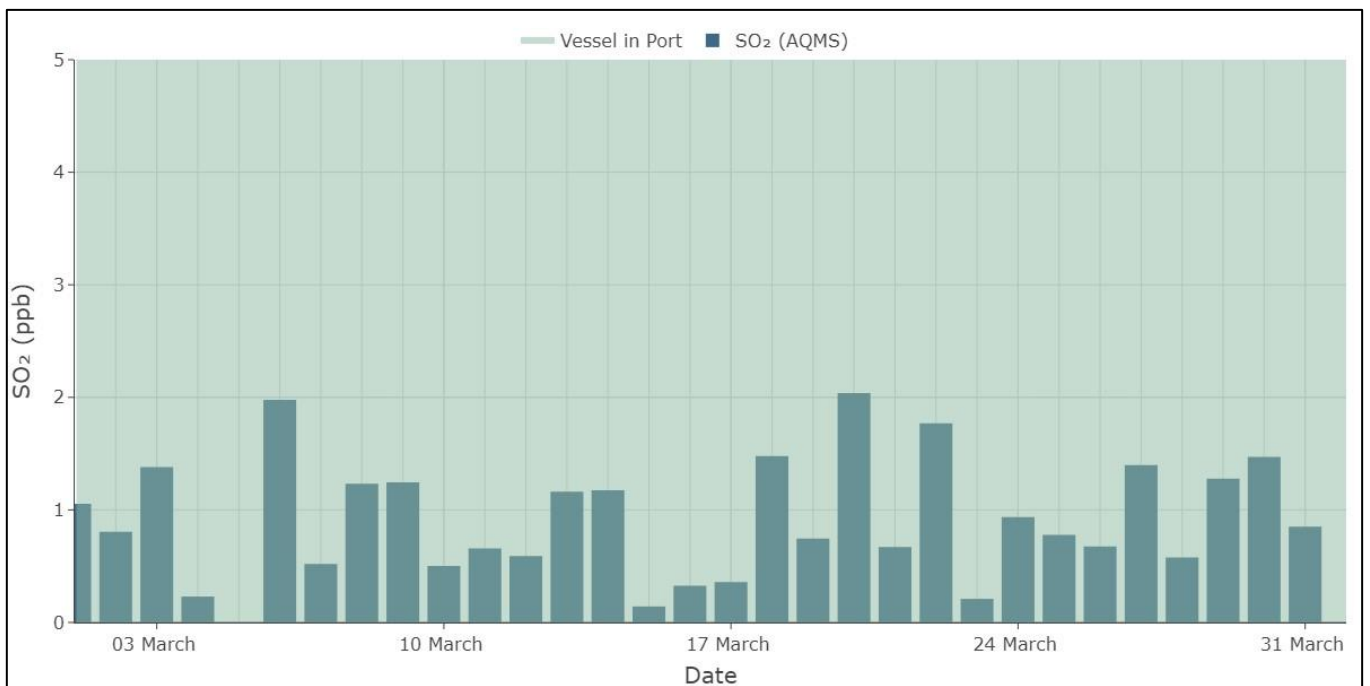


Figure B.18 *24-hour average SO₂ concentrations (ppb) at Station Pier (March 2024) (criteria: 20 ppb)*

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.

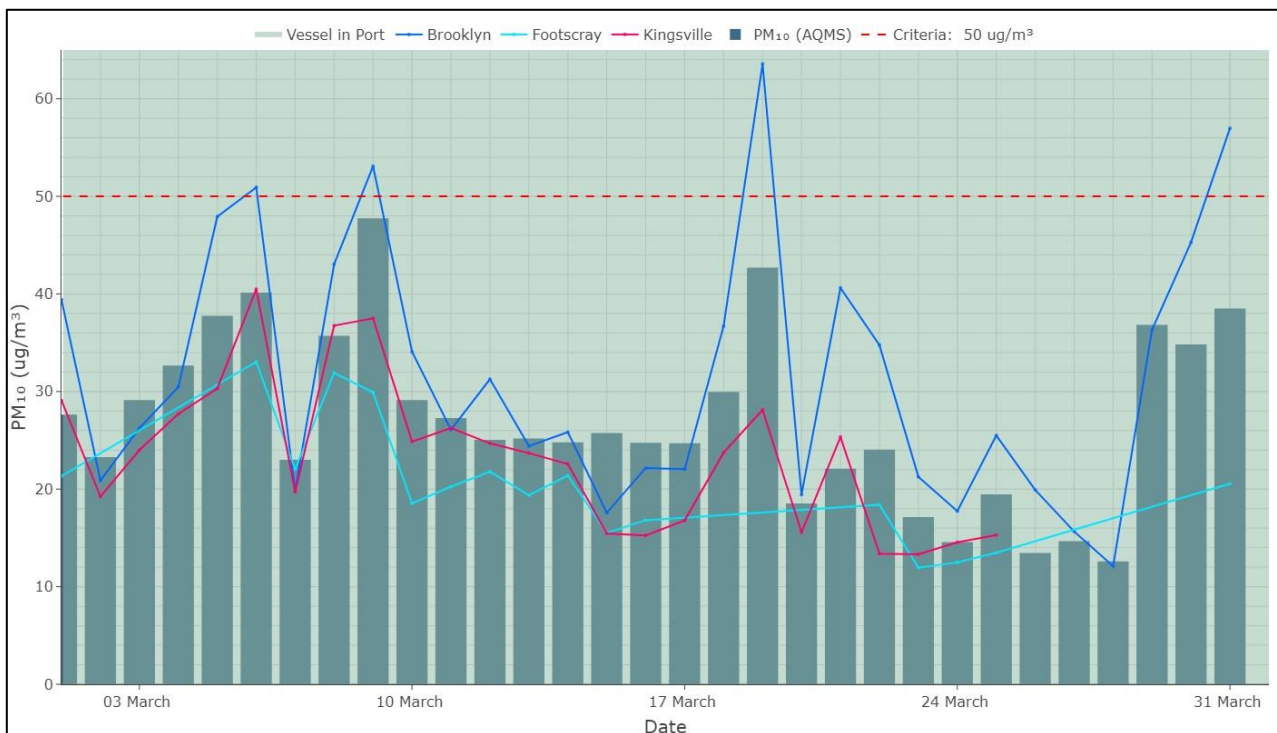


Figure B.19 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (March 2024) (criteria: 50 µg/m³)

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 47.8 µg/m³, which is 4.5% below the criterion. During the days when elevated PM₁₀ concentrations were measured at Station Pier, namely 9, 19, 29, 30 and 31 March, elevated PM₁₀ concentrations were also observed at EPA Stations such as Brooklyn and Kingsville stations.

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

EPA Station	Correlation coefficient (r)
Kingsville	0.84
Footscray	0.83
Brooklyn	0.87

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.

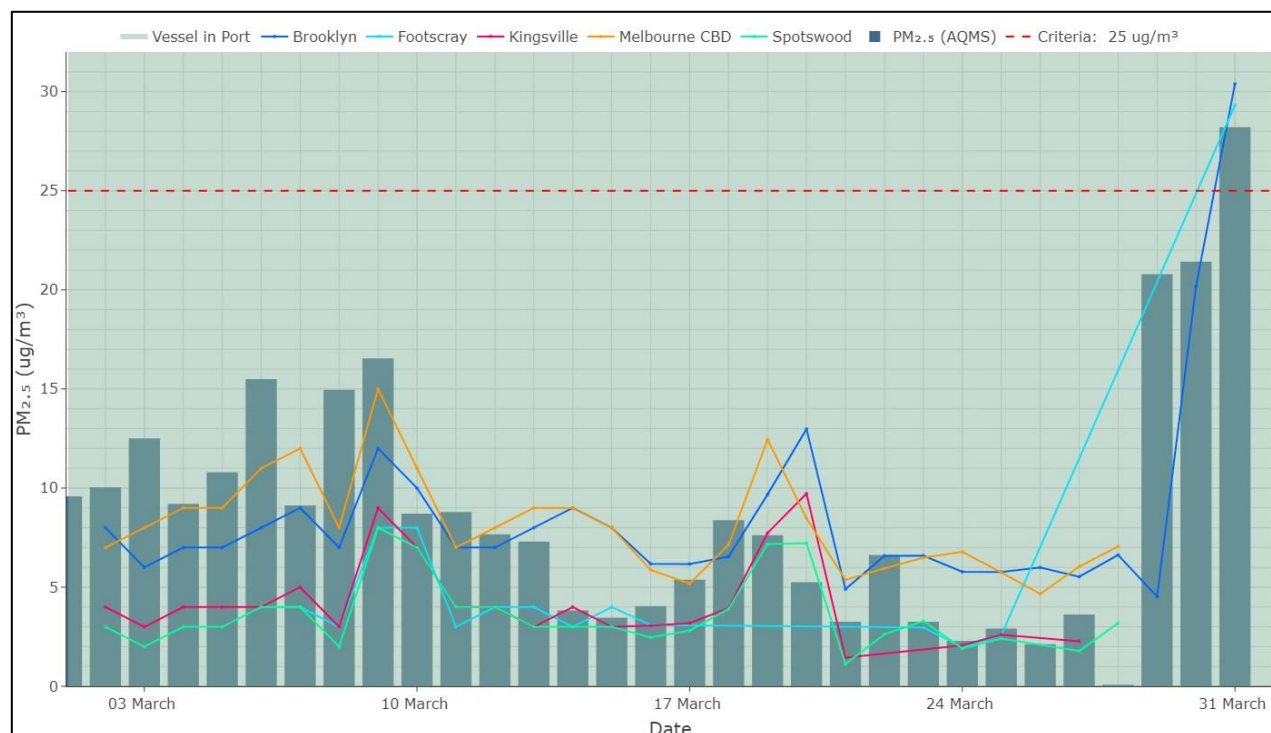


Figure B.20 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (March 2024) (criteria: 25 µg/m³)

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 0.5 and 0.7) was observed between the Station Pier observations and the EPA station observations for the Footscray and Melbourne CBD stations. Concentrations were above the adopted criterion on one day, with a maximum 24-hour average observation of 28 µg/m³ which is 13% above the criterion. All other concentrations were below the adopted criterion.

During the days when elevated PM_{2.5} concentrations were measured at Station Pier, namely 9, 18, 19, 29, 30 and 31 March, elevated PM_{2.5} concentrations were also observed at EPA Stations such as Melbourne CBD, Brooklyn, Kingsville and Spotswood stations. On 31 March when 24-hour average PM_{2.5} measured at Station Pier AQMS was above the adopted criterion, high concentrations of PM_{2.5} concentrations were also observed at Brooklyn and Spotswood EPA Stations. The high levels of PM_{2.5} observed at Station Pier AQMS and EPA Stations indicate a regional emission source(s) contributing to poor air quality to the region. The potential regional emission sources were the planned burns undertaken across Victoria over the weekend between 29 March and 31 March 2024.

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	0.33
Kingsville	0.34
Footscray	0.52
Brooklyn	0.44
Melbourne CBD	0.64

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.

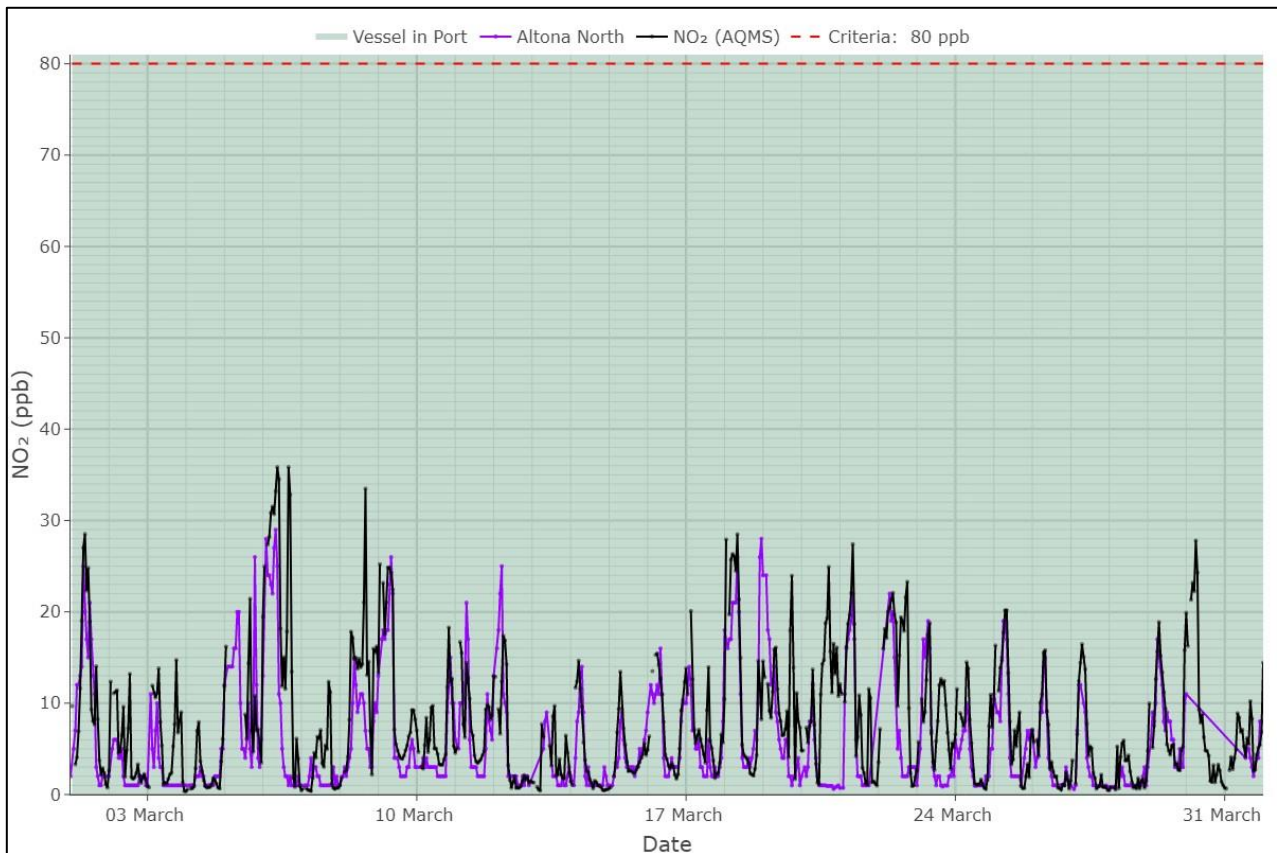


Figure B.21 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (March 2024) (criteria: 80 ppb)

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 35.9 ppb, which is 55% 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.

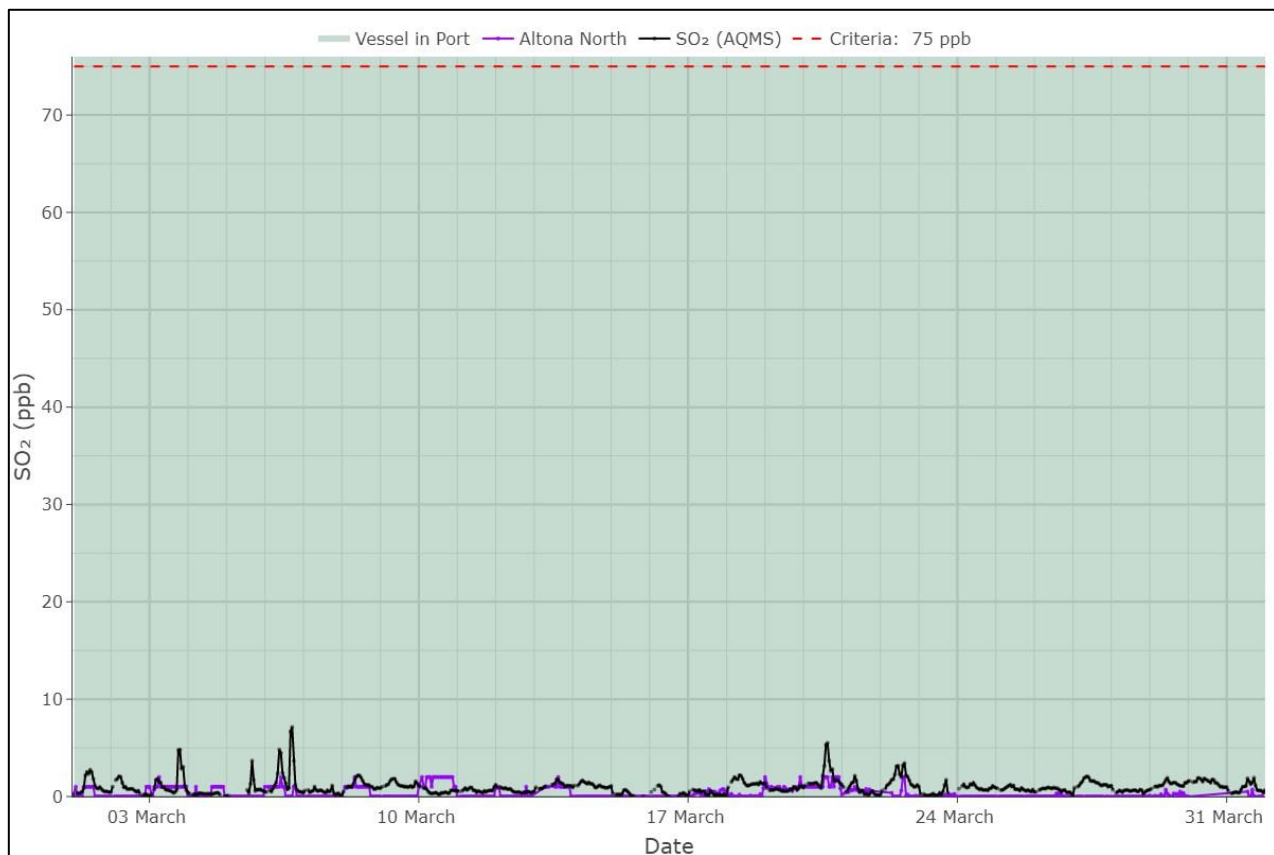


Figure B.22 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (March 2024) (criteria: 75 ppb)

Minimal correlation (0.23) 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 7.1 ppb, which is 90% 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.

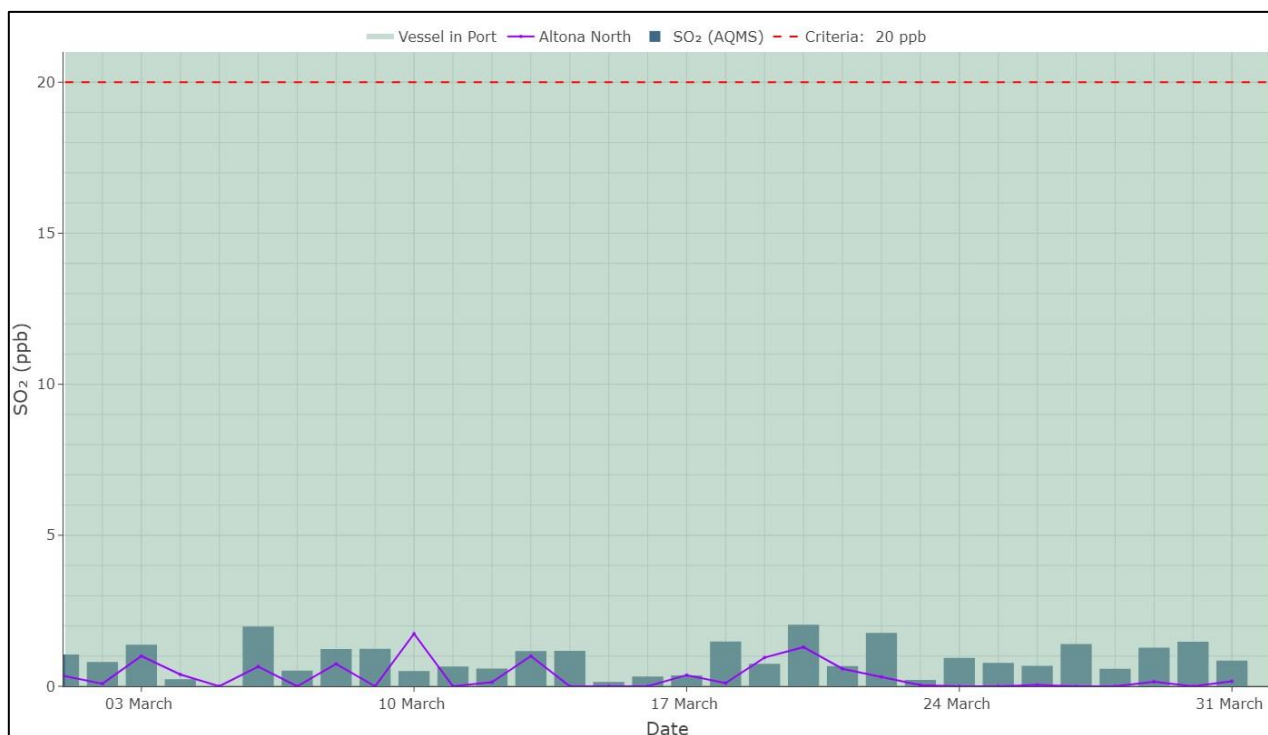


Figure B.23 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA stations (March 2024) (criteria: 20 ppb)

Minimal correlation (0.24) 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 2.0 ppb, which is 90% below the criterion.

B-4-5 Port activity

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

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

Ship name	Arrival	Departure	Status
Norwegian Spirit (P)	1/03/2024 6:12	1/03/2024 16:22	DEPARTED
Resilient Lady (P)	2/03/2024 4:52	2/03/2024 17:03	DEPARTED
Noordam (P)	3/03/2024 8:35	3/03/2024 20:46	DEPARTED
Europa 2 (P)	5/03/2024 4:00	5/03/2024 16:17	DEPARTED
Resilient Lady (P)	5/03/2024 4:52	5/03/2024 17:19	DEPARTED
Pacific Explorer (P)	6/03/2024 6:49	6/03/2024 17:17	DEPARTED
Queen Elizabeth (P)	7/03/2024 5:28	7/03/2024 16:58	DEPARTED
Norwegian Spirit (P)	7/03/2024 6:40	7/03/2024 17:15	DEPARTED
Brilliance of the Seas (P)	8/03/2024 6:42	8/03/2024 20:07	DEPARTED
Grand Princess (P)	10/03/2024 5:50	10/03/2024 22:10	DEPARTED
Noordam (P)	11/03/2024 8:20	11/03/2024 18:10	DEPARTED
Royal Princess (P)	13/03/2024 5:20	13/03/2024 16:20	DEPARTED
ICS Allegiance (T)	15/03/2024 5:18	15/03/2024 19:00	IN_PORT
Grand Princess (P)	17/03/2024 5:40	17/03/2024 16:23	DEPARTED
HMAS Adelaide	19/03/2024 14:00	23/03/2024 7:22	DEPARTED
Crystal Serenity (P)	19/03/2024 16:12	20/03/2024 17:00	DEPARTED
ICS Allegiance (T)	20/03/2024 5:15	20/03/2024 17:13	REMOVED
Coral Princess (P)	22/03/2024 5:02	22/03/2024 17:45	DEPARTED
Pacific Explorer (P)	23/03/2024 6:52	23/03/2024 17:10	DEPARTED
Sycamore	23/03/2024 10:57	25/03/2024 12:55	REMOVED
Resilient Lady (P)	25/03/2024 5:18	25/03/2024 18:00	DEPARTED
Norwegian Spirit (P)	25/03/2024 6:00	25/03/2024 16:04	DEPARTED
ICS Allegiance (T)	28/03/2024 11:24	28/03/2024 13:30	REMOVED
Grand Princess (P)	31/03/2024 5:34	31/03/2024 15:55	DEPARTED
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 concentration occurred when there was one vessel present at the port, and maximum NO₂, SO₂ and PM_{2.5} concentrations occurred when there were two vessels present at the port.

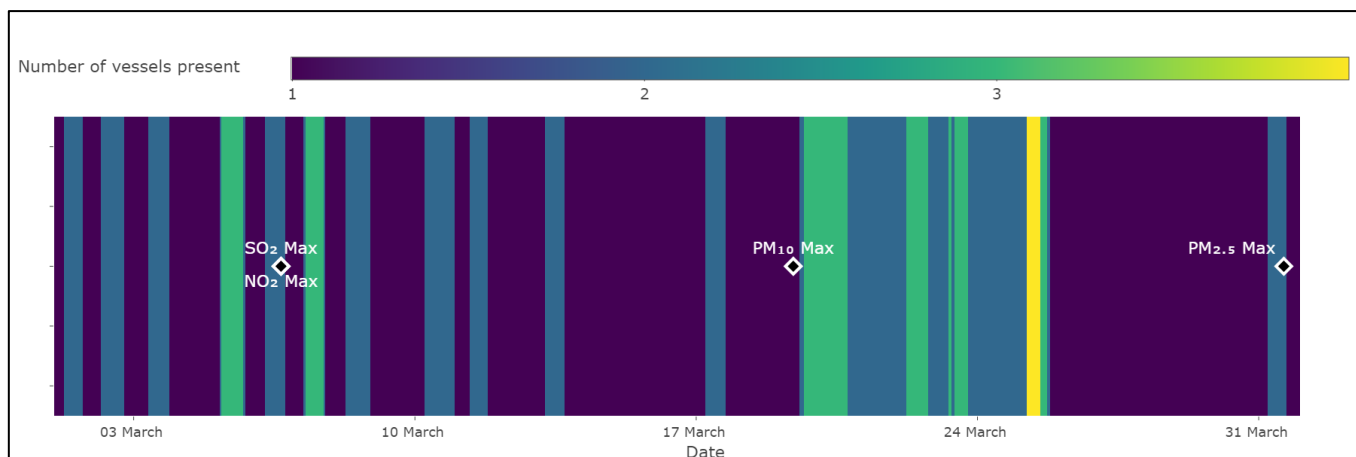


Figure B.24 Number of vessels present compared against maximum concentration observations

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 listed below:

- One bushfire was reported in the North-East Gippsland region on 2-3 March 2024.
- Several planned burns were reported around Victoria on the weekends of 15-17 March, 22-24 and 29-31 March 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 March 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 (0.5 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, NO₂ and SO₂ during the month of March 2024 were lower than the adopted short term criteria (1-hour and 24-hour), ranging from 4.5% (for maximum 24-hour average PM₁₀) to 90% (for maximum 1-hour and 24-hour average SO₂) below the relevant criteria. PM_{2.5} concentrations were above the adopted criterion on one day, with a maximum 24-hour average observation of 28 µg/m³ which is 13% above the criterion. On the day when maximum 24-hour average PM_{2.5} was observed at Station Pier AQMS, PM_{2.5} levels above the criterion were also observed at Brooklyn and Spotswood EPA Stations, indicating a regional emission source(s) contributing to high levels of PM_{2.5}.

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 31 March 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.

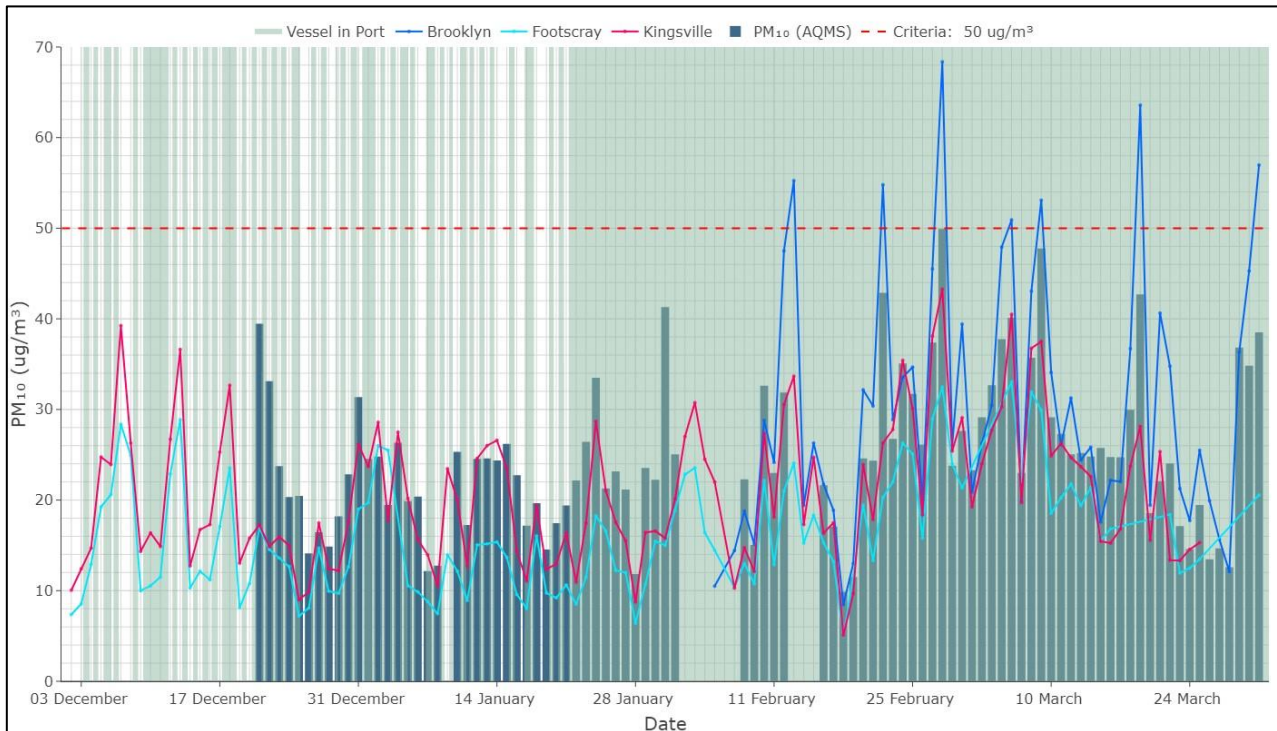


Figure C.1 24-hour average PM₁₀ concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier and local EPA stations (December 2023 - March 2024) (criteria: 50 $\mu\text{g}/\text{m}^3$)

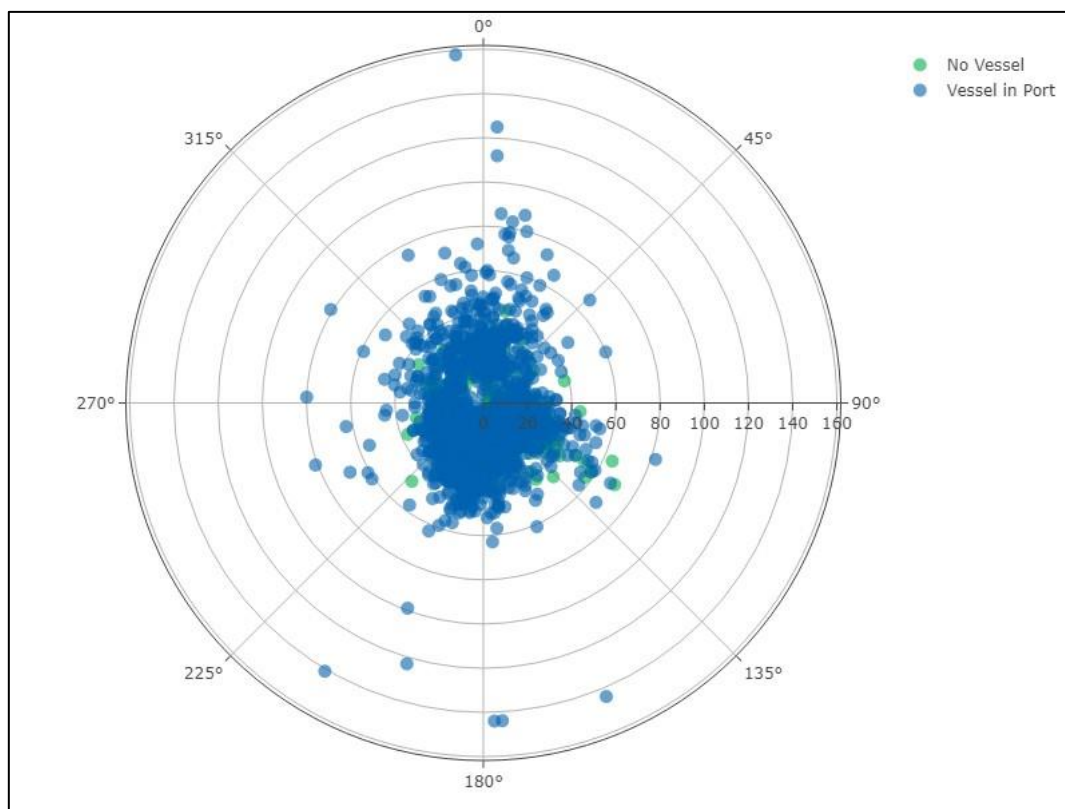


Figure C.2 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - March 2024)

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
2024 year-to-date	25.2	12.5	16.7	30.4
All available data	24.9	20.8	16.1	30.4
“-” 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 31 March 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.

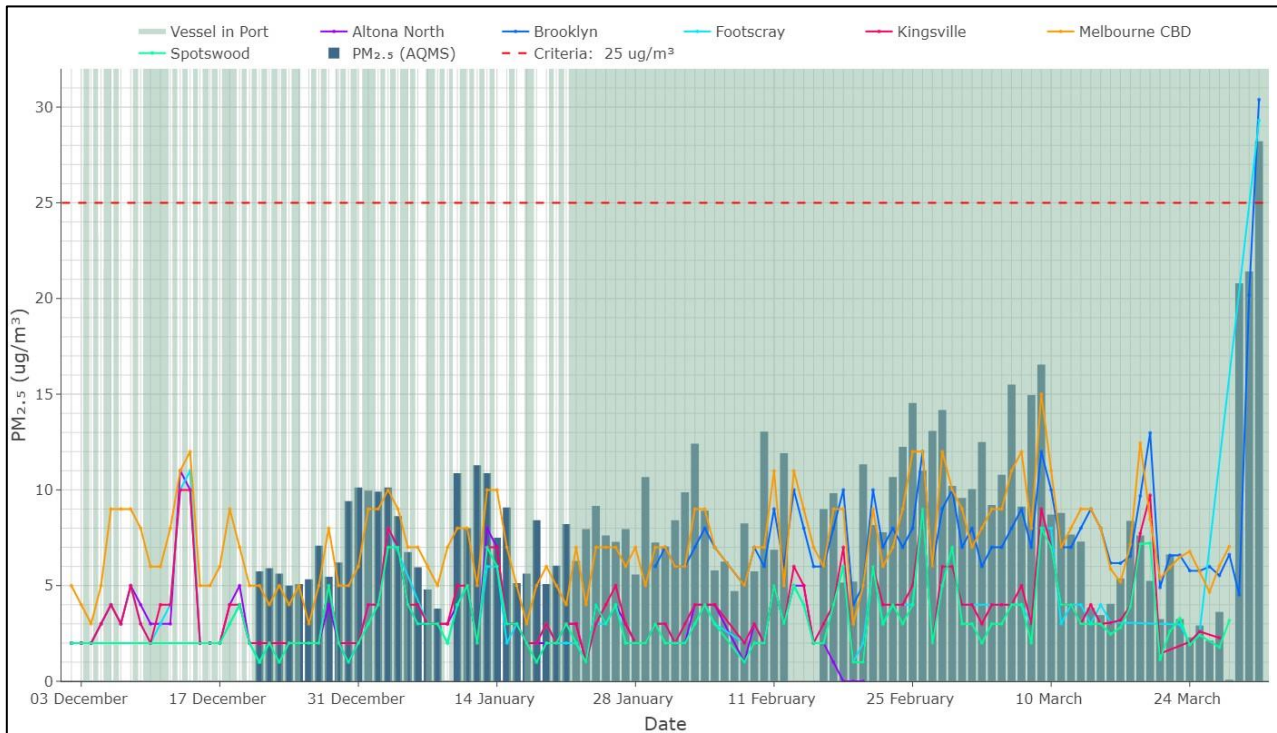


Figure C.3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - March 2024) (criteria: 25 µg/m³)

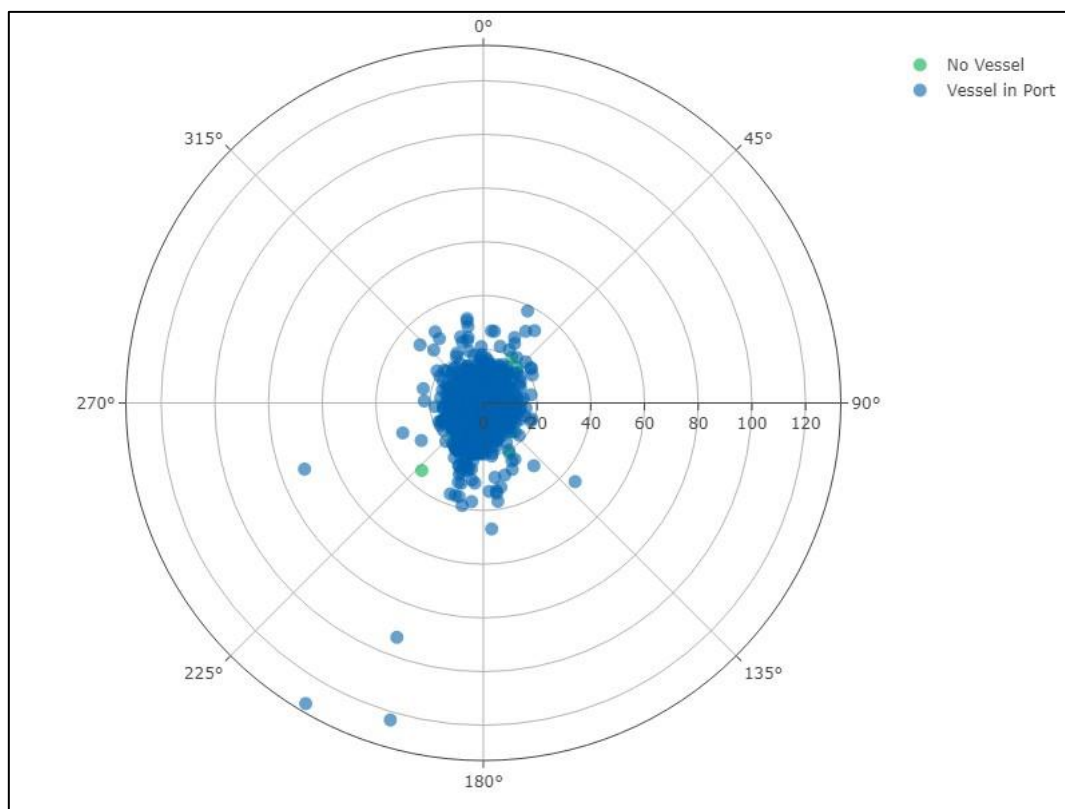


Figure C.4 Hourly average $PM_{2.5}$ concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - March 2024)

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	-
2024 year-to-date	8.8	3.8	3.5	8.0	7.7	3.4	3.0
All available data	8.5	3.7	3.4	8.0	7.4	3.2	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 31 March 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.

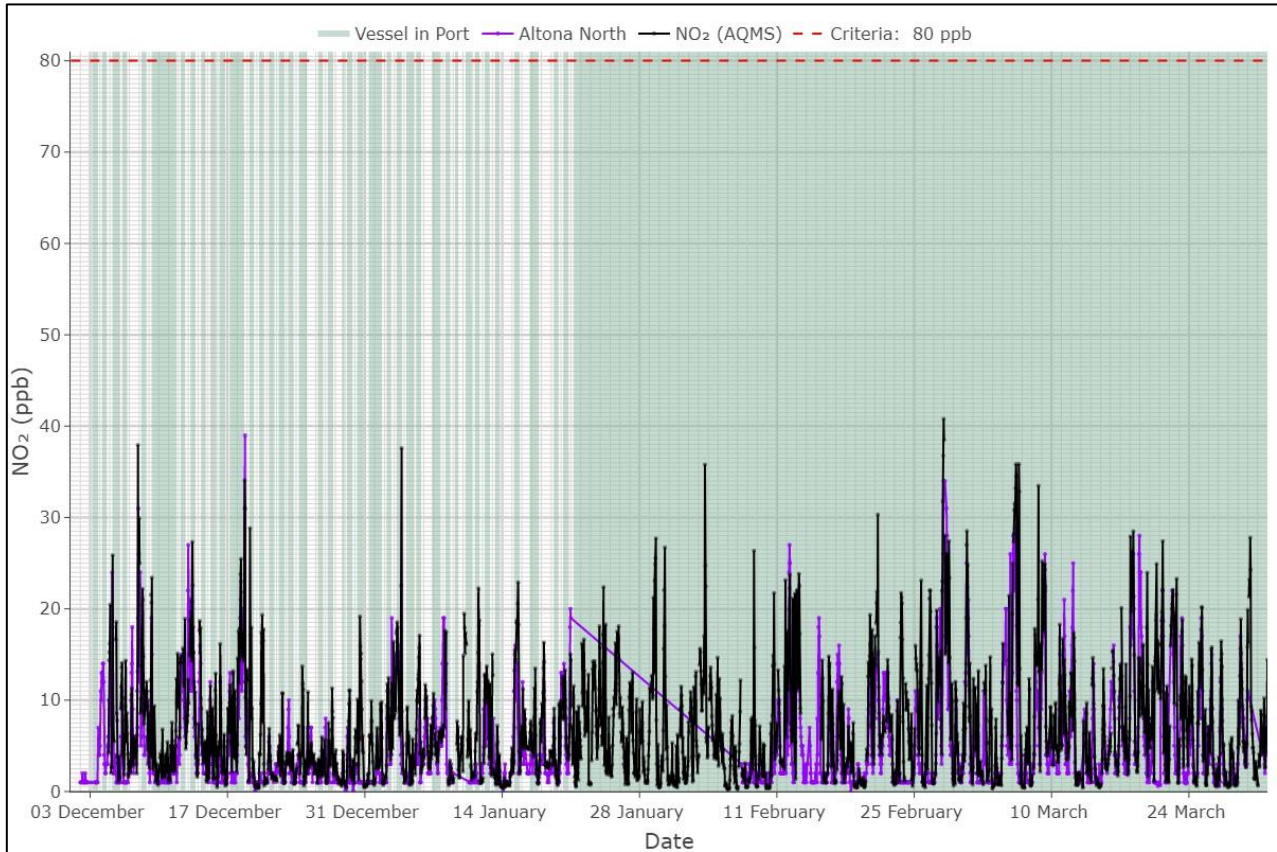


Figure C.5 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - March 2024) (criteria: 80 ppb)

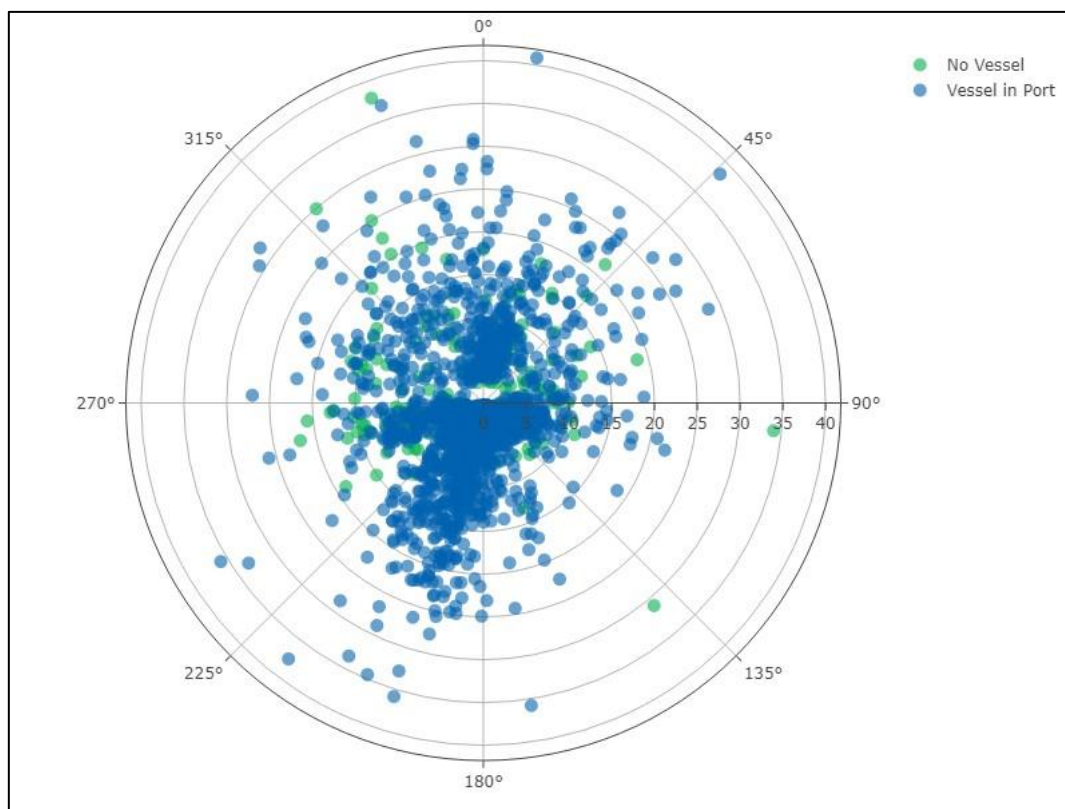


Figure C.6 Hourly average NO_2 concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - March 2024)

An annual average criterion of 15 ppb is specified for NO_2 . 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 NO_2 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
2024 year-to-date	7.1	4.9
All available data	6.9	4.7

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 31 March 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.

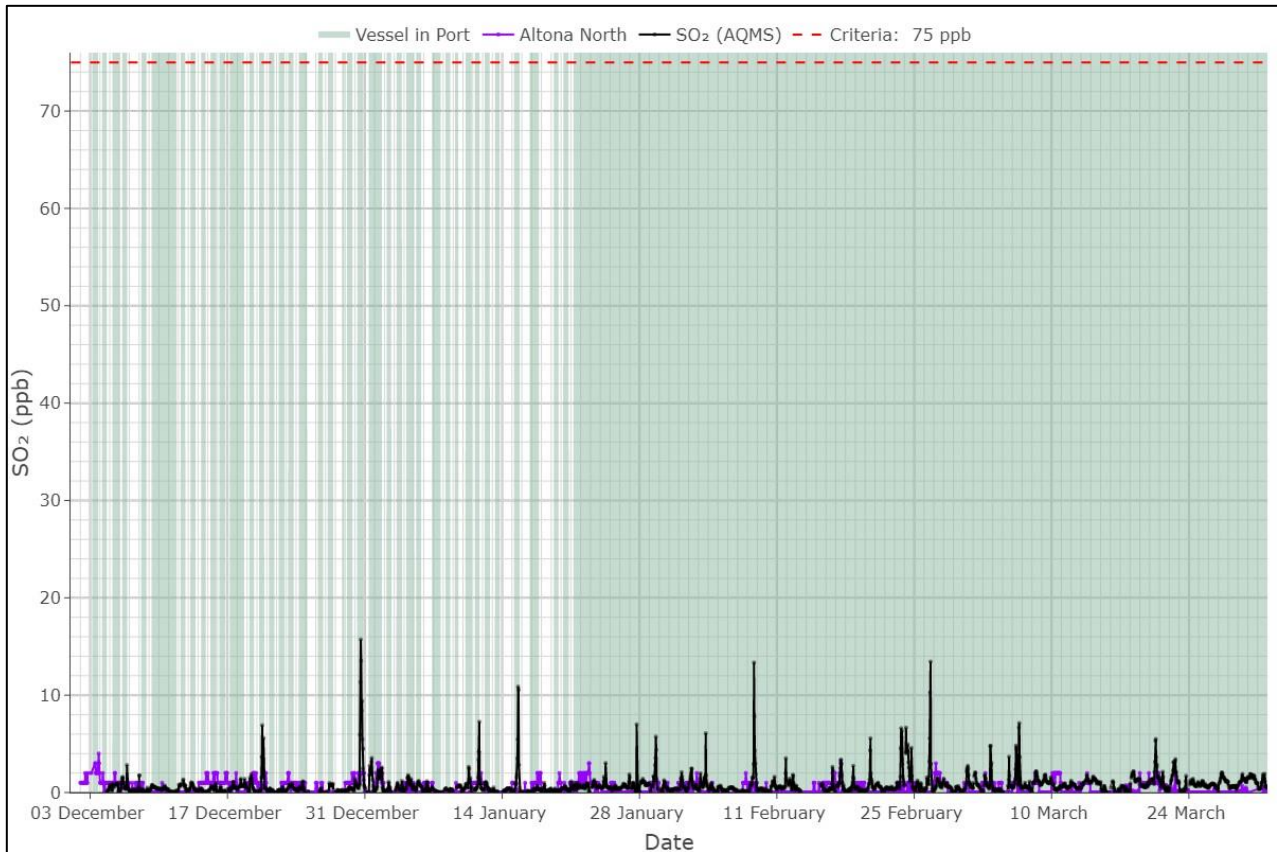


Figure C.7 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - March 2024) (criteria: 75 ppb)

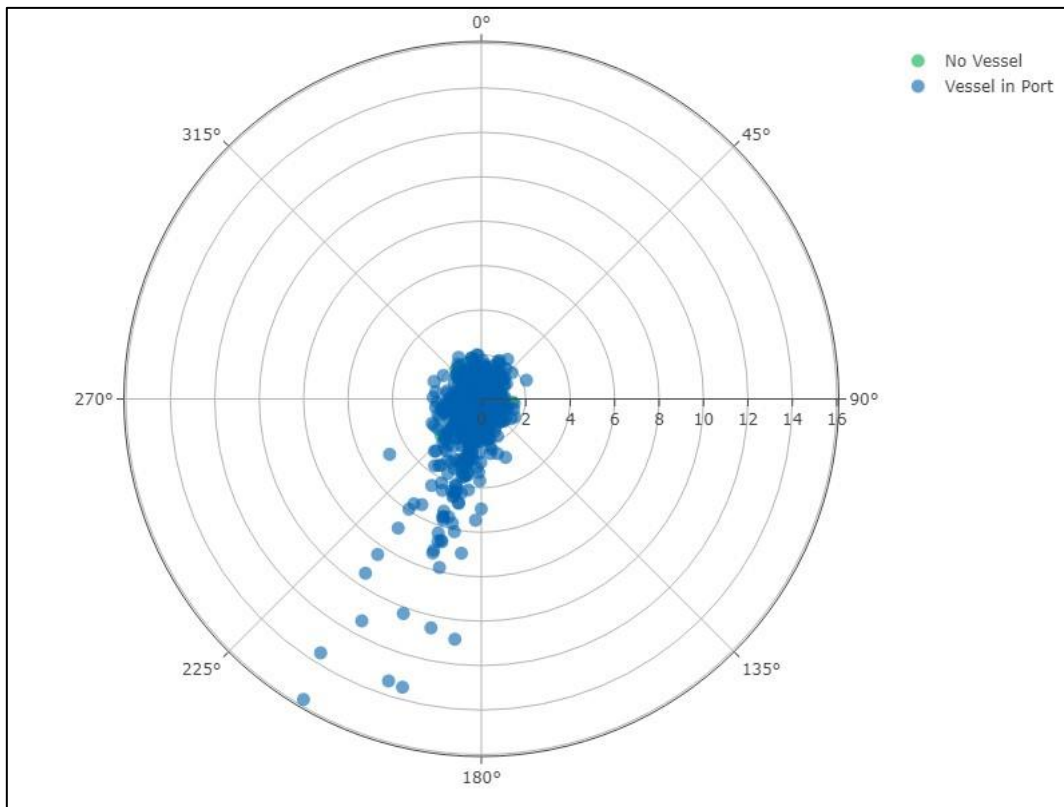


Figure C.8 Hourly average SO_2 concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - March 2024)

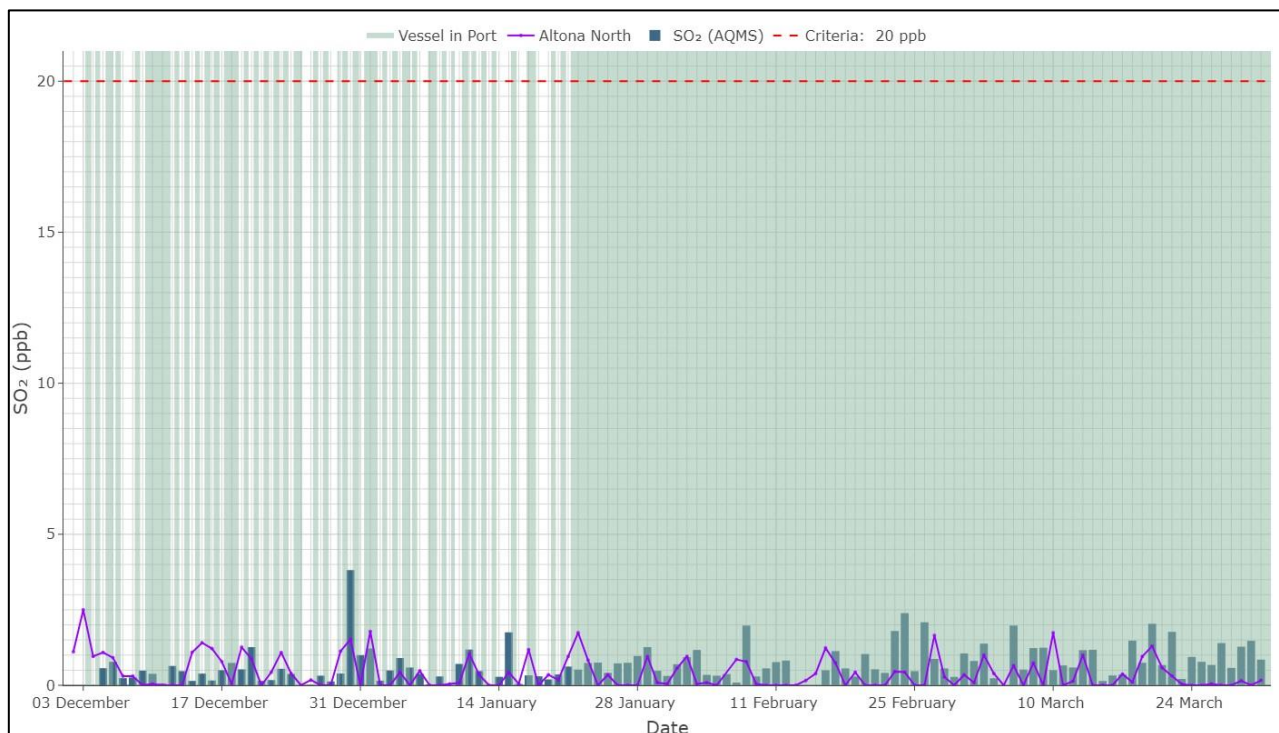


Figure C.9 24-hour average SO_2 concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier and local EPA stations (December 2023 - March 2024) (criteria: $20 \mu\text{g}/\text{m}^3$)

Appendix D

March 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 March to 31st March 2024

Report No: DAT21136

Issue Date: 26th April 2024

Maintenance Contract: MC2306

**Acoem Australasia (Ecotech Pty Ltd). 1492 Ferntree Gully Rd, Knoxfield, VIC. 3180 Australia.
Ph: 1300 364 946, Fax: 1300 668 763, Email: info.au@acoem.com, Web: www.acoem.com.au**

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Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/03/24 00:05	0.432	11.115	11.547	-0.004			2.0	104	10
01/03/24 00:10	0.411	11.029	11.440	0.044			2.1	97	08
01/03/24 00:15	0.350	10.785	11.135	0.150			2.0	97	06
01/03/24 00:20	0.359	10.599	10.959	0.215			2.0	102	07
01/03/24 00:25	0.352	10.266	10.618	0.242			2.1	97	07
01/03/24 00:30	0.352	9.801	10.153	0.218			1.3	98	10
01/03/24 00:35	0.401	9.445	9.846	0.218			1.3	98	12
01/03/24 00:40	0.356	9.083	9.439	0.246			1.0	94	14
01/03/24 00:45	0.282	8.869	9.151	0.286			1.0	85	11
01/03/24 00:50	0.277	8.603	8.880	0.235			1.1	101	13
01/03/24 00:55	0.192	8.373	8.565	0.198			0.6	92	25
01/03/24 01:00	0.100	8.188	8.288	0.207			0.6	80	16
01/03/24 01:05							0.9	97	15
01/03/24 01:10							0.7	96	16
01/03/24 01:15							1.1	112	13
01/03/24 01:20							0.8	110	15
01/03/24 01:25							0.8	101	18
01/03/24 01:30							0.5	82	13
01/03/24 01:35							0.2	104	32
01/03/24 01:40							0.5	143	34
01/03/24 01:45							0.5	143	25
01/03/24 01:50							0.7	168	24
01/03/24 01:55							0.8	179	15
01/03/24 02:00							0.9	186	12
01/03/24 02:05	0.111	4.857	4.968	0.336			0.7	188	14
01/03/24 02:10	0.110	4.205	4.315	0.394			0.9	178	17
01/03/24 02:15	0.205	3.766	3.971	0.347			0.8	171	24
01/03/24 02:20	0.139	3.416	3.554	0.311			0.6	152	28
01/03/24 02:25	0.100	3.304	3.404	0.276			0.8	183	16
01/03/24 02:30	0.083	3.174	3.257	0.257			0.9	176	19
01/03/24 02:35	-0.023	3.086	3.063	0.353			1.2	145	17
01/03/24 02:40	-0.057	2.899	2.842	0.443			1.1	180	16
01/03/24 02:45	-0.036	2.850	2.815	0.433			1.0	183	18
01/03/24 02:50	-0.052	2.794	2.741	0.382			1.0	159	20
01/03/24 02:55	-0.063	2.685	2.623	0.405			1.2	143	19
01/03/24 03:00	-0.060	2.528	2.468	0.385			1.2	136	13
01/03/24 03:05	-0.054	2.369	2.315	0.395			1.6	142	18
01/03/24 03:10	-0.030	2.345	2.315	0.429			1.0	145	22
01/03/24 03:15	-0.005	2.513	2.508	0.394			1.2	138	19
01/03/24 03:20	-0.109	2.738	2.629	0.307			1.5	136	18
01/03/24 03:25	-0.109	3.250	3.142	0.217			0.8	118	22
01/03/24 03:30	-0.007	4.013	4.005	0.190			1.0	117	20
01/03/24 03:35	0.077	4.738	4.815	0.164			1.3	133	19
01/03/24 03:40	0.096	5.456	5.552	0.246			1.3	129	19
01/03/24 03:45	0.096	5.763	5.859	0.244			1.4	132	16
01/03/24 03:50	0.119	5.537	5.656	0.326			2.0	132	13
01/03/24 03:55	0.213	5.174	5.387	0.351			1.4	129	21
01/03/24 04:00	0.199	4.973	5.171	0.394			1.4	122	21
01/03/24 04:05	0.204	4.932	5.136	0.427			1.4	117	17
01/03/24 04:10	2.270	10.500	12.770	0.427			1.7	111	14
01/03/24 04:15	0.231	4.974	5.205	0.536			1.7	112	16
01/03/24 04:20	-0.146	5.360	5.214	0.591			1.1	117	25
01/03/24 04:25	0.001	5.830	5.831	0.533			1.4	88	11
01/03/24 04:30	0.225	6.221	6.446	0.345			1.6	92	07
01/03/24 04:35	0.356	6.767	7.123	0.387			1.7	97	08
01/03/24 04:40	0.468	7.238	7.707	0.390			1.2	92	09
01/03/24 04:45	0.471	7.540	8.011	0.313			1.6	93	06
01/03/24 04:50	0.499	7.724	8.223	0.276			1.7	92	08
01/03/24 04:55	0.482	7.759	8.241	0.245			1.3	88	09
01/03/24 05:00	0.683	7.980	8.663	0.203			1.6	90	08
01/03/24 05:05	0.833	8.343	9.176	0.255			1.3	87	10
01/03/24 05:10	0.877	8.764	9.641	0.353			1.4	84	08
01/03/24 05:15	0.830	9.124	9.954	0.491			1.1	58	16
01/03/24 05:20	1.495	10.085	11.580	0.544			1.2	52	10
01/03/24 05:25	2.208	12.076	14.284	0.552			1.3	59	10
01/03/24 05:30	2.690	13.806	16.496	0.558			0.9	63	10
01/03/24 05:35	2.903	13.760	16.663	0.573			0.7	76	11
01/03/24 05:40	3.249	13.834	17.084	0.502			0.5	79	09
01/03/24 05:45	3.738	13.773	17.511	0.492			0.7	56	22
01/03/24 05:50	13.514	8.338	21.852	0.517			1.1	40	08
01/03/24 05:55	17.401	13.250	30.650	0.559			1.6	51	03
01/03/24 06:00	16.964	14.213	31.178	0.623			1.3	50	04
01/03/24 06:05	17.756	14.911	32.667	0.586			1.2	40	10
01/03/24 06:10	22.002	15.715	37.717	0.640			1.1	49	06
01/03/24 06:15	27.771	14.630	42.401	0.720			1.2	52	05
01/03/24 06:20	29.913	14.435	44.348	0.747			1.2	45	07
01/03/24 06:25	34.081	15.881	49.962	0.760			1.1	35	09
01/03/24 06:30	46.356	19.630	65.986	0.683			0.9	27	09
01/03/24 06:35	53.673	20.438	74.111	0.739			1.0	359	15
01/03/24 06:40	69.432	17.887	87.319	0.749			0.7	8	20
01/03/24 06:45	111.370	20.625	131.994	0.921			0.5	4	21
01/03/24 06:50	146.446	23.427	169.873	1.059			0.5	302	43
01/03/24 06:55	155.923	25.567	181.491	1.219			0.8	286	21
01/03/24 07:00	159.972	24.972	184.944	1.460			0.7	281	23
01/03/24 07:05	160.593	25.597	186.190	1.641			0.9	259	12
01/03/24 07:10	160.903	25.473	186.376	1.808			0.8	264	08
01/03/24 07:15	161.571	25.370	186.941	1.972			0.8	293	23
01/03/24 07:20	161.177	25.293	186.470	2.053			0.7	294	17
01/03/24 07:25	159.446	25.384	184.830	2.163			0.7	286	23
01/03/24 07:30	157.070	25.660	182.731	2.286			0.8	303	17
01/03/24 07:35	154.963	25.959	180.922	2.347			0.8	303	09
01/03/24 07:40	149.024	27.601	176.625	2.317			0.8	298	25
01/03/24 07:45	132.412	34.792	167.204	2.376			1.0	271	18
01/03/24 07:50	128.836	28.947	157.783	2.358			1.5	251	11
01/03/24 07:55	123.893	26.888	150.781	2.333			1.4	249	16
01/03/24 08:00	117.285	27.232	144.517	2.395			1.3	249	11
01/03/24 08:05	111.199	29.555	140.754	2.445			1.3	254	06
01/03/24 08:10	107.129	31.242	138.371	2.336			1.3	241	08
01/03/24 08:15	105.729	30.246	135.975	2.250			1.5	234	08
01/03/24 08:20	104.255	29.586	133.841	2.243			1.6	220	05
01/03/24 08:25	103.286	28.873	132.159	2.271			1.5	213	06
01/03/24 08:30	103.024	28.336	131.360	2.319			1.6	210	06
01/03/24 08:35	104.154	28.440	132.594	2.520			1.6	210	05
01/03/24 08:40	105.026	28.734	133.760	2.641			1.6	215	06
01/03/24 08:45	104.497	28.784	133.280	2.730			1.7	211	08
01/03/24 08:50	101.109	27.956	129.065	2.805			1.6	207	07
01/03/24 08:55	92.916	23.410	116.326	2.811			1.2	192	22
01/03/24 09:00	83.941	27.158	111.099	2.792			1.3	184	21

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/03/24 09:05	63.751	25.739	89.490	2.829			1.1	181	31
01/03/24 09:10	50.566	23.422	73.987	2.677			0.8	162	31
01/03/24 09:15	35.814	20.969	56.783	2.482			0.9	161	34
01/03/24 09:20	32.975	18.489	51.465	2.309			1.5	198	17
01/03/24 09:25	29.359	17.161	46.520	2.222			2.0	208	06
01/03/24 09:30	28.276	17.339	45.615	2.100			1.8	215	05
01/03/24 09:35	40.629	20.821	61.450	2.091			1.6	220	08
01/03/24 09:40	48.567	24.650	73.218	2.178			1.6	217	05
01/03/24 09:45	38.663	20.981	59.644	2.160			2.0	213	06
01/03/24 09:50	60.514	27.046	87.560	2.111			1.8	206	05
01/03/24 09:55	80.272	28.703	108.974	2.202			1.5	201	13
01/03/24 10:00	48.657	22.483	71.140	2.278			1.1	187	29
01/03/24 10:05	69.802	29.553	99.355	2.399			2.0	212	05
01/03/24 10:10	67.104	28.326	95.430	2.633			1.7	209	06
01/03/24 10:15	67.677	28.143	95.820	2.723			1.6	211	07
01/03/24 10:20	73.289	26.609	99.898	2.860			2.0	196	15
01/03/24 10:25	58.222	26.662	84.884	2.965			1.5	172	21
01/03/24 10:30	50.137	22.573	72.710	3.008			1.5	183	20
01/03/24 10:35	49.350	23.599	72.949	2.916			1.7	189	16
01/03/24 10:40	49.681	23.547	73.229	2.789			1.9	176	18
01/03/24 10:45	46.843	23.582	70.425	2.657			2.0	161	22
01/03/24 10:50	38.134	24.464	62.598	2.721			1.5	173	23
01/03/24 10:55	31.813	20.314	52.127	2.715			1.8	194	15
01/03/24 11:00	30.944	20.335	51.278	2.651			1.4	164	22
01/03/24 11:05	32.645	22.204	54.849	2.652			1.5	183	22
01/03/24 11:10	32.921	21.526	54.447	2.609			1.5	180	23
01/03/24 11:15	32.565	21.526	54.092	2.584			1.0	162	31
01/03/24 11:20	31.913	21.467	53.379	2.633			1.3	179	25
01/03/24 11:25	30.149	20.227	50.376	2.591			1.5	191	24
01/03/24 11:30	25.616	17.533	43.149	2.447			1.6	194	20
01/03/24 11:35	17.947	17.810	35.757	2.336			1.3	160	29
01/03/24 11:40	18.196	21.290	39.486	2.197			1.8	160	18
01/03/24 11:45	19.742	17.900	37.642	2.321			1.3	161	26
01/03/24 11:50	16.928	15.133	32.061	2.404			1.3	158	27
01/03/24 11:55	17.570	15.355	32.925	2.569			1.4	158	22
01/03/24 12:00	16.455	15.213	31.668	2.560			1.7	158	20
01/03/24 12:05	10.876	12.394	23.271	2.518			1.3	164	27
01/03/24 12:10	8.957	10.476	19.433	2.376			2.1	172	21
01/03/24 12:15	7.866	10.945	18.811	2.257			2.0	171	21
01/03/24 12:20	6.764	10.340	17.105	1.991			1.8	166	23
01/03/24 12:25	5.969	9.481	15.449	1.786			2.2	176	19
01/03/24 12:30	5.643	9.051	14.694	1.698			2.5	170	20
01/03/24 12:35	5.413	8.836	14.248	1.648			1.9	177	21
01/03/24 12:40	5.333	8.777	14.110	1.587			2.2	171	20
01/03/24 12:45	4.792	8.408	13.200	1.505			1.7	155	29
01/03/24 12:50	4.459	8.064	12.524	1.429			1.5	156	30
01/03/24 12:55	4.146	7.604	11.750	1.409			1.5	164	32
01/03/24 13:00	3.826	7.343	11.168	1.371			1.8	147	26
01/03/24 13:05	3.794	7.201	10.995	1.377			2.1	153	27
01/03/24 13:10	3.458	6.876	10.334	1.223			2.6	145	20
01/03/24 13:15	3.244	6.783	10.027	1.189			2.6	151	22
01/03/24 13:20	3.015	6.759	9.773	1.243			1.9	161	28
01/03/24 13:25	3.046	7.071	10.117	1.167			2.4	177	22
01/03/24 13:30	2.993	7.284	10.276	1.143			2.5	181	22
01/03/24 13:35	3.321	8.058	11.380	1.055			2.5	186	18
01/03/24 13:40	4.036	11.785	15.821	0.991			3.6	186	14
01/03/24 13:45	4.161	9.878	14.039	0.940			2.5	181	19
01/03/24 13:50	3.976	8.516	12.492	0.951			3.1	185	14
01/03/24 13:55	3.905	8.487	12.393	0.999			2.7	184	17
01/03/24 14:00	3.653	7.667	11.320	0.957			3.2	189	14
01/03/24 14:05	3.422	7.615	11.037	0.861			3.0	191	14
01/03/24 14:10	3.223	7.789	11.012	0.817			2.6	181	18
01/03/24 14:15	3.173	7.915	11.088	0.788			2.8	182	20
01/03/24 14:20	3.073	7.909	10.981	0.907			3.0	186	16
01/03/24 14:25	3.211	8.515	11.726	0.951			3.5	187	15
01/03/24 14:30	3.503	9.263	12.766	0.947			3.5	187	15
01/03/24 14:35	3.589	9.456	13.045	0.916			2.9	190	14
01/03/24 14:40	3.229	8.780	12.009	0.914			2.3	184	19
01/03/24 14:45	2.877	7.601	10.477	0.908			2.3	184	18
01/03/24 14:50	2.505	6.162	8.667	0.803			2.8	181	20
01/03/24 14:55	2.307	5.749	8.056	0.792			3.3	188	14
01/03/24 15:00	2.054	5.305	7.359	0.735			2.4	187	17
01/03/24 15:05	1.854	5.171	7.025	0.686			2.9	184	15
01/03/24 15:10	2.050	5.863	7.913	0.606			2.9	184	16
01/03/24 15:15	2.118	6.603	8.721	0.667			3.3	192	16
01/03/24 15:20	3.723	18.271	21.995	0.660			4.0	196	12
01/03/24 15:25	9.539	23.967	33.506	0.702			4.2	195	09
01/03/24 15:30	28.970	24.119	53.088	0.812			4.1	197	10
01/03/24 15:35	36.411	25.032	61.442	0.913			5.1	193	10
01/03/24 15:40	20.162	13.692	33.854	0.948			5.7	194	10
01/03/24 15:45	51.667	18.869	70.536	0.986			5.6	195	10
01/03/24 15:50	25.846	14.741	40.587	0.990			6.3	196	07
01/03/24 15:55	13.237	8.258	21.495	0.913			6.5	192	07
01/03/24 16:00	5.504	3.930	9.435	0.809			6.4	190	09
01/03/24 16:05	8.007	9.754	17.761	0.855			6.1	192	09
01/03/24 16:10	6.686	5.465	12.150	0.861			7.1	190	08
01/03/24 16:15	9.602	6.421	16.023	0.859			7.1	191	08
01/03/24 16:20	30.685	7.503	38.188	0.830			6.5	194	10
01/03/24 16:25	7.396	3.734	11.130	0.857			7.4	190	08
01/03/24 16:30	1.361	2.098	3.458	0.829			6.9	192	08
01/03/24 16:35	131.930	33.862	165.791	1.100			6.2	192	08
01/03/24 16:40	51.006	20.897	71.903	1.196			5.7	194	10
01/03/24 16:45	3.200	3.763	6.963	1.160			6.8	194	08
01/03/24 16:50	0.898	1.947	2.845	1.103			7.8	197	06
01/03/24 16:55	0.532	1.519	2.051	1.060			7.4	198	07
01/03/24 17:00	0.839	1.906	2.746	0.959			6.2	193	07
01/03/24 17:05	1.890	6.118	8.009	0.946			6.7	192	08
01/03/24 17:10	3.830	8.068	11.899	0.851			6.7	197	08
01/03/24 17:15	3.468	5.309	8.777	0.773			7.2	196	07
01/03/24 17:20	1.303	2.088	3.391	0.694			6.8	194	08
01/03/24 17:25	0.565	2.236	2.802	0.737			6.6	194	07
01/03/24 17:30	0.761	2.482	3.244	0.745			6.1	193	10
01/03/24 17:35	0.975	2.846	3.822	0.804			5.5	188	13
01/03/24 17:40	1.239	3.140	4.379	0.739			5.7	194	11
01/03/24 17:45	1.171	2.980	4.152	0.711			5.6	193	08
01/03/24 17:50	1.173	3.177	4.350	0.744			5.8	190	10
01/03/24 17:55	0.995	3.063	4.059	0.742			5.5	190	09
01/03/24 18:00	1.133	3.175	4.307	0.677			5.9	192	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/03/24 18:05	1.178	3.187	4.365	0.718			5.7	193	08
01/03/24 18:10	1.352	3.280	4.632	0.609			6.5	193	07
01/03/24 18:15	1.217	3.207	4.423	0.607			6.7	192	08
01/03/24 18:20	0.912	2.693	3.606	0.690			5.3	191	11
01/03/24 18:25	0.676	2.392	3.067	0.724			5.0	192	10
01/03/24 18:30	0.553	2.027	2.580	0.665			6.3	193	08
01/03/24 18:35	0.700	2.007	2.707	0.601			7.1	196	06
01/03/24 18:40	1.244	2.944	4.188	0.595			6.2	194	08
01/03/24 18:45	1.057	1.594	2.651	0.562			6.8	196	06
01/03/24 18:50	0.842	0.525	1.368	0.558			6.5	196	06
01/03/24 18:55	0.584	0.815	1.399	0.521			5.5	189	11
01/03/24 19:00	0.369	1.118	1.487	0.503			5.8	188	10
01/03/24 19:05	0.211	1.046	1.258	0.491			6.0	191	09
01/03/24 19:10	0.285	1.081	1.366	0.495			5.3	191	13
01/03/24 19:15	0.377	0.975	1.351	0.456			5.3	187	10
01/03/24 19:20	0.354	1.066	1.420	0.430			4.5	184	13
01/03/24 19:25	0.287	1.553	1.840	0.397			3.7	182	15
01/03/24 19:30	0.215	1.756	1.971	0.429			3.6	181	14
01/03/24 19:35	0.105	1.715	1.820	0.487			3.8	182	15
01/03/24 19:40				0.524			4.1	183	13
01/03/24 19:45	19.713	9.806	29.519	0.564			2.6	179	21
01/03/24 19:50	1.955	8.574	10.529	0.591			3.7	187	14
01/03/24 19:55	0.460	2.262	2.722	0.540			3.2	182	17
01/03/24 20:00	0.469	2.054	2.523	0.527			2.9	176	19
01/03/24 20:05	0.432	2.095	2.527	0.609			3.1	175	18
01/03/24 20:10	0.322	2.161	2.483	0.637			3.6	181	17
01/03/24 20:15	0.265	2.349	2.614	0.613			4.4	191	10
01/03/24 20:20	0.206	2.862	3.069	0.630			3.8	185	12
01/03/24 20:25	0.152	3.017	3.169	0.496			3.6	188	11
01/03/24 20:30	0.100	2.767	2.867	0.500			3.4	186	13
01/03/24 20:35	0.018	2.404	2.422	0.504			3.8	189	12
01/03/24 20:40	0.048	2.270	2.319	0.419			3.1	176	20
01/03/24 20:45	-0.031	2.144	2.113	0.424			4.0	186	13
01/03/24 20:50	-0.009	2.017	2.008	0.536			3.9	187	12
01/03/24 20:55	-0.010	1.994	1.984	0.537			2.8	176	19
01/03/24 21:00	-0.050	2.021	1.970	0.541			3.8	184	14
01/03/24 21:05	-0.009	2.003	1.994	0.554			2.6	180	15
01/03/24 21:10	-0.013	1.909	1.896	0.563			3.1	173	20
01/03/24 21:15	-0.129	1.675	1.546	0.544			3.4	182	13
01/03/24 21:20	-0.106	1.383	1.277	0.548			3.8	188	13
01/03/24 21:25	-0.010	1.172	1.163	0.578			3.1	184	14
01/03/24 21:30	0.014	1.101	1.114	0.495			3.5	187	14
01/03/24 21:35	0.062	0.999	1.061	0.405			3.9	185	12
01/03/24 21:40	0.082	0.807	0.889	0.393			3.8	183	14
01/03/24 21:45	0.164	0.617	0.781	0.418			3.7	184	12
01/03/24 21:50	0.144	0.581	0.725	0.366			3.8	185	12
01/03/24 21:55	0.130	0.588	0.718	0.423			4.0	190	11
01/03/24 22:00	0.184	0.585	0.769	0.408			3.3	188	12
01/03/24 22:05	0.227	0.632	0.860	0.351			4.0	185	10
01/03/24 22:10	0.279	0.611	0.890	0.391			3.5	188	11
01/03/24 22:15	0.210	0.788	0.997	0.411			3.3	183	16
01/03/24 22:20	0.110	0.919	1.028	0.438			3.6	192	09
01/03/24 22:25	0.004	0.849	0.853	0.519			3.9	191	11
01/03/24 22:30	0.006	0.737	0.743	0.534			4.3	188	10
01/03/24 22:35	-0.017	0.631	0.614	0.462			4.0	185	11
01/03/24 22:40	0.041	0.530	0.571	0.502			3.2	186	14
01/03/24 22:45	-0.079	0.623	0.544	0.539			3.9	190	10
01/03/24 22:50	-0.033	0.814	0.781	0.418			4.1	190	12
01/03/24 22:55	-0.128	0.935	0.807	0.362			3.9	187	11
01/03/24 23:00	-0.190	0.937	0.747	0.418			4.0	192	10
01/03/24 23:05	-0.178	0.784	0.606	0.382			4.0	194	11
01/03/24 23:10	-0.110	0.717	0.607	0.361			6.3	205	06
01/03/24 23:15	-0.088	0.714	0.625	0.378			6.8	213	06
01/03/24 23:20	-0.070	0.890	0.819	0.415			6.9	215	05
01/03/24 23:25	-0.029	1.041	1.012	0.461			6.3	210	05
01/03/24 23:30	-0.013	1.158	1.145	0.465			6.5	212	05
01/03/24 23:35	-0.079	1.404	1.324	0.566			6.0	215	05
01/03/24 23:40	-0.152	1.545	1.393	0.535			6.4	225	07
01/03/24 23:45	-0.138	1.687	1.548	0.550			6.1	239	08
01/03/24 23:50	0.497	2.947	3.444				5.1	250	07
01/03/24 23:55	0.959	6.511	7.469				4.9	256	07
02/03/24 00:00	1.639	12.423	14.062	0.544			3.8	251	08
02/03/24 00:05	2.139	11.560	13.699	0.532			4.9	258	09
02/03/24 00:10	2.118	9.483	11.600	0.558			4.5	255	10
02/03/24 00:15	2.526	10.751	13.277	0.617			4.2	255	07
02/03/24 00:20	2.890	10.738	13.629	0.768			4.5	250	07
02/03/24 00:25	2.936	10.473	13.408	0.827			4.7	248	08
02/03/24 00:30	2.995	10.368	13.363	0.876			4.5	243	06
02/03/24 00:35	4.465	16.207	20.673	1.085			4.0	244	09
02/03/24 00:40	9.822	17.545	27.367	1.289			3.8	248	07
02/03/24 00:45	8.995	14.514	23.509	1.336			3.8	248	11
02/03/24 00:50	5.904	13.348	19.251	1.325			3.7	260	09
02/03/24 00:55	5.493	11.968	17.460	1.475			3.6	255	06
02/03/24 01:00	5.161	11.495	16.655	1.492			3.5	251	08
02/03/24 01:05							4.2	255	06
02/03/24 01:10							4.2	251	08
02/03/24 01:15							4.6	245	08
02/03/24 01:20							4.1	248	08
02/03/24 01:25							4.0	251	09
02/03/24 01:30							3.9	249	10
02/03/24 01:35							4.0	250	08
02/03/24 01:40							4.1	253	09
02/03/24 01:45							4.2	249	10
02/03/24 01:50							4.4	255	08
02/03/24 01:55							4.6	253	08
02/03/24 02:00							4.7	249	08
02/03/24 02:05	4.130	11.419	15.549	1.421			4.5	252	07
02/03/24 02:10	3.942	10.293	14.234	1.416			4.6	248	07
02/03/24 02:15	4.151	15.251	19.402	1.536			4.8	250	08
02/03/24 02:20	4.754	13.656	18.410	1.664			4.8	251	11
02/03/24 02:25	4.588	9.389	13.978	1.795			4.5	248	08
02/03/24 02:30	4.602	10.795	15.397	1.798			5.1	242	07
02/03/24 02:35	4.784	10.883	15.667	1.787			5.0	241	07
02/03/24 02:40	4.386	5.872	10.258	1.812			4.6	241	08
02/03/24 02:45	4.305	9.470	13.776	1.689			4.8	248	06
02/03/24 02:50	4.651	12.198	16.849	1.698			5.1	245	08
02/03/24 02:55	5.325	12.072	17.397	1.757			5.1	245	09
02/03/24 03:00	5.848	11.580	17.428	1.722			5.0	251	09

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/03/24 03:05	5.270	6.068	11.338	1.700			4.8	256	05
02/03/24 03:10	4.653	8.120	12.773	1.623			4.2	249	10
02/03/24 03:15	4.269	9.502	13.771	1.705			3.8	256	09
02/03/24 03:20	4.246	13.097	17.343	1.748			3.6	264	11
02/03/24 03:25	3.983	10.698	14.680	1.789			4.0	265	06
02/03/24 03:30	3.602	9.986	13.588	1.798			3.7	255	07
02/03/24 03:35	3.863	12.578	16.441	1.825			4.2	259	08
02/03/24 03:40	4.917	13.967	18.883	1.776			4.0	257	10
02/03/24 03:45	5.367	13.375	18.742	1.901			3.8	260	07
02/03/24 03:50	5.308	12.290	17.599	1.997			4.0	258	06
02/03/24 03:55	5.377	12.255	17.632	1.977			4.4	257	07
02/03/24 04:00	6.197	12.843	19.040	2.040			4.6	247	08
02/03/24 04:05	6.482	12.894	19.376	2.080			4.9	246	06
02/03/24 04:10	6.577	12.262	18.839	2.040			4.3	250	08
02/03/24 04:15	6.995	10.055	17.050	1.952			4.7	252	07
02/03/24 04:20	6.406	6.980	13.386	1.940			4.7	252	09
02/03/24 04:25	6.456	9.369	15.824	1.923			4.4	247	08
02/03/24 04:30	6.835	10.753	17.588	1.902			4.5	251	07
02/03/24 04:35	7.792	12.356	20.148	1.979			4.2	250	08
02/03/24 04:40	10.059	13.651	23.710	2.018			4.3	250	08
02/03/24 04:45	9.537	11.486	21.023	2.150			4.5	248	08
02/03/24 04:50	8.467	12.832	21.299	2.288			4.6	252	08
02/03/24 04:55	8.125	11.500	19.625	2.303			4.2	254	07
02/03/24 05:00	7.839	12.940	20.779	2.356			4.8	253	05
02/03/24 05:05	8.711	13.331	22.042	2.462			4.2	247	07
02/03/24 05:10	6.557	10.663	17.220	2.531			3.7	246	11
02/03/24 05:15	6.438	9.336	15.775	2.499			5.6	233	06
02/03/24 05:20	2.537	2.543	5.080	2.311			5.6	228	05
02/03/24 05:25	0.210	1.482	1.692	2.159			5.7	229	05
02/03/24 05:30	0.132	1.640	1.772	2.082			5.4	227	10
02/03/24 05:35	0.143	1.877	2.020	1.907			5.5	232	06
02/03/24 05:40	0.311	2.359	2.670	1.752			4.8	239	05
02/03/24 05:45	0.697	3.391	4.089	1.650			4.8	234	06
02/03/24 05:50	0.650	3.305	3.956	1.628			5.6	225	12
02/03/24 05:55	1.292	3.244	4.536	1.585			6.7	215	10
02/03/24 06:00	0.939	1.137	2.076	1.562			7.3	215	07
02/03/24 06:05	1.544	2.569	4.113	1.534			7.5	215	07
02/03/24 06:10	1.766	3.038	4.804	1.542			6.5	212	08
02/03/24 06:15	19.203	5.925	25.128	1.559			6.5	215	08
02/03/24 06:20	5.995	6.599	12.594	1.581			6.9	218	09
02/03/24 06:25	19.555	7.904	27.460	1.590			6.6	215	07
02/03/24 06:30	4.944	12.162	17.107	1.498			6.2	214	10
02/03/24 06:35	6.707	5.043	11.750	1.399			6.8	214	05
02/03/24 06:40	6.211	6.187	12.398	1.342			7.3	216	04
02/03/24 06:45	1.799	3.135	4.934	1.251			7.1	217	05
02/03/24 06:50	1.466	0.810	2.276	1.182			6.7	217	05
02/03/24 06:55	4.734	3.144	7.878	1.221			6.1	211	05
02/03/24 07:00	5.761	0.538	6.299	1.198			6.1	214	07
02/03/24 07:05	3.627	2.231	5.858	1.024			5.8	212	06
02/03/24 07:10	4.026	2.021	6.047	1.035			6.1	212	06
02/03/24 07:15	4.090	3.944	8.033	1.035			6.5	218	06
02/03/24 07:20	1.130	2.338	3.467	0.990			5.4	230	07
02/03/24 07:25	0.635	3.483	4.118	0.927			5.1	224	10
02/03/24 07:30	2.195	3.047	5.242	0.897			4.8	217	08
02/03/24 07:35	0.933	4.651	5.584	0.903			5.4	213	08
02/03/24 07:40	4.246	4.457	8.702	0.878			4.8	199	14
02/03/24 07:45	18.648	10.219	28.867	0.853			4.5	202	12
02/03/24 07:50	17.373	8.173	25.546	0.861			3.5	198	11
02/03/24 07:55	64.301	16.652	80.953	0.900			3.2	196	13
02/03/24 08:00	42.286	16.519	58.805	0.962			3.7	203	09
02/03/24 08:05	20.658	10.691	31.348	1.012			4.2	194	10
02/03/24 08:10	26.552	8.411	34.964	1.008			4.5	195	11
02/03/24 08:15	46.311	17.558	63.868	1.066			3.8	199	11
02/03/24 08:20	36.165	14.231	50.396	1.049			4.6	196	11
02/03/24 08:25	24.083	9.976	34.059	1.010			4.7	198	12
02/03/24 08:30	26.565	9.867	36.432	1.012			4.3	199	12
02/03/24 08:35	23.221	13.222	36.443	1.080			4.6	195	10
02/03/24 08:40	18.184	9.376	27.560	1.040			4.9	195	09
02/03/24 08:45	2.825	2.929	5.755	0.971			3.4	181	19
02/03/24 08:50	3.524	7.192	10.715	0.940			3.6	185	20
02/03/24 08:55	13.666	7.390	21.056	0.957			4.7	194	10
02/03/24 09:00	5.569	4.618	10.187	0.949			4.8	191	11
02/03/24 09:05	1.980	1.967	3.947	0.889			4.4	191	14
02/03/24 09:10	1.346	1.671	3.017	0.827			3.9	188	15
02/03/24 09:15	1.020	1.387	2.407	0.802			3.1	177	22
02/03/24 09:20	0.681	1.219	1.899	0.837			2.8	160	26
02/03/24 09:25	0.575	0.999	1.573	0.793			3.0	164	25
02/03/24 09:30	0.958	1.194	2.152	0.793			3.2	173	21
02/03/24 09:35	0.830	1.183	2.013	0.788			2.9	171	26
02/03/24 09:40	3.795	2.781	6.576	0.733			4.5	190	13
02/03/24 09:45	2.975	2.817	5.791	0.681			4.6	190	14
02/03/24 09:50	2.432	2.161	4.593	0.710			5.1	190	11
02/03/24 09:55	1.480	3.247	4.727	0.720			4.4	189	13
02/03/24 10:00	1.540	2.639	4.179	0.639			4.4	183	16
02/03/24 10:05	1.634	1.546	3.180	0.718			4.3	187	12
02/03/24 10:10	2.520	4.094	6.614	0.637			4.1	184	16
02/03/24 10:15	2.892	2.305	5.198	0.563			3.3	178	21
02/03/24 10:20	1.481	2.228	3.709	0.649			4.0	192	15
02/03/24 10:25	19.693	11.136	30.829	0.642			4.5	194	13
02/03/24 10:30	4.551	2.569	7.120	0.664			4.1	194	11
02/03/24 10:35	21.174	12.834	34.008	0.751			4.8	194	12
02/03/24 10:40	12.327	6.610	18.937	0.869			5.8	193	12
02/03/24 10:45				0.928			5.3	194	12
02/03/24 10:50	8.056	2.603	10.659	0.902			6.1	192	10
02/03/24 10:55	5.024	3.447	8.471	0.964			5.1	194	10
02/03/24 11:00	4.154	3.889	8.042	0.943			5.0	191	14
02/03/24 11:05	6.719	3.111	9.830	0.847			5.2	197	10
02/03/24 11:10	6.198	4.691	10.889	0.809			4.4	188	15
02/03/24 11:15	3.774	4.295	8.069	0.676			4.3	193	12
02/03/24 11:20	9.458	3.833	13.292	0.672			4.0	190	15
02/03/24 11:25	10.670	9.220	19.891	0.722			4.5	195	12
02/03/24 11:30	15.608	10.277	25.886	0.815			4.2	199	08
02/03/24 11:35	5.124	3.740	8.864	0.800			4.1	191	14
02/03/24 11:40	3.633	3.579	7.212	0.848			4.1	191	14
02/03/24 11:45	11.672	8.639	20.311	0.781			3.6	196	12
02/03/24 11:50	38.566	13.918	52.483	0.766			4.3	199	12
02/03/24 11:55	34.577	13.887	48.464	0.823			3.6	197	11
02/03/24 12:00	16.970	7.936	24.906	0.780			4.1	196	12

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/03/24 12:05	7.331	5.371	12.703	0.737			4.3	193	12
02/03/24 12:10	7.384	5.775	13.159	0.782			4.4	192	11
02/03/24 12:15	11.922	8.312	20.235	0.744			4.3	197	14
02/03/24 12:20	20.842	11.422	32.263	0.733			4.6	198	10
02/03/24 12:25	38.240	19.614	57.854	0.726			4.5	201	10
02/03/24 12:30	35.699	19.221	54.920	0.887			4.2	198	10
02/03/24 12:35	12.098	11.051	23.149	0.870			4.6	198	12
02/03/24 12:40	59.493	22.519	82.012	0.835			4.6	199	09
02/03/24 12:45	86.826	27.215	114.041	0.913			4.4	200	11
02/03/24 12:50	35.747	16.892	52.639	0.845			4.7	197	11
02/03/24 12:55	22.867	6.208	29.075	0.788			4.7	193	12
02/03/24 13:00	7.251	5.010	12.262	0.799			4.9	197	09
02/03/24 13:05	0.968	1.686	2.654	0.788			5.0	195	11
02/03/24 13:10	1.071	1.503	2.574	0.792			4.4	192	13
02/03/24 13:15	1.535	1.682	3.217	0.754			4.8	195	12
02/03/24 13:20	2.550	3.100	5.650	0.712			5.4	191	11
02/03/24 13:25	2.302	3.136	5.438	0.746			5.7	195	09
02/03/24 13:30	1.393	2.178	3.570	0.733			5.5	192	10
02/03/24 13:35	1.356	2.052	3.408	0.747			5.1	196	11
02/03/24 13:40	1.187	1.565	2.752	0.621			5.0	193	11
02/03/24 13:45	1.139	1.084	2.224	0.635			4.7	196	11
02/03/24 13:50	1.089	1.167	2.256	0.667			4.8	193	12
02/03/24 13:55	0.933	1.213	2.146	0.675			5.0	194	12
02/03/24 14:00	1.006	2.384	3.390	0.733			5.1	190	13
02/03/24 14:05	1.232	3.006	4.238	0.730			4.9	194	13
02/03/24 14:10	1.065	2.219	3.285	0.666			4.8	196	11
02/03/24 14:15	1.055	1.767	2.822	0.573			5.2	192	11
02/03/24 14:20	1.168	1.783	2.951	0.522			4.6	197	11
02/03/24 14:25	1.089	1.693	2.782	0.534			4.9	194	10
02/03/24 14:30	0.945	1.551	2.495	0.548			4.3	196	12
02/03/24 14:35	0.944	1.565	2.509	0.613			4.7	192	10
02/03/24 14:40	0.946	1.462	2.407	0.634			4.4	194	15
02/03/24 14:45	0.895	1.426	2.322	0.508			4.6	193	12
02/03/24 14:50	0.781	1.401	2.182	0.436			4.2	191	12
02/03/24 14:55	0.732	1.326	2.057	0.448			4.3	188	13
02/03/24 15:00	0.739	1.343	2.082	0.502			3.6	191	13
02/03/24 15:05	0.744	1.409	2.153	0.611			3.9	188	15
02/03/24 15:10	0.686	1.405	2.091	0.631			4.0	189	13
02/03/24 15:15	0.786	1.500	2.286	0.624			3.9	189	11
02/03/24 15:20	0.791	1.524	2.315	0.565			3.6	188	16
02/03/24 15:25	0.744	1.526	2.271	0.530			3.3	190	14
02/03/24 15:30	0.729	1.493	2.222	0.435			3.7	191	13
02/03/24 15:35	0.880	1.803	2.682	0.370			4.7	194	10
02/03/24 15:40	1.069	2.112	3.182	0.377			4.5	194	09
02/03/24 15:45	1.304	2.369	3.674	0.387			3.6	193	13
02/03/24 15:50	1.250	2.401	3.650	0.338			3.7	196	11
02/03/24 15:55	1.235	2.446	3.681	0.323			3.5	193	13
02/03/24 16:00	1.295	2.502	3.797	0.391			3.6	191	13
02/03/24 16:05	1.301	2.400	3.701	0.452			4.0	194	09
02/03/24 16:10	1.144	2.310	3.454	0.564			3.7	191	14
02/03/24 16:15	0.947	2.157	3.104	0.525			3.5	192	12
02/03/24 16:20	1.209	2.468	3.677	0.579			4.0	193	13
02/03/24 16:25	1.583	2.739	4.321	0.632			4.1	189	13
02/03/24 16:30	1.452	2.053	3.505	0.655			3.7	193	10
02/03/24 16:35	1.321	1.944	3.264	0.693			3.8	194	12
02/03/24 16:40	1.274	2.113	3.387	0.678			3.9	193	10
02/03/24 16:45	1.289	2.118	3.406	0.645			3.9	192	12
02/03/24 16:50	1.344	2.262	3.606	0.655			3.7	195	11
02/03/24 16:55	1.457	2.440	3.897	0.590			2.9	191	15
02/03/24 17:00	1.506	2.758	4.264	0.542			3.7	192	09
02/03/24 17:05	1.741	3.232	4.974	0.546			3.3	194	13
02/03/24 17:10	1.495	3.113	4.608	0.547			3.3	193	13
02/03/24 17:15	1.337	2.986	4.324	0.476			2.9	191	12
02/03/24 17:20				0.407			3.1	188	16
02/03/24 17:25	5.332	5.957	11.289	0.301			4.0	197	09
02/03/24 17:30	4.056	5.873	9.929	0.322			3.6	195	08
02/03/24 17:35	2.778	3.264	6.042	0.253			3.2	191	11
02/03/24 17:40	1.825	2.399	4.225	0.211			3.7	197	09
02/03/24 17:45	1.566	2.535	4.102	0.164			3.3	193	16
02/03/24 17:50	1.488	2.833	4.321	0.141			3.6	192	15
02/03/24 17:55	1.362	2.507	3.868	0.119			4.0	198	10
02/03/24 18:00	1.078	1.791	2.868	0.126			3.8	196	07
02/03/24 18:05	1.000	1.962	2.963	0.066			3.1	189	09
02/03/24 18:10	0.919	2.274	3.193	0.041			2.8	188	11
02/03/24 18:15	0.750	2.522	3.272	-0.011			2.9	188	13
02/03/24 18:20	0.588	2.646	3.234	-0.103			3.2	189	13
02/03/24 18:25	0.651	2.471	3.122	-0.210			3.7	195	10
02/03/24 18:30	0.558	2.135	2.693	-0.178			3.4	196	08
02/03/24 18:35	0.451	1.951	2.401	-0.130			3.6	190	13
02/03/24 18:40	0.356	1.794	2.151	-0.069			4.9	198	07
02/03/24 18:45	0.414	1.664	2.078	-0.011			5.7	198	06
02/03/24 18:50	0.353	1.553	1.906	0.034			4.2	194	11
02/03/24 18:55	0.405	1.791	2.196	0.052			4.1	192	07
02/03/24 19:00	0.454	1.819	2.273	0.037			4.8	197	08
02/03/24 19:05	0.462	1.740	2.202	0.055			4.6	198	09
02/03/24 19:10	0.395	1.535	1.930	-0.009			4.8	195	10
02/03/24 19:15	0.312	1.237	1.549	-0.019			5.8	200	05
02/03/24 19:20	0.333	1.055	1.388	0.050			4.7	197	07
02/03/24 19:25	0.360	0.943	1.302	-0.018			4.9	197	07
02/03/24 19:30	0.654	1.463	2.117	-0.006			4.5	195	08
02/03/24 19:35	0.791	2.040	2.831	0.056			4.3	194	09
02/03/24 19:40	0.598	1.262	1.860	0.164			5.1	198	08
02/03/24 19:45	0.504	1.086	1.590	0.168			4.2	196	12
02/03/24 19:50	0.328	0.993	1.321	0.200			4.2	195	10
02/03/24 19:55	0.298	0.932	1.231	0.170			4.6	194	10
02/03/24 20:00	0.334	0.815	1.149	0.169			3.9	195	09
02/03/24 20:05	0.367	1.089	1.455	0.274			3.9	196	10
02/03/24 20:10	0.520	2.088	2.608	0.307			3.4	195	11
02/03/24 20:15	0.390	3.160	3.550	0.260			4.0	195	10
02/03/24 20:20	0.424	3.495	3.919	0.198			3.7	195	11
02/03/24 20:25	0.345	2.644	2.990	0.234			3.7	187	10
02/03/24 20:30	0.169	1.696	1.866	0.235			3.6	190	10
02/03/24 20:35	0.199	1.387	1.586	0.189			3.6	193	10
02/03/24 20:40	0.185	1.310	1.495	0.245			3.7	191	10
02/03/24 20:45	0.219	1.282	1.500	0.277			3.7	191	11
02/03/24 20:50	0.194	1.236	1.430	0.262			2.8	189	13
02/03/24 20:55	0.206	1.319	1.526	0.209			3.2	195	07
02/03/24 21:00	0.147	1.458	1.606	0.148			3.3	194	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/03/24 21:05	0.124	1.799	1.923	0.176			3.1	186	13
02/03/24 21:10	0.211	2.172	2.382	0.179			3.0	197	09
02/03/24 21:15	0.169	2.334	2.503	0.255			3.0	190	14
02/03/24 21:20	0.173	2.386	2.559	0.201			3.2	197	07
02/03/24 21:25	0.090	2.409	2.499	0.215			2.6	187	10
02/03/24 21:30	0.062	2.449	2.511	0.223			2.6	187	14
02/03/24 21:35	-0.066	2.414	2.348	0.214			2.6	186	13
02/03/24 21:40	-0.053	2.287	2.234	0.250			2.6	194	10
02/03/24 21:45	-0.051	2.164	2.114	0.241			3.2	194	11
02/03/24 21:50	-0.098	2.129	2.031	0.245			2.5	188	12
02/03/24 21:55	-0.106	2.181	2.075	0.216			2.7	191	11
02/03/24 22:00	-0.003	2.213	2.210	0.209			2.9	193	10
02/03/24 22:05	0.067	2.183	2.250	0.100			2.9	191	11
02/03/24 22:10	0.099	2.051	2.150	0.093			2.6	189	13
02/03/24 22:15	0.143	1.938	2.081	0.056			2.8	183	12
02/03/24 22:20	0.200	1.877	2.076	0.056			2.7	191	13
02/03/24 22:25	0.089	1.837	1.927	0.217			2.7	195	11
02/03/24 22:30	0.040	1.737	1.777	0.329			2.9	190	10
02/03/24 22:35	-0.059	1.610	1.550	0.274			2.8	193	12
02/03/24 22:40	-0.103	1.550	1.448	0.275			3.0	190	11
02/03/24 22:45	-0.061	1.470	1.410	0.227			2.9	191	11
02/03/24 22:50	-0.067	1.360	1.293	0.110			3.1	186	13
02/03/24 22:55	0.072	1.292	1.364	0.035			3.6	196	11
02/03/24 23:00	0.139	1.368	1.506	0.062			2.5	186	16
02/03/24 23:05	0.148	1.360	1.508	0.094			3.5	189	12
02/03/24 23:10	0.065	1.287	1.352	0.088			4.1	196	09
02/03/24 23:15	-0.042	1.176	1.134	0.081			4.2	198	07
02/03/24 23:20	0.005	0.997	1.002	0.021			3.2	195	08
02/03/24 23:25	0.034	0.821	0.855	-0.057			3.0	192	11
02/03/24 23:30	-0.026	0.795	0.769	-0.134			3.3	190	12
02/03/24 23:35	-0.034	0.774	0.740	-0.049			2.9	193	11
02/03/24 23:40	0.101	0.759	0.860	0.004			3.2	191	12
02/03/24 23:45	0.123	0.718	0.841	0.001			3.7	193	10
02/03/24 23:50	0.155	0.713	0.868				2.7	195	10
02/03/24 23:55	0.169	0.661	0.830				4.6	205	05
03/03/24 00:00	0.142	0.593	0.735	-0.017			4.0	210	08
03/03/24 00:05	-0.021	0.677	0.655	0.046			4.0	197	12
03/03/24 00:10	-0.108	0.675	0.568	0.089			4.2	206	08
03/03/24 00:15	-0.079	0.708	0.629	0.166			3.7	210	08
03/03/24 00:20	-0.030	0.790	0.760	0.201			3.8	210	10
03/03/24 00:25	0.050	0.805	0.855	0.197			3.5	204	04
03/03/24 00:30	0.082	0.788	0.871	0.336			2.7	191	13
03/03/24 00:35	0.237	0.874	1.111	0.269			3.6	199	08
03/03/24 00:40	0.189	1.002	1.191	0.305			3.1	213	12
03/03/24 00:45	0.077	0.839	0.916	0.295			2.8	202	12
03/03/24 00:50	0.130	0.745	0.876	0.255			2.4	208	07
03/03/24 00:55	0.036	0.700	0.736	0.218			3.7	208	14
03/03/24 01:00	0.069	0.697	0.766	0.282			4.5	213	09
03/03/24 01:05							4.9	220	05
03/03/24 01:10							5.1	217	04
03/03/24 01:15							4.9	219	09
03/03/24 01:20							4.1	255	08
03/03/24 01:25							5.2	270	05
03/03/24 01:30							4.7	260	07
03/03/24 01:35							4.6	263	05
03/03/24 01:40							4.1	259	06
03/03/24 01:45							3.8	251	09
03/03/24 01:50							4.3	249	08
03/03/24 01:55							4.6	254	06
03/03/24 02:00							4.8	249	06
03/03/24 02:05	3.180	16.532	19.713	0.376			4.8	251	08
03/03/24 02:10	4.372	14.723	19.095	0.417			5.2	251	06
03/03/24 02:15	7.285	14.996	22.281	0.476			5.6	248	04
03/03/24 02:20	10.026	12.068	22.094	0.581			6.2	247	06
03/03/24 02:25	9.613	11.305	20.918	0.668			5.8	247	06
03/03/24 02:30	8.166	10.660	18.827	0.777			5.4	250	08
03/03/24 02:35	7.227	11.226	18.453	0.839			5.0	252	06
03/03/24 02:40	6.396	9.969	16.364	0.818			4.9	256	07
03/03/24 02:45	6.060	10.337	16.397	0.931			5.2	254	08
03/03/24 02:50	5.545	10.249	15.795	0.962			5.0	252	07
03/03/24 02:55	5.565	10.654	16.218	0.910			5.4	249	06
03/03/24 03:00	5.524	10.336	15.860	0.908			5.9	245	08
03/03/24 03:05	5.020	7.706	12.726	1.036			6.9	245	06
03/03/24 03:10	4.572	6.672	11.244	1.073			6.4	242	06
03/03/24 03:15	4.211	6.600	10.811	1.115			6.0	245	06
03/03/24 03:20	4.028	8.023	12.051	1.252			5.5	244	08
03/03/24 03:25	4.377	14.739	19.116	1.519			4.8	249	09
03/03/24 03:30	5.214	17.593	22.807	1.872			5.1	255	06
03/03/24 03:35	5.593	16.664	22.256	2.042			5.2	252	06
03/03/24 03:40	5.248	14.475	19.723	2.140			4.9	249	10
03/03/24 03:45	4.872	12.754	17.626	2.153			5.3	251	06
03/03/24 03:50	4.386	10.549	14.936	2.192			5.3	252	07
03/03/24 03:55	4.081	8.500	12.581	2.107			5.2	256	06
03/03/24 04:00	3.927	8.646	12.572	2.034			4.8	259	06
03/03/24 04:05	4.098	9.748	13.847	1.975			4.8	259	07
03/03/24 04:10	3.938	9.829	13.767	1.957			4.9	261	07
03/03/24 04:15	3.563	9.514	13.077	1.979			5.1	257	07
03/03/24 04:20	4.365	11.701	16.066	1.976			4.8	259	08
03/03/24 04:25	4.300	10.049	14.349	1.943			4.7	256	09
03/03/24 04:30	4.293	10.589	14.882	1.954			5.0	260	06
03/03/24 04:35	4.245	10.700	14.946	1.774			4.8	260	07
03/03/24 04:40	4.296	10.716	15.012	1.805			5.2	258	07
03/03/24 04:45	4.414	10.928	15.342	1.699			4.7	259	08
03/03/24 04:50	4.502	11.000	15.502	1.610			5.1	261	05
03/03/24 04:55	4.966	11.334	16.300	1.540			5.4	254	09
03/03/24 05:00	5.210	11.357	16.567	1.520			5.0	255	07
03/03/24 05:05	5.458	11.358	16.816	1.538			5.3	256	07
03/03/24 05:10	5.515	11.216	16.731	1.524			5.2	252	07
03/03/24 05:15	5.886	11.277	17.163	1.452			5.4	252	06
03/03/24 05:20	5.663	11.021	16.683	1.319			5.7	256	08
03/03/24 05:25	5.727	11.072	16.798	1.344			5.6	252	06
03/03/24 05:30	5.657	10.822	16.479	1.422			5.6	255	06
03/03/24 05:35	5.315	10.497	15.811	1.513			5.2	255	08
03/03/24 05:40	5.127	10.702	15.830	1.632			4.9	255	09
03/03/24 05:45	5.184	11.057	16.241	1.618			4.7	259	07
03/03/24 05:50	5.038	11.094	16.131	1.555			4.9	252	09
03/03/24 05:55	5.360	11.120	16.480	1.521			4.6	254	07
03/03/24 06:00	6.198	11.782	17.980	1.555			4.4	254	09

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/03/24 06:05	7.105	14.089	21.193	1.584			4.3	259	06
03/03/24 06:10	18.284	22.970	41.254	1.637			4.7	264	07
03/03/24 06:15	35.312	18.233	53.546	1.613			5.0	261	09
03/03/24 06:20	9.300	14.310	23.610	1.592			4.9	261	08
03/03/24 06:25	7.094	13.622	20.716	1.505			5.1	265	06
03/03/24 06:30	7.465	13.788	21.253	1.432			5.1	262	08
03/03/24 06:35	8.330	12.329	20.658	1.406			4.4	268	09
03/03/24 06:40	6.251	10.776	17.026	1.362			2.6	280	14
03/03/24 06:45	4.397	9.747	14.144	1.310			3.3	274	12
03/03/24 06:50	5.308	11.044	16.352	1.221			4.4	266	07
03/03/24 06:55	7.124	12.681	19.804	1.162			4.4	267	06
03/03/24 07:00	7.498	12.152	19.650	1.119			3.6	273	12
03/03/24 07:05	7.056	11.552	18.608	0.988			3.3	276	13
03/03/24 07:10	6.774	10.684	17.458	0.958			2.8	279	12
03/03/24 07:15	6.165	10.110	16.275	0.885			2.5	290	18
03/03/24 07:20	5.421	8.886	14.307	0.874			2.8	280	15
03/03/24 07:25	4.811	6.675	11.486	0.908			2.8	282	17
03/03/24 07:30	4.478	5.977	10.455	0.942			2.5	287	16
03/03/24 07:35	4.156	5.608	9.764	0.894			2.2	287	18
03/03/24 07:40	3.777	5.430	9.207	0.949			2.8	275	12
03/03/24 07:45	3.634	5.435	9.070	0.973			2.7	276	12
03/03/24 07:50	4.686	6.600	11.286	1.064			4.0	259	11
03/03/24 07:55	6.257	9.329	15.587	1.120			4.4	254	11
03/03/24 08:00	6.155	8.772	14.927	1.111			4.9	256	06
03/03/24 08:05	5.144	6.087	11.231	1.160			4.2	263	12
03/03/24 08:10	4.419	5.168	9.587	1.082			4.5	268	06
03/03/24 08:15	3.851	4.851	8.702	0.984			3.7	270	12
03/03/24 08:20	3.300	4.827	8.127	0.940			4.2	265	09
03/03/24 08:25	3.199	5.025	8.225	0.906			4.1	265	11
03/03/24 08:30	3.322	5.347	8.669	0.832			4.9	259	07
03/03/24 08:35	3.834	5.914	9.748	0.895			5.2	257	06
03/03/24 08:40	4.065	6.119	10.185	0.956			6.0	247	10
03/03/24 08:45	3.800	5.567	9.367	0.976			5.8	246	08
03/03/24 08:50	3.618	5.278	8.896	1.032			6.0	262	09
03/03/24 08:55	3.655	5.239	8.894	0.932			6.1	245	08
03/03/24 09:00	3.460	4.800	8.260	0.801			5.7	243	11
03/03/24 09:05	3.265	4.179	7.444	0.782			6.6	248	08
03/03/24 09:10	2.772	2.922	5.694	0.771			6.6	239	08
03/03/24 09:15	2.292	1.717	4.009	0.685			7.0	230	10
03/03/24 09:20	1.788	1.033	2.821	0.715			7.2	226	12
03/03/24 09:25	1.407	0.535	1.942	0.772			7.5	232	06
03/03/24 09:30	1.056	0.413	1.469	0.722			8.7	232	08
03/03/24 09:35	0.860	0.438	1.297	0.760			9.5	233	06
03/03/24 09:40	0.622	0.251	0.872	0.675			9.0	233	04
03/03/24 09:45	0.446	0.410	0.856	0.665			8.8	234	06
03/03/24 09:50	0.325	0.464	0.789	0.597			9.0	227	06
03/03/24 09:55	0.183	0.592	0.775	0.679			7.8	233	06
03/03/24 10:00	0.376	0.972	1.348	0.656			8.0	240	06
03/03/24 10:05	0.391	1.146	1.537	0.704			7.5	234	08
03/03/24 10:10	0.255	0.875	1.130	0.709			8.0	238	06
03/03/24 10:15	0.365	0.927	1.291	0.700			8.1	230	07
03/03/24 10:20	0.313	0.880	1.193	0.684			8.2	234	06
03/03/24 10:25	0.438	1.068	1.506	0.627			6.7	236	09
03/03/24 10:30	0.549	1.267	1.816	0.665			7.0	231	08
03/03/24 10:35	0.581	1.356	1.937	0.686			6.5	240	09
03/03/24 10:40	0.642	1.442	2.083	0.664			6.0	236	11
03/03/24 10:45	0.667	1.482	2.149	0.655			6.9	231	05
03/03/24 10:50	0.730	1.585	2.315	0.706			6.5	234	07
03/03/24 10:55	1.005	1.727	2.733	0.684			7.7	222	08
03/03/24 11:00	1.070	1.756	2.826	0.648			8.3	239	08
03/03/24 11:05	0.945	1.686	2.631	0.679			6.5	230	06
03/03/24 11:10	1.233	2.058	3.292	0.646			7.5	228	09
03/03/24 11:15	1.385	2.044	3.429	0.616			7.5	226	09
03/03/24 11:20	1.311	1.957	3.268	0.746			7.0	234	09
03/03/24 11:25	1.481	2.257	3.737	0.802			6.4	237	07
03/03/24 11:30	1.527	1.892	3.419	0.732			7.7	231	07
03/03/24 11:35	1.157	0.273	1.430	0.628			7.2	225	10
03/03/24 11:40	0.837	0.255	1.091	0.611			7.5	227	10
03/03/24 11:45	0.685	0.376	1.061	0.624			7.4	230	05
03/03/24 11:50	0.613	0.467	1.079	0.637			6.7	222	06
03/03/24 11:55	0.631	0.535	1.166	0.559			6.4	227	10
03/03/24 12:00	0.563	0.633	1.196	0.471			6.3	226	08
03/03/24 12:05	0.486	0.708	1.194	0.516			6.4	224	06
03/03/24 12:10	0.453	0.780	1.233	0.578			5.9	228	07
03/03/24 12:15	0.386	0.889	1.275	0.585			5.6	224	08
03/03/24 12:20	0.226	0.934	1.159	0.679			6.5	220	07
03/03/24 12:25	0.302	0.972	1.274	0.641			6.7	224	09
03/03/24 12:30	0.402	0.885	1.287	0.690			6.7	220	08
03/03/24 12:35	0.883	1.232	2.115	0.640			6.1	215	06
03/03/24 12:40	1.891	2.650	4.540	0.570			5.8	211	10
03/03/24 12:45	2.735	3.132	5.867	0.539			6.5	215	05
03/03/24 12:50	1.950	1.674	3.623	0.514			6.1	210	08
03/03/24 12:55	2.530	3.647	6.177	0.577			5.7	211	08
03/03/24 13:00	2.972	2.972	5.945	0.539			6.3	213	05
03/03/24 13:05	2.621	1.335	3.956	0.523			6.0	217	06
03/03/24 13:10	2.271	1.936	4.207	0.437			6.2	219	06
03/03/24 13:15				0.443			6.0	220	09
03/03/24 13:20				0.430			5.6	213	08
03/03/24 13:25	1.335	0.460	1.795	0.536			5.5	212	07
03/03/24 13:30	1.031	0.513	1.544	0.568			6.0	212	08
03/03/24 13:35	0.900	1.198	2.099	0.554			4.9	210	09
03/03/24 13:40	1.589	3.807	5.396	0.605			4.1	205	12
03/03/24 13:45	2.381	5.503	7.884	0.617			3.8	203	13
03/03/24 13:50	4.573	2.125	6.698	0.501			3.5	199	12
03/03/24 13:55	1.635	2.251	3.886	0.431			4.2	199	12
03/03/24 14:00	9.689	2.856	12.545	0.410			5.3	193	08
03/03/24 14:05	1.271	1.225	2.496	0.430			3.9	192	13
03/03/24 14:10	1.693	1.369	3.062	0.309			3.9	192	12
03/03/24 14:15	1.545	1.725	3.270	0.337			4.1	191	12
03/03/24 14:20	2.653	4.112	6.765	0.337			4.3	193	11
03/03/24 14:25	1.412	1.409	2.821	0.329			5.1	191	10
03/03/24 14:30	2.531	1.664	4.195	0.405			6.1	190	10
03/03/24 14:35	1.714	1.276	2.990	0.320			5.3	192	08
03/03/24 14:40				0.347			5.2	193	10
03/03/24 14:45	5.649	4.346	9.995	0.367			6.0	191	10
03/03/24 14:50	2.602	2.857	5.459	0.395			6.7	192	07
03/03/24 14:55	3.259	3.981	7.240	0.407			6.2	191	09
03/03/24 15:00	7.340	2.116	9.455	0.500			6.6	193	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/03/24 15:05	2.525	2.644	5.169	0.523			6.3	193	10
03/03/24 15:10	11.487	7.843	19.330	0.530			6.8	192	07
03/03/24 15:15	10.425	3.523	13.948	0.447			6.5	190	09
03/03/24 15:20	2.774	1.320	4.094	0.462			6.2	190	11
03/03/24 15:25	2.777	1.669	4.446	0.394			6.0	190	10
03/03/24 15:30	10.402	3.784	14.186	0.362			6.5	191	10
03/03/24 15:35	25.322	7.123	32.445	0.384			6.8	192	07
03/03/24 15:40	58.910	10.112	69.022	0.453			6.7	194	08
03/03/24 15:45	14.075	6.665	20.740	0.488			7.0	191	11
03/03/24 15:50	12.324	4.949	17.273	0.503			8.0	193	09
03/03/24 15:55	14.490	4.617	19.108	0.445			6.5	193	10
03/03/24 16:00	10.664	9.385	20.049	0.506			6.5	193	10
03/03/24 16:05	17.477	6.372	23.849	0.495			6.9	194	09
03/03/24 16:10	21.114	9.708	30.822	0.571			6.7	192	09
03/03/24 16:15	25.238	7.622	32.860	0.586			5.9	193	10
03/03/24 16:20	18.181	8.510	26.691	0.490			6.2	196	09
03/03/24 16:25	13.912	6.347	20.259	0.479			6.1	193	09
03/03/24 16:30	18.078	7.155	25.233	0.485			6.0	192	10
03/03/24 16:35	15.292	7.306	22.598	0.487			6.3	191	10
03/03/24 16:40	13.015	6.279	19.294	0.535			5.6	192	10
03/03/24 16:45	22.613	11.388	34.001	0.613			6.8	193	08
03/03/24 16:50	26.580	4.732	31.311	0.802			6.2	196	11
03/03/24 16:55	127.110	9.333	136.443	1.299			6.7	193	09
03/03/24 17:00	26.053	7.726	33.779	1.485			6.6	195	09
03/03/24 17:05	23.104	9.294	32.398	1.510			6.6	192	09
03/03/24 17:10	44.096	5.971	50.067	1.706			6.5	193	08
03/03/24 17:15	21.375	8.115	29.490	1.643			6.8	194	08
03/03/24 17:20	117.328	26.003	143.330	2.358			6.6	192	10
03/03/24 17:25	27.858	4.894	32.751	2.582			6.1	195	09
03/03/24 17:30	141.711	8.527	150.237	3.818			6.9	190	08
03/03/24 17:35	75.669	25.725	101.394	4.083			6.1	192	09
03/03/24 17:40	44.093	14.802	58.895	5.118			6.4	191	09
03/03/24 17:45	77.349	18.656	96.004	3.380			5.7	194	09
03/03/24 17:50	209.711	30.148	239.858	11.500			6.8	190	06
03/03/24 17:55	56.526	9.972	66.498	10.953			6.7	194	09
03/03/24 18:00				8.667			6.9	193	09
03/03/24 18:05	70.341	7.780	78.121	8.841			6.3	192	09
03/03/24 18:10	29.065	7.803	36.868	7.362			6.5	193	09
03/03/24 18:15	12.592	7.587	20.179	3.978			6.1	195	11
03/03/24 18:20	143.953	7.052	151.005	4.915			6.6	194	10
03/03/24 18:25	15.904	7.904	23.808	4.762			7.1	192	07
03/03/24 18:30	19.006	6.922	25.928	3.357			6.5	192	09
03/03/24 18:35	64.032	2.718	66.750	4.246			7.4	192	08
03/03/24 18:40	44.200	6.795	50.996	4.106			6.2	193	08
03/03/24 18:45	40.303	8.875	49.178	4.185			6.5	191	09
03/03/24 18:50	43.330	3.710	47.040	4.239			6.3	191	09
03/03/24 18:55	45.735	7.366	53.101	3.899			7.0	192	07
03/03/24 19:00	23.848	6.745	30.593	3.824			6.8	191	08
03/03/24 19:05	20.145	11.904	32.049	3.442			5.8	192	10
03/03/24 19:10	18.296	6.106	24.401	2.671			6.2	190	11
03/03/24 19:15	15.924	5.451	21.375	2.491			6.5	192	09
03/03/24 19:20	16.955	7.326	24.281	2.449			5.9	195	10
03/03/24 19:25	12.348	5.244	17.592	2.326			5.8	192	10
03/03/24 19:30	14.802	5.384	20.187	2.377			6.4	192	09
03/03/24 19:35	29.462	8.873	38.336	2.594			5.7	192	08
03/03/24 19:40	15.751	4.790	20.542	2.492			5.6	190	10
03/03/24 19:45	40.544	11.669	52.212	2.224			5.0	195	12
03/03/24 19:50	81.222	17.953	99.175	3.788			6.4	192	07
03/03/24 19:55	15.742	8.461	24.204	4.580			6.0	193	09
03/03/24 20:00	8.328	4.439	12.767	2.646			6.4	189	10
03/03/24 20:05	120.504	21.512	142.016	3.194			6.5	193	09
03/03/24 20:10	36.308	10.277	46.585	5.284			6.0	192	07
03/03/24 20:15	88.465	19.760	108.225	4.061			5.5	195	09
03/03/24 20:20	80.114	15.479	95.593	7.110			5.9	190	09
03/03/24 20:25	22.457	5.200	27.658	2.906			5.4	192	11
03/03/24 20:30	27.320	6.360	33.680	2.029			5.0	191	11
03/03/24 20:35	6.020	2.361	8.381	1.633			4.3	187	12
03/03/24 20:40	43.090	9.681	52.771	1.639			4.9	193	10
03/03/24 20:45	28.117	6.975	35.092	2.837			5.0	192	11
03/03/24 20:50	2.106	2.628	4.734	2.350			4.8	189	08
03/03/24 20:55	33.876	3.388	37.264	1.798			5.6	193	07
03/03/24 21:00	18.795	4.631	23.425	1.848			5.0	192	11
03/03/24 21:05	10.983	5.991	16.975	1.953			6.8	200	07
03/03/24 21:10	0.821	1.956	2.778	1.671			4.5	188	13
03/03/24 21:15	1.313	2.873	4.186	1.214			5.4	195	11
03/03/24 21:20	0.821	1.082	1.902	1.150			5.7	197	09
03/03/24 21:25	0.489	0.505	0.995	1.233			4.0	182	18
03/03/24 21:30	0.369	0.576	0.945	1.122			4.2	174	19
03/03/24 21:35	0.233	0.621	0.854	1.029			3.5	170	25
03/03/24 21:40	0.280	0.618	0.898	1.043			3.7	171	23
03/03/24 21:45	0.293	0.593	0.886	0.832			4.3	179	17
03/03/24 21:50	0.196	0.630	0.826	0.714			3.8	172	23
03/03/24 21:55	0.303	0.551	0.854	0.570			3.7	163	27
03/03/24 22:00	0.376	0.505	0.880	0.627			3.4	160	28
03/03/24 22:05	0.295	0.383	0.678	0.688			3.3	168	28
03/03/24 22:10	0.232	0.398	0.630	0.850			3.2	162	27
03/03/24 22:15	0.184	0.428	0.613	0.664			3.8	177	19
03/03/24 22:20	0.172	0.435	0.607	0.623			3.9	164	24
03/03/24 22:25	0.138	0.410	0.548	0.643			3.7	170	21
03/03/24 22:30	0.219	0.367	0.586	0.636			4.9	146	18
03/03/24 22:35	0.160	0.343	0.503	0.646			4.3	146	25
03/03/24 22:40	0.075	0.311	0.386	0.659			5.3	140	14
03/03/24 22:45	0.011	0.301	0.312	0.618			4.5	142	19
03/03/24 22:50	-0.032	0.302	0.270	0.692			2.9	155	27
03/03/24 22:55	-0.102	0.358	0.257	0.573			2.7	168	24
03/03/24 23:00	-0.104	0.348	0.243	0.295			3.2	173	21
03/03/24 23:05	-0.034	0.340	0.306	0.047			3.3	166	24
03/03/24 23:10	-0.059	0.372	0.313	0.173			3.1	171	20
03/03/24 23:15	-0.006	0.392	0.386	0.382			2.9	175	23
03/03/24 23:20	0.014	0.371	0.385	0.559			2.9	172	23
03/03/24 23:25	0.083	0.346	0.430	0.524			3.3	176	19
03/03/24 23:30	0.106	0.318	0.423	0.470			3.4	156	23
03/03/24 23:35	0.101	0.333	0.434	0.465			3.0	177	23
03/03/24 23:40	0.081	0.352	0.433	0.507			4.2	152	24
03/03/24 23:45	0.094	0.286	0.380	0.438			3.6	160	26
03/03/24 23:50	0.039	0.293	0.332				3.5	170	21
03/03/24 23:55	-0.095	0.314	0.220				4.1	179	15
04/03/24 00:00	-0.151	0.439	0.288	0.379			3.9	184	15

Station Pier Ambient Air Quality Monitoring
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04/03/24 00:05	-0.051	0.715	0.664	0.171			4.6	186	13
04/03/24 00:10	-0.010	0.719	0.710	0.257			4.5	186	14
04/03/24 00:15	-0.068	0.737	0.669	0.341			4.0	173	14
04/03/24 00:20	-0.001	0.698	0.697	0.286			3.8	175	19
04/03/24 00:25	-0.032	0.623	0.592	0.222			3.8	180	17
04/03/24 00:30	-0.181	0.620	0.439	0.269			2.8	167	24
04/03/24 00:35	-0.242	0.623	0.381	0.295			3.6	175	21
04/03/24 00:40	-0.138	0.511	0.373	0.395			3.7	160	23
04/03/24 00:45	-0.073	0.492	0.419	0.331			2.9	174	24
04/03/24 00:50	-0.137	0.511	0.374	0.339			3.3	167	27
04/03/24 00:55	-0.119	0.430	0.312	0.219			3.0	157	28
04/03/24 01:00	-0.100	0.351	0.251	0.138			4.1	180	17
04/03/24 01:05							3.2	168	22
04/03/24 01:10							3.8	174	19
04/03/24 01:15							4.3	162	23
04/03/24 01:20							3.7	174	19
04/03/24 01:25							3.5	177	23
04/03/24 01:30							3.7	158	21
04/03/24 01:35							4.1	177	17
04/03/24 01:40							4.7	189	11
04/03/24 01:45							4.5	185	13
04/03/24 01:50							3.3	158	24
04/03/24 01:55							3.8	151	21
04/03/24 02:00							3.2	175	23
04/03/24 02:05	-0.171	0.474	0.303	0.230			3.2	169	23
04/03/24 02:10	-0.112	0.547	0.435	0.162			2.9	166	27
04/03/24 02:15	-0.059	0.561	0.501	0.119			4.3	151	18
04/03/24 02:20	-0.127	0.595	0.468	0.073			3.6	173	21
04/03/24 02:25	-0.157	0.571	0.414	0.149			3.5	160	23
04/03/24 02:30	-0.215	0.563	0.348	0.327			4.2	149	17
04/03/24 02:35	-0.196	0.627	0.432	0.295			4.7	150	18
04/03/24 02:40	-0.121	0.678	0.556	0.220			3.1	171	27
04/03/24 02:45	-0.100	0.689	0.589	0.178			3.7	177	19
04/03/24 02:50	-0.099	0.726	0.627	0.128			3.2	175	22
04/03/24 02:55	-0.140	0.744	0.604	0.248			3.1	178	21
04/03/24 03:00	-0.197	0.814	0.617	0.241			3.8	154	26
04/03/24 03:05	-0.170	0.799	0.629	0.249			5.4	151	21
04/03/24 03:10	-0.046	0.721	0.675	0.309			3.9	151	21
04/03/24 03:15	0.034	0.715	0.750	0.277			4.0	151	26
04/03/24 03:20	-0.003	0.663	0.661	0.274			4.2	156	23
04/03/24 03:25	0.086	0.651	0.737	0.148			3.2	180	14
04/03/24 03:30	0.101	0.630	0.731	0.238			3.8	178	16
04/03/24 03:35	0.079	0.623	0.702	0.194			3.9	186	13
04/03/24 03:40	-0.004	0.692	0.688	0.169			4.6	149	21
04/03/24 03:45	-0.008	0.735	0.726	0.304			3.7	141	23
04/03/24 03:50	0.092	0.688	0.780	0.198			3.6	138	24
04/03/24 03:55	0.112	0.649	0.761	0.139			4.1	135	16
04/03/24 04:00	-0.007	0.574	0.567	0.113			4.0	129	15
04/03/24 04:05	0.049	0.527	0.576	0.309			3.6	124	18
04/03/24 04:10	0.153	0.524	0.677	0.391			3.5	126	17
04/03/24 04:15	0.265	0.563	0.828	0.412			4.5	114	08
04/03/24 04:20	0.377	0.603	0.979	0.291			3.3	117	16
04/03/24 04:25	0.263	0.690	0.953	0.294			3.3	117	17
04/03/24 04:30	0.171	0.753	0.924	0.257			4.2	116	11
04/03/24 04:35	0.123	0.798	0.921	0.236			3.9	112	08
04/03/24 04:40	0.151	0.937	1.088	0.051			4.0	114	09
04/03/24 04:45	0.105	1.007	1.112	0.134			3.7	114	10
04/03/24 04:50	0.104	1.227	1.331	0.107			3.4	113	12
04/03/24 04:55	-0.006	1.409	1.403	0.173			4.1	112	11
04/03/24 05:00	-0.022	1.605	1.583	0.124			3.8	116	10
04/03/24 05:05	-0.020	1.679	1.659	0.079			3.6	112	13
04/03/24 05:10	-0.012	1.886	1.874	0.156			3.4	111	10
04/03/24 05:15	-0.057	2.204	2.147	0.143			3.3	109	07
04/03/24 05:20	-0.007	2.605	2.598	0.062			3.4	110	09
04/03/24 05:25	0.063	2.981	3.044	0.020			3.6	109	10
04/03/24 05:30	0.133	3.187	3.320	0.016			2.9	117	13
04/03/24 05:35	0.087	3.369	3.456	0.103			3.1	119	13
04/03/24 05:40	0.021	3.431	3.453	0.290			2.8	118	15
04/03/24 05:45	0.068	3.302	3.370	0.295			3.2	117	14
04/03/24 05:50	0.077	3.120	3.196	0.295			2.6	123	18
04/03/24 05:55	0.070	3.151	3.221	0.323			2.8	116	14
04/03/24 06:00	0.038	3.371	3.409	0.464			3.3	115	12
04/03/24 06:05	0.012	3.811	3.824	0.467			3.7	113	11
04/03/24 06:10	0.047	4.555	4.602	0.494			2.9	115	10
04/03/24 06:15	0.041	5.128	5.169	0.497			2.9	118	14
04/03/24 06:20	0.048	5.151	5.199	0.512			3.5	117	12
04/03/24 06:25	0.073	5.185	5.258	0.348			3.7	113	09
04/03/24 06:30	0.051	5.294	5.345	0.324			3.7	104	10
04/03/24 06:35	0.439	6.569	7.008	0.293			3.9	101	08
04/03/24 06:40	0.836	8.209	9.046	0.355			3.6	107	09
04/03/24 06:45	1.172	9.266	10.438	0.349			3.1	106	11
04/03/24 06:50	1.580	10.683	12.263	0.225			3.6	108	09
04/03/24 06:55	1.708	10.294	12.002	0.168			3.9	111	07
04/03/24 07:00	1.694	9.598	11.292	0.181			4.1	104	07
04/03/24 07:05	1.947	9.801	11.747	0.256			3.0	100	08
04/03/24 07:10	2.428	10.373	12.801	0.330			2.9	97	09
04/03/24 07:15	2.596	10.364	12.960	0.310			3.4	105	09
04/03/24 07:20	2.578	9.852	12.430	0.408			3.8	109	08
04/03/24 07:25	2.429	9.286	11.715	0.479			2.7	114	14
04/03/24 07:30	2.289	8.712	11.001	0.428			3.9	109	07
04/03/24 07:35	2.371	7.900	10.271	0.391			3.2	111	10
04/03/24 07:40	2.414	7.297	9.711	0.249			2.8	114	13
04/03/24 07:45	2.205	6.595	8.800	0.253			4.0	111	08
04/03/24 07:50	1.924	5.631	7.556	0.324			4.1	109	10
04/03/24 07:55	1.766	4.977	6.743	0.373			3.0	113	17
04/03/24 08:00	1.770	4.442	6.213	0.401			3.7	107	12
04/03/24 08:05	1.941	4.365	6.306	0.378			3.3	107	17
04/03/24 08:10	1.972	4.028	6.000	0.166			3.2	114	10
04/03/24 08:15	2.009	3.775	5.784	0.217			4.0	111	07
04/03/24 08:20	1.920	3.451	5.371	0.234			4.2	113	08
04/03/24 08:25	1.918	3.356	5.274	0.301			2.9	116	14
04/03/24 08:30	2.036	3.554	5.591	0.182			3.5	112	08
04/03/24 08:35	2.092	3.644	5.737	0.165			3.4	114	09
04/03/24 08:40	2.342	3.782	6.124	0.161			2.8	119	14
04/03/24 08:45	2.406	3.721	6.127	0.308			2.4	128	21
04/03/24 08:50	2.454	3.675	6.128	0.372			3.7	134	15
04/03/24 08:55	2.112	3.265	5.377	0.469			2.5	124	20
04/03/24 09:00	1.931	3.192	5.122	0.374			2.7	125	19

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/03/24 09:05	1.738	3.067	4.805	0.283			2.7	141	20
04/03/24 09:10	1.568	2.884	4.452	0.192			2.5	124	19
04/03/24 09:15	1.421	2.738	4.159	0.199			2.9	137	21
04/03/24 09:20	1.335	2.677	4.012	0.271			2.7	149	23
04/03/24 09:25	1.221	2.630	3.851	0.326			2.4	171	25
04/03/24 09:30	1.211	2.552	3.763	0.333			2.0	166	26
04/03/24 09:35	1.317	2.582	3.900	0.240			2.0	161	24
04/03/24 09:40	1.272	2.495	3.768	0.285			2.4	171	21
04/03/24 09:45	1.356	2.458	3.814	0.322			2.4	166	21
04/03/24 09:50	1.213	2.297	3.510	0.360			2.6	180	20
04/03/24 09:55	1.018	2.149	3.166	0.341			2.6	180	17
04/03/24 10:00	1.035	2.168	3.203	0.330			2.8	176	17
04/03/24 10:05	1.037	2.200	3.237	0.271			2.4	168	23
04/03/24 10:10	0.914	2.144	3.058	0.248			2.9	185	16
04/03/24 10:15	0.821	2.105	2.926	0.253			3.2	185	12
04/03/24 10:20	0.678	1.979	2.658	0.181			3.6	189	12
04/03/24 10:25	0.593	1.809	2.402	0.239			3.3	187	12
04/03/24 10:30	0.558	1.614	2.172	0.292			3.3	185	13
04/03/24 10:35	0.620	1.431	2.051	0.281			3.7	186	13
04/03/24 10:40	0.517	1.319	1.836	0.240			4.3	194	12
04/03/24 10:45	0.483	1.189	1.672	0.271			4.2	190	10
04/03/24 10:50	0.405	1.042	1.447	0.255			3.5	188	13
04/03/24 10:55	0.368	0.948	1.317	0.252			2.9	181	14
04/03/24 11:00	0.380	1.054	1.434	0.217			3.9	190	11
04/03/24 11:05	0.365	1.045	1.410	0.254			4.3	188	11
04/03/24 11:10	0.255	1.044	1.298	0.205			3.5	178	17
04/03/24 11:15	0.070	0.995	1.065	0.197			3.8	181	15
04/03/24 11:20	-0.020	0.915	0.895	0.323			3.7	184	15
04/03/24 11:25	-0.089	0.920	0.831	0.243			3.4	191	13
04/03/24 11:30	0.046	0.954	0.999	0.235			4.8	195	10
04/03/24 11:35	0.109	0.972	1.081	0.296			4.7	194	08
04/03/24 11:40	0.195	0.879	1.074	0.283			3.8	192	11
04/03/24 11:45	0.240	0.813	1.053	0.223			4.7	196	11
04/03/24 11:50	0.164	0.805	0.969	0.304			5.3	199	07
04/03/24 11:55	0.081	0.787	0.869	0.363			4.1	193	10
04/03/24 12:00	-0.003	0.812	0.809	0.392			4.9	198	08
04/03/24 12:05	-0.062	0.798	0.736	0.383			5.4	198	06
04/03/24 12:10	0.034	0.761	0.796	0.331			5.2	198	07
04/03/24 12:15	0.110	0.708	0.818	0.265			3.9	195	12
04/03/24 12:20	0.156	0.686	0.842	0.163			3.9	192	13
04/03/24 12:25	0.258	0.763	1.021	0.187			3.8	189	13
04/03/24 12:30	0.229	0.776	1.006	0.201			3.7	191	11
04/03/24 12:35	0.148	0.741	0.889	0.304			5.2	199	08
04/03/24 12:40	0.105	0.741	0.846	0.345			4.8	198	09
04/03/24 12:45	0.173	0.766	0.939	0.307			4.7	198	10
04/03/24 12:50	0.190	0.784	0.973	0.307			5.1	198	06
04/03/24 12:55	0.192	0.802	0.994	0.380			5.1	196	08
04/03/24 13:00	0.143	0.775	0.918	0.415			6.1	200	06
04/03/24 13:05	0.017	0.816	0.833	0.316			5.5	200	08
04/03/24 13:10	0.000	0.785	0.785	0.304			6.7	199	06
04/03/24 13:15	0.107	0.796	0.903	0.291			4.9	196	10
04/03/24 13:20	0.158	0.840	0.998	0.310			5.8	200	07
04/03/24 13:25	0.243	0.798	1.041	0.266			6.4	201	05
04/03/24 13:30	0.338	0.803	1.140	0.251			6.1	199	06
04/03/24 13:35	0.335	0.742	1.077	0.292			6.6	202	05
04/03/24 13:40	0.287	0.639	0.926	0.280			6.4	198	06
04/03/24 13:45	0.165	0.635	0.800	0.239			6.8	206	06
04/03/24 13:50	0.086	0.646	0.732	0.191			6.9	200	05
04/03/24 13:55	0.126	0.767	0.893	0.214			6.6	205	05
04/03/24 14:00	0.350	1.046	1.396	0.170			6.9	203	04
04/03/24 14:05	0.690	1.334	2.025	0.164			6.9	204	04
04/03/24 14:10	0.559	0.909	1.468	0.164			6.1	200	05
04/03/24 14:15	0.418	0.814	1.231	0.174			6.5	203	04
04/03/24 14:20	0.320	0.727	1.047	0.186			6.7	203	05
04/03/24 14:25	0.301	0.710	1.011	0.379			6.3	201	06
04/03/24 14:30	0.361	0.695	1.056	0.365			6.7	203	05
04/03/24 14:35	0.328	0.738	1.066	0.350			7.0	203	04
04/03/24 14:40	0.410	0.756	1.167	0.178			6.8	204	06
04/03/24 14:45	0.329	0.729	1.058	0.199			7.0	205	04
04/03/24 14:50	0.290	0.772	1.062	0.118			7.3	204	05
04/03/24 14:55	0.278	0.806	1.084	0.192			7.4	204	05
04/03/24 15:00	0.323	0.818	1.142	0.223			7.6	212	04
04/03/24 15:05	0.281	0.868	1.150	0.245			7.4	212	05
04/03/24 15:10	0.169	0.858	1.027	0.233			7.3	208	06
04/03/24 15:15	0.206	0.800	1.006	0.226			7.6	207	04
04/03/24 15:20	0.338	0.805	1.143	0.239			7.6	212	04
04/03/24 15:25	0.335	0.822	1.157	0.241			7.6	207	05
04/03/24 15:30	0.242	0.808	1.050	0.229			7.8	211	04
04/03/24 15:35	0.120	0.839	0.959	0.341			8.0	212	04
04/03/24 15:40	0.095	0.861	0.957	0.277			7.9	212	03
04/03/24 15:45	0.384	1.318	1.702	0.284			7.3	210	04
04/03/24 15:50	1.894	3.080	4.974	0.392			7.3	204	06
04/03/24 15:55	0.931	0.900	1.831	0.487			7.5	209	04
04/03/24 16:00	0.647	1.336	1.983	0.493			7.2	209	06
04/03/24 16:05	0.467	1.386	1.853	0.520			7.4	211	05
04/03/24 16:10	0.603	1.320	1.923	0.465			7.7	213	05
04/03/24 16:15	0.579	1.278	1.857	0.483			7.7	211	04
04/03/24 16:20	0.646	1.410	2.056	0.551			7.7	210	04
04/03/24 16:25	0.731	1.670	2.400	0.530			7.5	210	05
04/03/24 16:30	0.818	1.901	2.719	0.414			7.9	208	06
04/03/24 16:35	0.792	2.057	2.849	0.227			7.7	212	04
04/03/24 16:40	0.667	1.972	2.639	0.212			7.6	212	04
04/03/24 16:45	0.934	2.189	3.123	0.152			7.4	211	04
04/03/24 16:50	1.046	2.087	3.133	0.086			7.3	207	04
04/03/24 16:55	0.990	2.068	3.058	0.176			7.3	209	05
04/03/24 17:00	0.828	1.963	2.791	0.268			7.0	209	05
04/03/24 17:05	0.686	1.843	2.529	0.403			5.5	198	07
04/03/24 17:10	0.640	1.472	2.112	0.474			6.4	201	05
04/03/24 17:15	0.615	1.453	2.067	0.439			6.2	202	04
04/03/24 17:20	0.513	1.497	2.010	0.427			5.9	201	06
04/03/24 17:25	0.466	1.355	1.821	0.400			5.4	199	07
04/03/24 17:30	0.388	1.211	1.599	0.420			5.4	198	09
04/03/24 17:35	0.200	1.121	1.322	0.394			4.7	195	10
04/03/24 17:40	0.134	1.055	1.189	0.377			4.7	194	09
04/03/24 17:45	0.147	0.980	1.127	0.384			4.2	195	10
04/03/24 17:50	0.246	0.914	1.160	0.329			4.3	195	10
04/03/24 17:55	0.780	3.599	4.379	0.306			5.1	197	08
04/03/24 18:00	0.833	2.859	3.691	0.331			4.2	191	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/03/24 18:05	0.818	3.357	4.175	0.321			4.7	195	10
04/03/24 18:10	0.794	1.931	2.725	0.392			4.7	186	12
04/03/24 18:15	0.637	1.073	1.710	0.401			4.4	190	10
04/03/24 18:20	0.513	1.408	1.921	0.458			4.7	188	12
04/03/24 18:25	0.382	1.118	1.500	0.458			5.0	189	11
04/03/24 18:30	0.429	1.009	1.438	0.392			4.6	185	11
04/03/24 18:35	0.342	0.773	1.115	0.310			4.1	184	14
04/03/24 18:40	0.183	0.802	0.985	0.280			4.5	187	12
04/03/24 18:45	0.179	0.725	0.904	0.350			5.0	189	10
04/03/24 18:50	0.176	0.766	0.941	0.373			4.8	186	12
04/03/24 18:55	0.165	0.751	0.916	0.357			4.6	186	11
04/03/24 19:00	0.126	0.756	0.882	0.362			4.6	185	11
04/03/24 19:05	0.027	0.701	0.727	0.258			5.1	188	12
04/03/24 19:10	-0.072	0.667	0.595	0.306			4.4	190	11
04/03/24 19:15	-0.105	0.726	0.621	0.268			4.3	188	10
04/03/24 19:20	-0.058	0.797	0.738	0.236			4.5	190	10
04/03/24 19:25	-0.042	0.796	0.755	0.183			4.1	190	11
04/03/24 19:30	-0.017	0.847	0.830	0.205			4.1	189	12
04/03/24 19:35	0.013	0.815	0.827	0.233			3.9	189	12
04/03/24 19:40	0.018	0.768	0.786	0.186			4.1	186	11
04/03/24 19:45	0.016	0.787	0.804	0.147			3.6	188	11
04/03/24 19:50	0.090	0.689	0.779	0.084			3.5	187	13
04/03/24 19:55	0.224	0.723	0.946	0.028			3.5	187	10
04/03/24 20:00	0.249	0.733	0.982	0.015			3.4	190	12
04/03/24 20:05	0.239	0.746	0.985	0.147			3.1	186	13
04/03/24 20:10	0.308	0.672	0.980	0.054			3.2	195	10
04/03/24 20:15	0.363	0.609	0.972	0.024			3.6	196	07
04/03/24 20:20	0.193	0.687	0.880	0.045			3.8	199	07
04/03/24 20:25	0.078	0.709	0.787	-0.006			3.4	191	08
04/03/24 20:30	0.025	0.737	0.762	-0.002			2.9	189	12
04/03/24 20:35	0.063	0.679	0.741	-0.032			3.2	194	11
04/03/24 20:40	0.136	0.638	0.774	0.003			2.5	196	13
04/03/24 20:45	0.136	0.617	0.753	-0.005			2.9	199	12
04/03/24 20:50	0.119	0.595	0.714	-0.087			2.7	196	10
04/03/24 20:55	0.152	0.629	0.782	-0.110			2.8	197	09
04/03/24 21:00	0.204	0.716	0.920	-0.082			2.9	199	11
04/03/24 21:05	0.143	0.860	1.002	-0.065			2.3	187	18
04/03/24 21:10	0.090	1.258	1.348	-0.079			2.3	145	21
04/03/24 21:15	0.012	1.822	1.834	-0.078			2.3	136	19
04/03/24 21:20	-0.046	2.372	2.326	-0.158			1.7	127	20
04/03/24 21:25	-0.040	2.908	2.868	-0.070			1.7	125	18
04/03/24 21:30	0.129	3.453	3.582	-0.077			2.2	129	19
04/03/24 21:35	0.198	4.150	4.348	-0.071			2.3	129	19
04/03/24 21:40	0.037	4.734	4.771	-0.107			2.3	129	19
04/03/24 21:45	0.012	5.077	5.089	-0.051			1.9	124	23
04/03/24 21:50	0.034	5.353	5.387	0.004			2.1	129	22
04/03/24 21:55	0.014	5.562	5.576	0.082			1.9	127	18
04/03/24 22:00	-0.028	5.848	5.821	0.064			1.7	121	26
04/03/24 22:05	-0.078	6.058	5.980	0.071			2.0	126	18
04/03/24 22:10	0.075	6.076	6.151	0.060			2.6	117	17
04/03/24 22:15	-0.028	6.101	6.073	-0.006			1.9	126	19
04/03/24 22:20	0.007	6.013	6.021	0.056			1.6	121	17
04/03/24 22:25	0.063	5.946	6.009	0.080			2.1	129	16
04/03/24 22:30	0.079	5.990	6.070	0.069			1.6	112	16
04/03/24 22:35	0.108	5.993	6.101	0.000			1.8	107	11
04/03/24 22:40	0.018	6.012	6.030	-0.040			1.3	107	15
04/03/24 22:45	-0.101	6.065	5.964	-0.032			2.2	112	06
04/03/24 22:50	-0.153	6.138	5.984	-0.009			1.1	117	20
04/03/24 22:55	0.001	6.097	6.098	-0.008			1.0	115	16
04/03/24 23:00	0.137	6.048	6.185	-0.009			0.8	124	23
04/03/24 23:05	0.239	6.061	6.300	0.028			0.7	101	26
04/03/24 23:10	0.200	6.085	6.285	-0.034			0.7	89	23
04/03/24 23:15	0.018	6.255	6.273	-0.009			0.7	67	18
04/03/24 23:20	0.051	6.488	6.539	0.031			0.5	40	34
04/03/24 23:25	0.180	6.834	7.014	0.028			0.7	352	15
04/03/24 23:30	0.288	7.334	7.622	-0.002			1.3	320	14
04/03/24 23:35	1.020	9.773	10.793	-0.029			1.6	315	06
04/03/24 23:40	3.218	23.438	26.656	-0.007			2.0	304	08
04/03/24 23:45	13.710	19.784	33.494	0.078			1.7	295	14
04/03/24 23:50	20.744	15.877	36.621				2.0	295	15
04/03/24 23:55	19.282	16.397	35.678				2.3	292	10
05/03/24 00:00	16.577	17.783	34.360	0.137			2.1	290	16
05/03/24 00:05	13.274	19.456	32.730	0.129			1.8	289	17
05/03/24 00:10	11.484	18.706	30.190	0.097			1.8	284	13
05/03/24 00:15	10.587	16.642	27.229	0.099			1.7	292	16
05/03/24 00:20	9.857	15.224	25.081	0.070			1.8	289	16
05/03/24 00:25	8.952	15.458	24.410	0.090			1.9	294	14
05/03/24 00:30	7.274	15.943	23.217	0.090			1.8	293	16
05/03/24 00:35	4.846	16.800	21.646	0.124			1.9	297	14
05/03/24 00:40	3.443	16.443	19.885	0.129			1.8	294	17
05/03/24 00:45	2.629	14.766	17.395	0.146			2.0	293	13
05/03/24 00:50	2.965	15.056	18.021	0.058			2.3	299	10
05/03/24 00:55	3.533	15.129	18.662	0.060			2.2	295	11
05/03/24 01:00	4.052	14.852	18.904	0.060			2.0	295	15
05/03/24 01:05							1.6	312	15
05/03/24 01:10							1.6	333	12
05/03/24 01:15							2.0	329	17
05/03/24 01:20							2.1	317	11
05/03/24 01:25							2.2	323	13
05/03/24 01:30							2.3	321	14
05/03/24 01:35							1.7	325	13
05/03/24 01:40							1.5	332	17
05/03/24 01:45							1.4	345	17
05/03/24 01:50							1.5	335	17
05/03/24 01:55							1.6	354	21
05/03/24 02:00							1.3	346	23
05/03/24 02:05							1.1	343	24
05/03/24 02:10							1.1	320	22
05/03/24 02:15							1.7	316	16
05/03/24 02:20							1.4	4	19
05/03/24 02:25							1.6	14	16
05/03/24 02:30							0.8	16	30
05/03/24 02:35							1.4	6	13
05/03/24 02:40							1.5	7	15
05/03/24 02:45							1.3	8	17
05/03/24 02:50							1.4	6	12
05/03/24 02:55							1.4	356	18
05/03/24 03:00							1.1	347	28

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/03/24 03:05							1.6	0	17
05/03/24 03:10							1.6	6	14
05/03/24 03:15							1.5	6	14
05/03/24 03:20							0.9	19	23
05/03/24 03:25							1.0	8	16
05/03/24 03:30							1.3	5	16
05/03/24 03:35							1.1	16	23
05/03/24 03:40							1.4	2	19
05/03/24 03:45							1.2	325	21
05/03/24 03:50							1.4	325	15
05/03/24 03:55							1.5	309	13
05/03/24 04:00							1.1	305	13
05/03/24 04:05							0.9	327	20
05/03/24 04:10							0.7	325	28
05/03/24 04:15							1.0	314	16
05/03/24 04:20							0.9	318	13
05/03/24 04:25							0.6	353	22
05/03/24 04:30							1.2	357	15
05/03/24 04:35							1.0	351	17
05/03/24 04:40							1.3	330	21
05/03/24 04:45							1.2	340	21
05/03/24 04:50							1.1	331	20
05/03/24 04:55							1.2	358	17
05/03/24 05:00							0.8	335	36
05/03/24 05:05							0.9	340	28
05/03/24 05:10							1.4	1	19
05/03/24 05:15							0.6	329	33
05/03/24 05:20							1.4	304	16
05/03/24 05:25							1.6	313	14
05/03/24 05:30							1.1	317	24
05/03/24 05:35							0.9	332	23
05/03/24 05:40							1.0	343	28
05/03/24 05:45							1.5	2	21
05/03/24 05:50							1.3	5	19
05/03/24 05:55							0.7	9	18
05/03/24 06:00							1.0	352	17
05/03/24 06:05							1.2	315	18
05/03/24 06:10							1.4	310	09
05/03/24 06:15							1.0	322	17
05/03/24 06:20							1.0	9	12
05/03/24 06:25							1.1	16	09
05/03/24 06:30							1.1	24	11
05/03/24 06:35							0.8	20	20
05/03/24 06:40							1.2	15	17
05/03/24 06:45							1.0	13	22
05/03/24 06:50							0.9	8	25
05/03/24 06:55							1.0	8	16
05/03/24 07:00							1.0	11	16
05/03/24 07:05							0.8	17	18
05/03/24 07:10							0.9	357	24
05/03/24 07:15							0.9	359	25
05/03/24 07:20							1.0	348	26
05/03/24 07:25							0.8	25	22
05/03/24 07:30							0.5	69	44
05/03/24 07:35							0.7	102	12
05/03/24 07:40							0.5	31	50
05/03/24 07:45							1.4	35	20
05/03/24 07:50							1.5	20	25
05/03/24 07:55							1.9	18	15
05/03/24 08:00							1.6	17	19
05/03/24 08:05							1.5	30	20
05/03/24 08:10							1.0	4	35
05/03/24 08:15							0.9	7	33
05/03/24 08:20							1.4	354	26
05/03/24 08:25							1.7	31	22
05/03/24 08:30							1.5	356	28
05/03/24 08:35							1.4	8	33
05/03/24 08:40							1.8	2	29
05/03/24 08:45							1.5	357	32
05/03/24 08:50							1.9	357	24
05/03/24 08:55							2.0	15	26
05/03/24 09:00							2.0	23	20
05/03/24 09:05							1.9	20	29
05/03/24 09:10							2.3	17	20
05/03/24 09:15							1.7	12	26
05/03/24 09:20							2.0	10	20
05/03/24 09:25							1.8	357	25
05/03/24 09:30							2.3	1	27
05/03/24 09:35							3.2	10	23
05/03/24 09:40							2.8	335	35
05/03/24 09:45							3.3	341	31
05/03/24 09:50							2.7	337	37
05/03/24 09:55							3.1	313	21
05/03/24 10:00							2.7	329	29
05/03/24 10:05							3.3	310	22
05/03/24 10:10							2.8	328	25
05/03/24 10:15							2.6	327	28
05/03/24 10:20							2.1	333	35
05/03/24 10:25							2.2	7	36
05/03/24 10:30							1.9	353	33
05/03/24 10:35							2.5	343	33
05/03/24 10:40							2.7	350	33
05/03/24 10:45							2.6	2	27
05/03/24 10:50							2.2	1	27
05/03/24 10:55							1.8	11	38
05/03/24 11:00							2.0	323	31
05/03/24 11:05							2.2	307	20
05/03/24 11:10							3.0	319	24
05/03/24 11:15							2.8	314	33
05/03/24 11:20							1.8	328	41
05/03/24 11:25							1.8	7	37
05/03/24 11:30							2.7	6	22
05/03/24 11:35							2.5	2	21
05/03/24 11:40							1.3	335	38
05/03/24 11:45							2.3	345	34
05/03/24 11:50							2.1	15	36
05/03/24 11:55							2.9	352	31
05/03/24 12:00							1.6	351	40

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/03/24 12:05	4.583	13.686	18.269	0.682			2.7	28	27
05/03/24 12:10	4.793	7.111	11.904	0.821			1.6	359	44
05/03/24 12:15	6.620	16.572	23.192	0.932			2.4	10	28
05/03/24 12:20	2.459	7.136	9.595	0.914			1.4	17	53
05/03/24 12:25	3.084	7.234	10.318	0.783			2.5	319	39
05/03/24 12:30	1.526	4.127	5.653	0.731			1.8	357	32
05/03/24 12:35	1.185	3.744	4.928	0.626			1.7	351	44
05/03/24 12:40	1.761	7.314	9.075	0.572			1.9	35	26
05/03/24 12:45	3.659	13.531	17.190	0.541			2.1	48	25
05/03/24 12:50	5.278	12.329	17.607	0.576			3.9	33	15
05/03/24 12:55	4.570	8.322	12.892	0.542			3.3	13	17
05/03/24 13:00	1.475	4.084	5.559	0.475			2.4	332	30
05/03/24 13:05	1.709	5.929	7.638	0.440			1.3	338	47
05/03/24 13:10	2.518	6.069	8.587	0.462			1.8	1	31
05/03/24 13:15	2.328	6.437	8.765	0.455			2.3	28	27
05/03/24 13:20	2.708	6.610	9.318	0.444			2.8	46	18
05/03/24 13:25	2.221	5.086	7.306	0.369			2.3	50	28
05/03/24 13:30	2.055	4.710	6.765	0.330			2.7	48	29
05/03/24 13:35	1.932	5.631	7.563	0.364			2.8	36	25
05/03/24 13:40	2.114	8.151	10.265	0.182			2.8	49	20
05/03/24 13:45	2.136	5.617	7.754	0.193			1.8	347	35
05/03/24 13:50	1.983	5.965	7.948	0.184			1.8	14	31
05/03/24 13:55	2.393	9.333	11.727	0.183			1.8	300	27
05/03/24 14:00	1.117	4.480	5.597	0.259			1.0	17	67
05/03/24 14:05	1.401	6.787	8.188	0.293			2.7	37	20
05/03/24 14:10	2.362	10.201	12.563	0.301			3.0	34	19
05/03/24 14:15	2.276	7.441	9.717	0.416			2.4	47	18
05/03/24 14:20	2.210	6.210	8.421	0.392			2.9	46	23
05/03/24 14:25	2.246	7.920	10.166	0.317			2.8	47	17
05/03/24 14:30	1.985	5.397	7.382	0.343			1.3	85	35
05/03/24 14:35	1.666	5.309	6.975	0.317			1.3	162	36
05/03/24 14:40	27.781	30.352	58.133	0.538			3.8	186	10
05/03/24 14:45	23.549	26.736	50.285	1.660			3.4	187	12
05/03/24 14:50	28.104	27.316	55.420	3.415			4.0	196	08
05/03/24 14:55	22.561	25.731	48.292	4.424			3.4	189	17
05/03/24 15:00	5.464	13.134	18.598	3.312			2.9	175	19
05/03/24 15:05	4.066	8.139	12.205	2.213			2.8	180	21
05/03/24 15:10	9.614	21.815	31.429	2.182			2.7	185	14
05/03/24 15:15	10.064	18.588	28.652	3.206			3.0	185	16
05/03/24 15:20	8.201	13.512	21.712	2.896			3.3	179	14
05/03/24 15:25	15.771	22.589	38.360	3.197			3.3	179	14
05/03/24 15:30	20.843	20.536	41.379	3.533			3.0	183	13
05/03/24 15:35	30.556	14.403	44.959	3.539			3.0	182	15
05/03/24 15:40	46.738	35.568	82.307	4.725			3.0	187	13
05/03/24 15:45	119.586	40.611	160.198	6.430			2.9	184	16
05/03/24 15:50	29.394	26.991	56.386	5.392			3.2	177	13
05/03/24 15:55	33.999	24.109	58.108	4.121			3.2	180	12
05/03/24 16:00	6.554	10.422	16.975	2.795			3.0	173	17
05/03/24 16:05	2.570	7.987	10.558	1.919			3.3	174	13
05/03/24 16:10	3.803	12.147	15.950	2.356			3.1	175	12
05/03/24 16:15	2.483	2.220	4.703	1.904			2.9	171	13
05/03/24 16:20	1.983	5.976	7.959	1.712			3.1	173	14
05/03/24 16:25	6.345	24.579	30.923	2.340			3.4	178	10
05/03/24 16:30	9.916	14.014	23.930	3.065			2.3	174	21
05/03/24 16:35	1.158	2.992	4.150	2.320			2.4	173	19
05/03/24 16:40	0.919	3.289	4.208	1.345			1.7	177	21
05/03/24 16:45	0.368	2.994	3.362	1.287			2.1	173	22
05/03/24 16:50	0.297	2.804	3.101	0.930			1.8	177	20
05/03/24 16:55	0.361	2.810	3.172	0.774			2.4	189	16
05/03/24 17:00	0.337	2.810	3.146	0.655			2.9	190	11
05/03/24 17:05	0.343	3.019	3.362	0.710			2.4	189	16
05/03/24 17:10	0.379	3.389	3.767	0.583			2.1	186	17
05/03/24 17:15	0.498	3.592	4.090	0.577			1.9	183	13
05/03/24 17:20	0.621	3.673	4.294	0.530			1.5	175	20
05/03/24 17:25	0.580	3.896	4.476	0.466			0.3	158	86
05/03/24 17:30	0.648	4.664	5.312	0.450			1.0	97	25
05/03/24 17:35	0.641	5.091	5.731	0.469			1.1	99	17
05/03/24 17:40	0.620	4.805	5.425	0.552			1.2	124	21
05/03/24 17:45	0.570	4.701	5.270	0.578			1.3	148	35
05/03/24 17:50	0.517	4.856	5.372	0.602			0.7	135	47
05/03/24 17:55	0.638	6.373	7.011	0.622			1.4	134	27
05/03/24 18:00	0.625	8.155	8.780	0.592			1.3	125	17
05/03/24 18:05	0.594	10.650	11.244	0.608			1.2	136	10
05/03/24 18:10	1.105	26.769	27.874	0.690			0.6	124	40
05/03/24 18:15	1.465	26.406	27.871	0.748			0.8	153	47
05/03/24 18:20	1.270	15.230	16.500	0.696			1.4	115	15
05/03/24 18:25	1.002	10.161	11.163	0.718			1.3	117	13
05/03/24 18:30	0.701	8.581	9.283	0.521			1.4	116	11
05/03/24 18:35	0.525	4.096	4.621	0.658			1.1	94	26
05/03/24 18:40	0.411	4.429	4.840	0.816			1.5	103	14
05/03/24 18:45	0.279	5.024	5.303	0.912			0.4	220	72
05/03/24 18:50	0.264	5.516	5.780	0.881			0.8	102	28
05/03/24 18:55	0.180	6.350	6.530	0.856			0.1	192	98
05/03/24 19:00	0.147	6.406	6.554	0.782			0.6	220	17
05/03/24 19:05	0.046	6.443	6.488	0.718			0.6	224	11
05/03/24 19:10	-0.075	6.359	6.284	0.590			0.6	234	22
05/03/24 19:15	-0.116	6.194	6.079	0.531			1.5	231	05
05/03/24 19:20	-0.122	6.128	6.006	0.575			2.1	243	22
05/03/24 19:25	-0.001	6.388	6.387	0.655			1.0	298	42
05/03/24 19:30	0.002	7.586	7.587	0.733			1.7	224	19
05/03/24 19:35	0.048	8.957	9.005	0.673			1.7	199	28
05/03/24 19:40	0.149	8.633	8.782	0.666			1.6	169	30
05/03/24 19:45	0.214	7.863	8.077	0.653			2.2	178	23
05/03/24 19:50	0.257	7.138	7.395	0.702			2.2	178	23
05/03/24 19:55	0.267	6.272	6.539	0.694			3.0	176	17
05/03/24 20:00	0.199	5.804	6.003	0.789			2.5	160	26
05/03/24 20:05	0.206	5.408	5.614	0.721			3.2	144	24
05/03/24 20:10	0.237	5.114	5.350	0.708			3.7	148	16
05/03/24 20:15	0.112	5.093	5.205	0.768			2.3	131	21
05/03/24 20:20	0.037	5.376	5.413	0.853			3.0	121	15
05/03/24 20:25	0.107	5.726	5.833	0.870			2.3	117	16
05/03/24 20:30	0.128	6.420	6.548	0.859			2.4	107	10
05/03/24 20:35	0.286	7.500	7.786	0.769			2.4	90	19
05/03/24 20:40	0.376	8.209	8.586	0.716			3.6	97	11
05/03/24 20:45	0.313	8.680	8.993	0.681			3.3	103	10
05/03/24 20:50	0.272	9.054	9.326	0.695			2.3	117	13
05/03/24 20:55	0.172	9.430	9.601	0.687			1.4	160	31
05/03/24 21:00	0.142	9.620	9.762	0.704			2.6	191	08

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/03/24 21:05	0.228	8.808	9.037	0.670			2.0	187	15
05/03/24 21:10	0.338	7.511	7.849	0.556			2.8	194	11
05/03/24 21:15	0.410	6.186	6.597	0.602			1.8	180	18
05/03/24 21:20	0.332	5.183	5.515	0.599			2.1	186	14
05/03/24 21:25	0.300	4.778	5.078	0.563			1.7	171	29
05/03/24 21:30	0.319	4.383	4.702	0.626			1.8	160	30
05/03/24 21:35	0.317	4.180	4.497	0.715			1.7	156	29
05/03/24 21:40	0.155	4.090	4.245	0.675			1.7	161	33
05/03/24 21:45	0.091	3.985	4.076	0.555			1.6	167	29
05/03/24 21:50	0.123	3.803	3.926	0.630			1.5	171	30
05/03/24 21:55	0.039	3.738	3.776	0.670			1.2	178	36
05/03/24 22:00	-0.050	3.679	3.629	0.666			1.4	178	27
05/03/24 22:05	-0.093	3.698	3.605	0.669			2.4	196	08
05/03/24 22:10	-0.073	3.760	3.686	0.616			2.7	204	05
05/03/24 22:15	-0.030	3.709	3.680	0.586			2.1	195	10
05/03/24 22:20	-0.034	3.606	3.572	0.608			2.4	193	08
05/03/24 22:25	0.005	3.641	3.646	0.563			2.0	188	11
05/03/24 22:30	-0.051	3.685	3.633	0.654			1.2	181	16
05/03/24 22:35	-0.057	3.564	3.507	0.540			1.1	181	15
05/03/24 22:40	0.005	3.423	3.428	0.521			1.6	191	12
05/03/24 22:45	0.037	3.300	3.337	0.502			3.5	208	07
05/03/24 22:50	0.053	3.595	3.648	0.577			4.7	217	02
05/03/24 22:55	0.082	2.947	3.029	0.572			3.9	213	03
05/03/24 23:00	0.243	2.782	3.025	0.527			3.6	204	03
05/03/24 23:05	0.461	14.472	14.933	0.607			2.8	202	07
05/03/24 23:10	0.776	22.578	23.355	0.575			2.6	203	05
05/03/24 23:15	0.725	7.274	7.999	0.525			2.3	210	08
05/03/24 23:20	0.520	5.645	6.166	0.517			2.4	231	14
05/03/24 23:25	0.562	6.220	6.781	0.477			2.8	236	04
05/03/24 23:30	0.743	11.351	12.095	0.443			2.3	238	08
05/03/24 23:35	1.227	28.756	29.983	0.454			2.2	251	07
05/03/24 23:40	1.372	22.479	23.851	0.398			1.9	250	08
05/03/24 23:45	1.423	21.491	22.914	0.360			2.0	243	06
05/03/24 23:50	6.261	41.346	47.607				2.5	248	07
05/03/24 23:55	11.728	34.626	46.354				2.6	260	16
06/03/24 00:00	1.145	17.346	18.491	0.372			2.3	278	11
06/03/24 00:05	0.583	17.644	18.227	0.331			1.5	289	15
06/03/24 00:10	0.596	17.723	18.319	0.354			1.6	284	12
06/03/24 00:15	0.550	18.570	19.120	0.311			1.5	298	12
06/03/24 00:20	0.749	20.544	21.293	0.327			1.6	315	11
06/03/24 00:25	1.544	26.589	28.133	0.281			1.3	324	20
06/03/24 00:30	3.671	33.068	36.738	0.409			1.5	321	22
06/03/24 00:35	5.392	32.299	37.692	0.540			1.4	349	21
06/03/24 00:40	4.598	30.415	35.013	0.527			1.2	329	19
06/03/24 00:45	3.223	24.555	27.777	0.618			2.2	306	09
06/03/24 00:50	1.895	24.144	26.039	0.646			1.8	315	11
06/03/24 00:55	1.531	26.373	27.905	0.658			2.0	310	12
06/03/24 01:00	1.439	27.834	29.273	0.727			2.0	306	09
06/03/24 01:05							2.1	312	10
06/03/24 01:10							1.8	315	12
06/03/24 01:15							1.8	312	11
06/03/24 01:20							1.9	310	09
06/03/24 01:25							2.0	318	13
06/03/24 01:30							1.3	339	21
06/03/24 01:35							1.5	342	17
06/03/24 01:40							1.5	338	16
06/03/24 01:45							1.8	345	16
06/03/24 01:50							1.2	352	21
06/03/24 01:55							1.2	356	17
06/03/24 02:00							1.2	355	20
06/03/24 02:05	12.612	31.007	43.619	0.789			1.6	1	12
06/03/24 02:10	10.978	31.612	42.590	0.720			1.4	1	11
06/03/24 02:15	9.489	31.823	41.312	0.713			1.2	357	13
06/03/24 02:20	7.758	29.011	36.769	0.734			1.3	355	15
06/03/24 02:25	5.022	26.657	31.679	0.736			1.2	349	13
06/03/24 02:30	2.746	24.676	27.422	0.677			1.7	356	10
06/03/24 02:35	2.533	24.884	27.416	0.665			1.2	359	12
06/03/24 02:40	2.785	25.839	28.624	0.620			1.1	359	11
06/03/24 02:45	2.654	26.183	28.837	0.600			1.0	9	06
06/03/24 02:50	2.468	26.059	28.526	0.542			1.3	2	10
06/03/24 02:55	2.212	25.544	27.756	0.497			1.3	8	04
06/03/24 03:00	1.883	24.942	26.826	0.492			1.5	14	04
06/03/24 03:05	1.662	24.462	26.124	0.487			1.5	6	06
06/03/24 03:10	1.313	24.182	25.496	0.404			1.6	5	04
06/03/24 03:15	1.133	24.340	25.473	0.417			1.4	358	09
06/03/24 03:20	1.187	24.297	25.484	0.387			1.3	353	11
06/03/24 03:25	1.392	24.815	26.208	0.481			1.2	351	12
06/03/24 03:30	2.278	25.692	27.970	0.510			1.0	347	10
06/03/24 03:35	4.874	34.050	38.924	0.521			1.0	359	12
06/03/24 03:40	9.251	31.191	40.441	0.441			1.1	9	07
06/03/24 03:45	14.765	27.832	42.597	0.451			0.6	9	11
06/03/24 03:50	18.743	30.215	48.958	0.572			0.4	37	21
06/03/24 03:55	38.142	35.169	73.311	0.673			0.2	31	23
06/03/24 04:00	33.344	32.514	65.858	0.589			0.4	346	14
06/03/24 04:05	35.486	33.580	69.066	0.605			0.3	295	21
06/03/24 04:10	37.171	33.119	70.291	0.744			0.5	267	10
06/03/24 04:15	37.077	31.815	68.892	0.844			0.5	303	27
06/03/24 04:20	37.673	31.507	69.180	0.832			0.3	307	56
06/03/24 04:25	38.000	31.044	69.044	0.823			0.7	233	24
06/03/24 04:30	38.387	31.035	69.422	0.764			0.6	347	09
06/03/24 04:35	37.900	30.753	68.653	0.797			0.2	340	12
06/03/24 04:40	37.308	30.261	67.569	0.813			0.6	357	20
06/03/24 04:45	36.938	29.693	66.631	0.856			0.8	33	07
06/03/24 04:50	36.004	29.624	65.628	0.890			1.1	28	04
06/03/24 04:55	25.466	30.492	55.959	0.912			1.3	29	05
06/03/24 05:00	14.674	26.962	41.636	0.795			0.9	28	09
06/03/24 05:05	14.274	26.643	40.917	0.819			1.4	25	06
06/03/24 05:10	15.614	25.019	40.633	0.753			1.2	4	14
06/03/24 05:15	34.938	21.733	56.671	0.732			0.6	329	30
06/03/24 05:20	49.510	29.589	79.099	0.831			0.3	312	20
06/03/24 05:25	80.754	35.294	116.048	0.993			0.8	296	13
06/03/24 05:30	99.570	34.576	134.146	1.102			0.6	279	20
06/03/24 05:35	106.091	32.272	138.364	1.155			0.9	338	15
06/03/24 05:40	106.111	35.357	141.469	1.266			1.2	329	19
06/03/24 05:45	96.721	35.929	132.650	1.306			1.1	345	27
06/03/24 05:50	94.690	34.056	128.746	1.358			1.1	3	17
06/03/24 05:55	97.327	36.094	133.422	1.462			1.3	355	14
06/03/24 06:00	95.739	31.866	127.605	1.510			1.3	355	15

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/03/24 06:05	83.892	33.927	117.819	1.406			1.1	309	31
06/03/24 06:10	80.754	33.293	114.046	1.337			1.2	316	15
06/03/24 06:15	81.540	32.617	114.157	1.491			1.2	315	21
06/03/24 06:20	69.919	30.725	100.644	1.603			1.5	333	25
06/03/24 06:25	54.365	30.088	84.452	1.580			1.2	308	20
06/03/24 06:30	55.491	30.020	85.511	1.469			0.8	311	30
06/03/24 06:35	57.305	29.436	86.741	1.412			0.9	319	24
06/03/24 06:40	61.121	28.062	89.182	1.405			0.7	311	29
06/03/24 06:45	62.963	28.981	91.944	1.387			0.5	303	46
06/03/24 06:50	63.299	30.455	93.753	1.348			0.9	254	15
06/03/24 06:55	64.425	30.679	95.105	1.327			1.2	257	12
06/03/24 07:00	78.803	30.013	108.815	1.359			0.9	257	18
06/03/24 07:05	104.247	32.178	136.425	1.496			1.2	254	06
06/03/24 07:10	106.010	33.958	139.967	1.775			0.9	242	12
06/03/24 07:15	106.163	33.663	139.827	2.002			1.3	239	05
06/03/24 07:20	95.306	38.764	134.070	2.209			1.8	231	08
06/03/24 07:25	68.312	28.677	96.989	2.255			2.1	224	07
06/03/24 07:30	67.010	29.532	96.542	2.265			2.0	228	04
06/03/24 07:35	68.118	31.042	99.160	2.153			1.3	233	06
06/03/24 07:40	78.664	31.315	109.979	2.295			0.8	237	10
06/03/24 07:45	85.167	31.512	116.680	2.558			0.7	237	12
06/03/24 07:50	87.946	33.872	121.817	2.834			0.4	253	13
06/03/24 07:55	99.613	35.785	135.398	3.093			0.6	238	11
06/03/24 08:00	133.428	38.222	171.650	3.595			0.2	12	51
06/03/24 08:05	213.118	44.544	257.661	4.340			0.4	39	33
06/03/24 08:10	140.897	34.317	175.214	4.610			0.3	77	25
06/03/24 08:15	150.136	39.909	190.045	4.708			0.1	29	73
06/03/24 08:20	135.130	42.904	178.034	4.602			0.8	240	08
06/03/24 08:25	251.985	46.371	298.356	4.982			0.9	243	07
06/03/24 08:30	92.383	32.080	124.463	5.583			0.7	241	08
06/03/24 08:35	83.456	32.862	116.318	5.655			0.9	235	07
06/03/24 08:40	52.996	30.956	83.952	4.965			1.0	243	12
06/03/24 08:45	57.901	30.043	87.944	4.200			0.7	241	17
06/03/24 08:50	66.175	30.949	97.123	4.518			0.9	240	10
06/03/24 08:55	68.862	32.362	101.224	4.840			0.9	235	07
06/03/24 09:00	70.168	32.907	103.076	4.864			1.1	228	05
06/03/24 09:05	71.877	32.786	104.663	5.008			0.9	227	07
06/03/24 09:10	73.550	33.468	107.018	5.189			0.8	217	09
06/03/24 09:15	76.231	34.993	111.224	5.393			0.5	212	13
06/03/24 09:20	79.718	36.594	116.311	5.300			0.7	200	16
06/03/24 09:25	80.644	37.640	118.284	4.896			0.7	196	19
06/03/24 09:30	80.216	37.610	117.826	4.619			1.4	209	06
06/03/24 09:35	77.701	38.812	116.513	4.378			1.7	209	03
06/03/24 09:40	133.475	36.840	170.315	4.093			2.0	210	02
06/03/24 09:45	59.996	31.844	91.840	4.036			1.3	192	17
06/03/24 09:50	44.542	32.728	77.270	3.887			0.7	157	32
06/03/24 09:55	30.492	28.958	59.450	3.517			1.2	198	17
06/03/24 10:00	56.457	31.811	88.268	3.350			1.3	196	15
06/03/24 10:05	80.704	39.446	120.150	3.420			1.4	179	22
06/03/24 10:10	57.982	33.634	91.616	3.510			2.1	193	14
06/03/24 10:15	22.006	21.544	43.549	2.920			2.3	199	08
06/03/24 10:20	12.324	17.210	29.534	2.433			2.0	192	13
06/03/24 10:25	10.297	15.582	25.879	2.098			2.9	205	08
06/03/24 10:30	16.987	18.357	35.344	2.043			2.2	198	17
06/03/24 10:35	8.563	14.782	23.344	2.175			2.1	200	11
06/03/24 10:40	8.723	14.275	22.998	2.054			1.7	183	17
06/03/24 10:45	7.315	11.028	18.342	2.146			2.1	193	13
06/03/24 10:50	7.254	11.907	19.161	2.248			1.9	184	18
06/03/24 10:55	6.903	10.985	17.887	2.148			1.6	160	23
06/03/24 11:00	4.932	9.001	13.933	1.952			1.4	161	21
06/03/24 11:05	5.352	11.265	16.616	1.993			1.5	168	23
06/03/24 11:10	5.584	11.897	17.482	2.172			2.0	191	13
06/03/24 11:15	5.854	12.008	17.862	2.336			2.0	188	15
06/03/24 11:20	6.106	12.879	18.986	2.229			2.0	189	13
06/03/24 11:25	6.235	12.448	18.684	2.033			2.0	186	16
06/03/24 11:30	5.539	9.507	15.047	1.792			1.9	177	17
06/03/24 11:35	5.026	9.738	14.764	1.711			1.4	172	22
06/03/24 11:40	5.172	13.081	18.253	1.690			1.2	163	33
06/03/24 11:45	4.982	11.213	16.195	1.817			1.6	164	25
06/03/24 11:50	3.708	8.196	11.903	1.745			1.7	166	18
06/03/24 11:55	3.473	7.933	11.406	1.739			2.3	189	14
06/03/24 12:00	5.915	22.077	27.992	1.724			2.8	193	11
06/03/24 12:05	40.270	28.823	69.093	1.865			3.8	198	09
06/03/24 12:10	25.523	18.851	44.374	1.842			3.4	197	11
06/03/24 12:15	13.749	16.771	30.520	1.688			3.3	194	12
06/03/24 12:20	21.395	20.906	42.301	1.590			3.6	198	11
06/03/24 12:25	17.203	18.113	35.317	1.455			3.1	191	13
06/03/24 12:30	10.390	12.409	22.799	1.367			3.2	193	11
06/03/24 12:35	9.471	13.781	23.252	1.246			3.5	194	11
06/03/24 12:40	5.695	7.898	13.593	1.212			3.7	194	11
06/03/24 12:45	6.809	11.149	17.958	1.174			3.6	192	10
06/03/24 12:50	6.222	11.558	17.780	1.229			3.7	193	11
06/03/24 12:55	5.627	7.709	13.336	1.032			3.5	192	11
06/03/24 13:00	6.006	12.478	18.484	0.811			3.4	192	12
06/03/24 13:05	6.426	11.427	17.853	0.734			3.5	190	11
06/03/24 13:10	6.406	10.917	17.323	0.595			3.6	190	14
06/03/24 13:15	4.871	7.650	12.521	0.652			3.7	193	11
06/03/24 13:20	8.218	10.253	18.471	0.693			3.5	192	12
06/03/24 13:25	3.716	5.204	8.920	0.659			3.8	194	11
06/03/24 13:30	6.092	9.526	15.618	0.611			3.9	195	10
06/03/24 13:35	6.474	9.678	16.152	0.567			3.6	191	14
06/03/24 13:40	13.056	14.573	27.628	0.789			4.8	196	10
06/03/24 13:45	20.460	18.929	39.389	0.846			4.6	192	11
06/03/24 13:50	22.296	16.924	39.220	0.888			4.6	191	11
06/03/24 13:55	25.192	16.323	41.515	0.943			4.6	194	10
06/03/24 14:00	9.995	7.321	17.315	0.830			4.9	192	10
06/03/24 14:05	9.147	12.291	21.438	0.810			4.4	193	11
06/03/24 14:10	31.263	19.908	51.171	0.961			4.0	192	11
06/03/24 14:15	27.252	20.596	47.847	0.749			4.1	194	12
06/03/24 14:20	17.612	16.972	34.584	0.800			4.1	192	12
06/03/24 14:25	10.507	11.518	22.025	0.753			3.9	195	10
06/03/24 14:30	26.038	9.674	35.712	0.668			4.7	196	08
06/03/24 14:35	25.529	17.885	43.413	0.710			4.9	194	10
06/03/24 14:40	18.475	12.699	31.174	0.782			4.6	192	09
06/03/24 14:45	11.635	13.022	24.656	0.821			4.5	194	09
06/03/24 14:50	22.739	10.127	32.866	0.861			4.6	193	10
06/03/24 14:55	36.884	20.567	57.451	1.063			4.2	194	10
06/03/24 15:00	117.907	48.842	166.749	1.597			4.3	195	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/03/24 15:05	131.436	27.066	158.501	2.256			4.7	195	09
06/03/24 15:10	200.671	45.265	245.935	3.326			4.7	196	09
06/03/24 15:15	249.071	39.019	288.090	5.197			4.9	195	09
06/03/24 15:20	245.670	43.832	289.501	7.126			5.1	198	12
06/03/24 15:25	208.599	48.491	257.090	7.548			5.0	193	10
06/03/24 15:30	231.818	36.621	268.439	7.819			4.5	198	11
06/03/24 15:35	268.693	31.217	299.910	7.217			3.9	198	11
06/03/24 15:40	268.878	30.676	299.554	7.383			4.3	200	10
06/03/24 15:45	230.997	44.032	275.029	7.462			4.1	198	13
06/03/24 15:50	258.456	20.693	279.148	8.025			4.3	199	13
06/03/24 15:55	317.476	45.548	363.024	8.469			4.6	196	10
06/03/24 16:00	196.343	17.857	214.200	8.458			4.4	197	11
06/03/24 16:05	209.961	17.315	227.276	7.356			4.6	198	10
06/03/24 16:10	407.203	17.821	425.024	7.467			4.6	197	11
06/03/24 16:15	237.639	52.549	290.188	8.212			4.3	196	11
06/03/24 16:20	246.126	39.447	285.574	7.996			4.1	197	13
06/03/24 16:25	175.389	39.972	215.361	7.453			4.5	201	12
06/03/24 16:30	316.795	45.940	362.735	7.520			4.7	194	10
06/03/24 16:35	243.748	38.453	282.201	7.864			4.8	197	10
06/03/24 16:40	136.649	22.069	158.717	7.771			4.6	191	11
06/03/24 16:45	184.427	28.838	213.265	6.605			3.7	199	11
06/03/24 16:50	220.717	33.642	254.358	5.897			3.9	197	12
06/03/24 16:55	203.628	35.180	238.808	5.716			4.3	202	13
06/03/24 17:00	259.063	22.860	281.923	5.781			3.9	202	14
06/03/24 17:05	165.904	31.147	197.050	5.384			3.8	205	11
06/03/24 17:10	79.338	24.598	103.936	4.615			5.1	209	09
06/03/24 17:15	107.436	24.720	132.155	3.858			5.0	209	10
06/03/24 17:20	86.713	38.983	125.696	3.675			4.9	208	12
06/03/24 17:25	320.274	16.420	336.693	4.145			6.1	196	07
06/03/24 17:30	193.974	13.682	207.656	4.957			7.3	198	09
06/03/24 17:35	11.556	8.245	19.801	4.733			7.8	206	05
06/03/24 17:40	0.302	0.753	1.055	3.604			8.2	207	04
06/03/24 17:45	0.341	0.667	1.008	2.782			8.4	203	04
06/03/24 17:50	0.202	0.691	0.892	2.335			8.2	203	04
06/03/24 17:55	0.119	0.682	0.801	2.065			8.3	203	04
06/03/24 18:00	0.097	0.684	0.780	1.938			8.6	207	04
06/03/24 18:05	0.019	0.677	0.696	1.849			8.5	205	04
06/03/24 18:10	0.113	0.700	0.813	1.655			7.4	201	04
06/03/24 18:15	0.061	0.838	0.900	1.468			7.9	201	04
06/03/24 18:20	0.041	0.864	0.906	1.403			7.8	205	05
06/03/24 18:25	0.109	0.810	0.919	1.296			7.5	203	05
06/03/24 18:30	0.209	0.813	1.022	1.191			7.7	202	05
06/03/24 18:35	4.982	3.827	8.809	1.020			7.6	201	04
06/03/24 18:40	6.493	7.844	14.338	0.951			7.1	206	04
06/03/24 18:45	0.626	2.043	2.669	0.963			7.1	210	05
06/03/24 18:50	0.409	0.936	1.345	0.974			7.4	214	04
06/03/24 18:55	0.411	0.836	1.247	0.834			7.4	216	04
06/03/24 19:00	0.559	1.578	2.137	0.903			7.2	217	05
06/03/24 19:05	0.450	0.707	1.157	0.966			7.0	213	04
06/03/24 19:10	0.303	0.577	0.880	0.908			8.1	213	04
06/03/24 19:15	0.215	0.702	0.917	0.819			7.8	214	04
06/03/24 19:20	0.246	0.609	0.855	0.762			7.6	208	03
06/03/24 19:25	0.299	0.631	0.930	0.702			7.5	208	05
06/03/24 19:30	0.343	0.865	1.207	0.683			7.4	204	04
06/03/24 19:35	0.340	0.744	1.084	0.671			7.3	201	05
06/03/24 19:40	0.417	0.841	1.258	0.628			7.0	201	05
06/03/24 19:45	0.354	0.793	1.147	0.562			6.5	200	05
06/03/24 19:50	0.350	0.971	1.321	0.562			6.5	198	07
06/03/24 19:55	0.350	1.316	1.665	0.497			6.6	199	06
06/03/24 20:00	0.246	1.264	1.510	0.449			6.3	200	07
06/03/24 20:05	0.231	1.293	1.524	0.337			6.0	198	08
06/03/24 20:10	0.190	1.237	1.427	0.445			5.9	198	08
06/03/24 20:15	0.282	1.229	1.511	0.548			5.6	195	08
06/03/24 20:20	0.364	1.311	1.675	0.622			5.1	196	08
06/03/24 20:25	1.082	1.760	2.842	0.557			4.6	193	09
06/03/24 20:30	3.692	5.410	9.102	0.598			5.3	193	07
06/03/24 20:35	3.893	4.944	8.837	0.631			4.7	193	07
06/03/24 20:40	24.708	14.097	38.805	0.593			4.6	193	10
06/03/24 20:45	16.310	8.601	24.911	0.543			5.0	194	10
06/03/24 20:50	10.314	6.934	17.248	0.547			4.8	193	08
06/03/24 20:55	7.651	6.523	14.174	0.443			5.3	190	09
06/03/24 21:00	57.869	20.123	77.991	0.419			4.5	191	11
06/03/24 21:05	25.417	8.601	34.018	0.482			5.1	192	07
06/03/24 21:10	9.597	8.008	17.605	0.531			4.3	191	07
06/03/24 21:15	4.705	7.386	12.091	0.583			4.2	190	11
06/03/24 21:20	1.940	4.765	6.705	0.557			4.0	191	08
06/03/24 21:25	0.531	3.043	3.573	0.577			2.7	185	14
06/03/24 21:30	0.405	2.652	3.057	0.455			2.1	179	20
06/03/24 21:35	0.241	2.280	2.521	0.328			2.0	177	26
06/03/24 21:40	0.108	2.285	2.393	0.373			2.7	179	22
06/03/24 21:45	0.120	2.415	2.536	0.371			1.9	175	23
06/03/24 21:50	0.010	2.272	2.281	0.397			2.3	160	25
06/03/24 21:55	0.099	1.946	2.044	0.381			3.8	192	13
06/03/24 22:00	0.191	1.613	1.804	0.490			2.4	180	19
06/03/24 22:05	0.085	1.397	1.482	0.649			4.1	189	14
06/03/24 22:10	0.077	1.205	1.282	0.682			2.5	183	18
06/03/24 22:15	0.106	1.084	1.190	0.602			4.3	189	12
06/03/24 22:20	0.104	1.071	1.175	0.576			3.9	189	13
06/03/24 22:25	0.023	1.069	1.093	0.497			4.3	191	10
06/03/24 22:30	-0.051	1.045	0.994	0.443			4.2	188	10
06/03/24 22:35	-0.084	0.971	0.887	0.487			3.4	186	12
06/03/24 22:40	-0.091	0.833	0.742	0.486			2.9	181	20
06/03/24 22:45	-0.061	0.680	0.619	0.472			3.2	183	15
06/03/24 22:50	-0.049	0.661	0.612	0.397			2.9	181	15
06/03/24 22:55	-0.070	0.569	0.499	0.300			3.2	184	14
06/03/24 23:00	-0.041	0.524	0.484	0.215			3.2	187	12
06/03/24 23:05	-0.039	0.425	0.386	0.284			2.7	187	15
06/03/24 23:10	-0.023	0.401	0.378	0.286			3.7	190	10
06/03/24 23:15	-0.005	0.401	0.395	0.273			3.4	188	11
06/03/24 23:20	-0.047	0.421	0.375	0.342			3.0	182	21
06/03/24 23:25	-0.021	0.395	0.374	0.386			4.3	188	11
06/03/24 23:30	-0.020	0.416	0.396	0.386			4.9	191	11
06/03/24 23:35	-0.065	0.468	0.403	0.271			4.8	191	12
06/03/24 23:40	-0.049	0.485	0.435	0.484			4.8	189	10
06/03/24 23:45	-0.063	0.487	0.425	0.542			4.2	188	11
06/03/24 23:50	-0.036	0.431	0.395				3.7	184	14
06/03/24 23:55	-0.015	0.426	0.411				2.7	183	15
07/03/24 00:00	-0.089	0.461	0.372	0.440			4.0	187	11

Station Pier Ambient Air Quality Monitoring
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5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/03/24 00:05	-0.096	0.525	0.428	0.589			5.6	197	08
07/03/24 00:10	-0.055	0.530	0.475	0.776			4.5	193	10
07/03/24 00:15	0.077	0.500	0.576	0.644			4.8	194	09
07/03/24 00:20	0.190	0.720	0.909	0.677			3.8	187	14
07/03/24 00:25	0.248	0.758	1.006	0.675			2.5	179	20
07/03/24 00:30	0.162	0.753	0.915	0.734			2.6	189	13
07/03/24 00:35	0.136	0.759	0.896	0.559			3.0	186	12
07/03/24 00:40	0.080	0.725	0.805	0.535			3.1	185	14
07/03/24 00:45	-0.024	0.705	0.681	0.537			2.9	180	20
07/03/24 00:50	-0.098	0.698	0.599	0.575			2.2	158	29
07/03/24 00:55	-0.143	0.636	0.493	0.570			2.9	152	22
07/03/24 01:00	-0.175	0.555	0.380	0.541			2.2	154	27
07/03/24 01:05							2.0	164	30
07/03/24 01:10							3.4	141	18
07/03/24 01:15							2.5	141	19
07/03/24 01:20							2.5	179	18
07/03/24 01:25							2.4	175	26
07/03/24 01:30							2.3	154	32
07/03/24 01:35							2.3	165	27
07/03/24 01:40							2.6	170	24
07/03/24 01:45							2.6	174	22
07/03/24 01:50							2.2	172	28
07/03/24 01:55							3.0	174	16
07/03/24 02:00							2.5	174	22
07/03/24 02:05	-0.142	1.152	1.010	0.711			3.5	185	13
07/03/24 02:10	-0.124	1.191	1.068	0.713			2.7	181	19
07/03/24 02:15	-0.159	1.092	0.933	0.726			2.8	182	17
07/03/24 02:20	-0.086	0.956	0.870	0.827			4.4	186	10
07/03/24 02:25	-0.011	0.757	0.746	0.803			3.2	184	15
07/03/24 02:30	-0.011	0.627	0.616	0.638			3.3	184	16
07/03/24 02:35	-0.001	0.538	0.537	0.631			3.4	181	15
07/03/24 02:40	0.021	0.418	0.438	0.602			3.7	181	15
07/03/24 02:45	0.020	0.417	0.437	0.576			4.1	184	12
07/03/24 02:50	0.031	0.387	0.418	0.679			3.6	189	12
07/03/24 02:55	-0.005	0.403	0.398	0.678			4.3	188	10
07/03/24 03:00	-0.075	0.399	0.325	0.542			3.8	185	12
07/03/24 03:05	-0.066	0.363	0.296	0.560			3.4	181	15
07/03/24 03:10	-0.003	0.368	0.365	0.476			3.5	181	16
07/03/24 03:15	0.039	0.481	0.520	0.460			4.1	187	10
07/03/24 03:20	0.069	0.657	0.726	0.442			4.8	187	12
07/03/24 03:25	-0.002	0.726	0.724	0.455			3.6	182	13
07/03/24 03:30	-0.115	0.629	0.514	0.427			3.8	183	15
07/03/24 03:35	-0.066	0.555	0.489	0.375			4.2	187	10
07/03/24 03:40	-0.026	0.497	0.471	0.357			3.9	182	14
07/03/24 03:45	0.011	0.480	0.491	0.307			3.9	186	12
07/03/24 03:50	-0.062	0.466	0.404	0.430			4.3	184	12
07/03/24 03:55	-0.061	0.436	0.376	0.399			4.2	187	14
07/03/24 04:00	-0.140	0.455	0.315	0.495			4.1	186	12
07/03/24 04:05	-0.140	0.437	0.296	0.406			4.0	185	12
07/03/24 04:10	0.006	0.368	0.374	0.368			4.2	184	13
07/03/24 04:15	0.087	0.374	0.461	0.457			4.1	186	12
07/03/24 04:20	0.184	0.446	0.630	0.575			4.0	187	13
07/03/24 04:25	0.099	0.514	0.613	0.412			3.1	178	19
07/03/24 04:30	-0.123	0.514	0.392	0.490			3.1	177	18
07/03/24 04:35	-0.231	0.533	0.302	0.527			2.8	171	22
07/03/24 04:40	-0.328	0.580	0.252	0.600			3.5	149	21
07/03/24 04:45	-0.283	0.477	0.194	0.642			2.7	162	29
07/03/24 04:50	-0.238	0.453	0.215	0.641			3.2	150	20
07/03/24 04:55	-0.104	0.429	0.325	0.610			2.3	169	29
07/03/24 05:00	-0.059	0.415	0.356	0.507			2.5	164	27
07/03/24 05:05	-0.092	0.493	0.401	0.348			2.7	170	21
07/03/24 05:10	0.055	0.457	0.512	0.388			2.4	173	28
07/03/24 05:15	0.095	0.455	0.549	0.512			2.8	154	26
07/03/24 05:20	0.087	0.394	0.481	0.658			3.2	154	23
07/03/24 05:25	0.047	0.290	0.337	0.562			3.2	159	22
07/03/24 05:30	0.132	0.241	0.373	0.707			2.5	159	25
07/03/24 05:35	0.118	0.236	0.354	0.758			2.6	172	26
07/03/24 05:40	0.058	0.285	0.343	0.677			2.9	154	21
07/03/24 05:45	0.015	0.319	0.334	0.544			2.7	165	24
07/03/24 05:50	-0.048	0.323	0.275	0.568			3.1	159	22
07/03/24 05:55	0.005	0.348	0.354	0.647			2.4	171	27
07/03/24 06:00	0.187	0.750	0.937	0.619			2.6	168	23
07/03/24 06:05	0.465	0.969	1.434	0.590			3.7	150	21
07/03/24 06:10	0.440	0.932	1.372	0.658			3.2	146	21
07/03/24 06:15	0.354	0.881	1.236	1.236			3.9	132	16
07/03/24 06:20	0.343	0.872	1.215	1.519			3.2	127	18
07/03/24 06:25	0.288	0.919	1.207	1.599			3.2	128	16
07/03/24 06:30	0.240	0.905	1.145	1.367			3.2	127	17
07/03/24 06:35	0.199	0.870	1.069	1.094			3.2	134	17
07/03/24 06:40	0.472	3.478	3.951	0.963			3.1	129	18
07/03/24 06:45	56.390		50.825	0.780			2.9	129	15
07/03/24 06:50	1.633	2.453	4.086	0.887			3.3	135	16
07/03/24 06:55	3.048	1.564	4.612	0.695			2.6	114	13
07/03/24 07:00	2.356	5.934	8.291	0.802			2.9	118	15
07/03/24 07:05	2.901	3.319	6.220	0.823			2.9	123	14
07/03/24 07:10	0.416	3.129	3.544	0.625			4.2	137	09
07/03/24 07:15	0.189	2.952	3.141	0.635			2.8	131	17
07/03/24 07:20	1.067	2.364	3.431	0.665			4.5	140	08
07/03/24 07:25	4.452	3.653	8.106	0.618			3.0	128	16
07/03/24 07:30	1.136	1.818	2.954	0.541			3.1	128	16
07/03/24 07:35	9.838	2.520	12.358	0.513			3.2	130	16
07/03/24 07:40	4.669	5.871	10.540	0.600			2.2	128	20
07/03/24 07:45	9.045	9.201	18.246	0.692			2.5	128	18
07/03/24 07:50	2.055	3.539	5.595	0.733			2.2	123	17
07/03/24 07:55	4.089	11.701	15.791	0.785			2.6	118	16
07/03/24 08:00	6.697	4.813	11.510	0.695			2.9	131	13
07/03/24 08:05	8.452	6.704	15.156	0.643			2.6	123	17
07/03/24 08:10	8.593	3.644	12.237	0.677			3.1	128	15
07/03/24 08:15	8.530	0.951	9.482	0.707			3.5	138	12
07/03/24 08:20	3.058	3.468	6.526	0.592			3.0	135	15
07/03/24 08:25	3.485	3.819	7.304	0.479			3.1	143	16
07/03/24 08:30	3.114	8.979	12.093	0.493			2.5	133	21
07/03/24 08:35	3.795	3.603	7.398	0.454			3.6	140	12
07/03/24 08:40	7.186	6.941	14.127	0.469			2.1	130	25
07/03/24 08:45	5.143	4.577	9.720	0.488			2.9	132	16
07/03/24 08:50	2.445	2.926	5.370	0.498			2.1	155	23
07/03/24 08:55	1.897	2.046	3.943	0.553			2.7	157	24
07/03/24 09:00	4.059	0.608	4.667	0.485			2.5	164	23

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/03/24 09:05	5.238	2.932	8.171	0.556			2.7	152	21
07/03/24 09:10	5.894	4.926	10.820	0.627			2.2	169	25
07/03/24 09:15	9.139	6.612	15.751	0.476			2.8	176	18
07/03/24 09:20	12.462	7.708	20.170	0.489			3.0	177	20
07/03/24 09:25	14.453	10.989	25.443	0.619			2.7	179	17
07/03/24 09:30	15.236	9.505	24.741	0.481			2.9	179	18
07/03/24 09:35	15.155	8.675	23.830	0.530			2.9	176	16
07/03/24 09:40	7.438	5.701	13.140	0.591			2.5	177	20
07/03/24 09:45	12.156	8.052	20.208	0.595			2.9	180	14
07/03/24 09:50	10.950	4.965	15.914	0.800			2.7	174	16
07/03/24 09:55	8.312	3.637	11.950	0.913			2.0	175	30
07/03/24 10:00	3.881	2.279	6.160	0.973			2.8	170	20
07/03/24 10:05	4.859	3.869	8.727	1.093			2.6	171	23
07/03/24 10:10	9.830	6.927	16.757	0.873			3.1	186	15
07/03/24 10:15	2.978	3.285	6.263	0.640			4.4	193	10
07/03/24 10:20	5.406	4.055	9.460	0.594			3.7	186	12
07/03/24 10:25	9.163	8.124	17.286	0.421			3.3	186	12
07/03/24 10:30	11.089	7.849	18.938	0.539			3.3	192	13
07/03/24 10:35	11.009	6.791	17.800	0.672			3.7	191	12
07/03/24 10:40	8.141	4.652	12.794	0.650			4.6	192	09
07/03/24 10:45	10.975	9.791	20.766	0.514			3.8	191	11
07/03/24 10:50	6.868	3.220	10.088	0.650			4.8	191	09
07/03/24 10:55	19.904	9.446	29.350	0.643			4.1	192	11
07/03/24 11:00	8.363	5.179	13.542	0.607			4.7	193	09
07/03/24 11:05	15.143	6.486	21.629	0.840			4.4	192	09
07/03/24 11:10	12.812	5.397	18.209	0.823			4.6	192	07
07/03/24 11:15	5.302	4.447	9.748	0.735			4.8	193	09
07/03/24 11:20	10.978	5.972	16.950	0.653			4.7	191	08
07/03/24 11:25	26.702	13.296	39.998	0.597			4.2	190	09
07/03/24 11:30	28.992	11.474	40.466	0.545			4.4	195	09
07/03/24 11:35	16.257	4.879	21.136	0.595			5.4	195	06
07/03/24 11:40	13.771	8.882	22.653	0.533			5.3	196	08
07/03/24 11:45	9.971	6.419	16.390	0.368			5.1	194	07
07/03/24 11:50	6.303	5.362	11.665	0.208			5.2	193	07
07/03/24 11:55	6.397	6.222	12.618	0.218			4.2	191	09
07/03/24 12:00	13.032	5.999	19.030	0.300			4.3	190	13
07/03/24 12:05	7.889	3.943	11.833	0.396			4.8	190	09
07/03/24 12:10	16.453	1.992	18.445	0.471			4.0	191	10
07/03/24 12:15	9.500	3.591	13.091	0.475			5.0	194	09
07/03/24 12:20	22.122	6.966	29.087	0.461			3.9	191	12
07/03/24 12:25	11.651	5.126	16.777	0.387			5.2	193	08
07/03/24 12:30	4.169	2.536	6.705	0.298			5.6	194	07
07/03/24 12:35	1.846	2.048	3.895	0.382			5.0	194	07
07/03/24 12:40	1.619	1.765	3.384	0.469			4.1	193	09
07/03/24 12:45	4.406	3.469	7.875	0.450			4.0	194	08
07/03/24 12:50	3.027	2.827	5.854	0.432			4.8	194	07
07/03/24 12:55	2.619	3.109	5.728	0.393			4.9	196	06
07/03/24 13:00	4.868	3.473	8.341	0.450			5.2	193	08
07/03/24 13:05	4.707	3.227	7.934	0.416			4.9	194	08
07/03/24 13:10	4.063	2.230	6.293	0.374			4.8	195	09
07/03/24 13:15	6.233	1.697	7.930	0.485			4.9	191	08
07/03/24 13:20	3.459	2.283	5.742	0.451			4.9	193	08
07/03/24 13:25	4.354	4.319	8.673	0.412			4.9	193	07
07/03/24 13:30	3.602	3.624	7.226	0.402			4.8	195	08
07/03/24 13:35	3.943	2.089	6.032	0.313			4.4	193	08
07/03/24 13:40	6.891	2.725	9.616	0.240			4.8	195	08
07/03/24 13:45	5.149	2.810	7.959	0.285			4.5	195	09
07/03/24 13:50	5.057	3.884	8.941	0.376			4.6	196	11
07/03/24 13:55	5.843	4.492	10.335	0.464			4.3	196	09
07/03/24 14:00	4.307	2.789	7.096	0.486			4.8	196	10
07/03/24 14:05	4.990	7.569	12.559	0.480			4.8	201	11
07/03/24 14:10	6.348	6.310	12.658	0.546			4.6	199	11
07/03/24 14:15	4.391	3.381	7.773	0.621			5.3	208	10
07/03/24 14:20	3.323	0.711	4.035	0.607			5.4	203	11
07/03/24 14:25	3.006	3.456	6.462	0.655			5.1	207	09
07/03/24 14:30	7.829	8.073	15.902	0.679			4.7	202	12
07/03/24 14:35	8.348	5.490	13.837	0.660			4.9	203	12
07/03/24 14:40	11.611	4.660	16.271	0.658			5.5	207	10
07/03/24 14:45	16.355	9.178	25.534	0.681			5.2	202	13
07/03/24 14:50	20.325	5.468	25.793	0.686			4.8	197	09
07/03/24 14:55	13.612	7.259	20.871	0.690			5.1	205	11
07/03/24 15:00	4.510	3.154	7.664	0.777			5.3	204	11
07/03/24 15:05	19.239	3.423	22.663	0.637			4.7	197	12
07/03/24 15:10	23.154	12.090	35.244	0.637			4.9	199	12
07/03/24 15:15	20.374	5.921	26.295	0.670			5.2	200	10
07/03/24 15:20	13.921	6.320	20.241	0.594			4.7	200	12
07/03/24 15:25	14.592	5.256	19.848	0.561			5.6	197	11
07/03/24 15:30	3.821	3.452	7.273	0.500			5.7	194	09
07/03/24 15:35	3.985	1.848	5.833	0.448			6.6	190	07
07/03/24 15:40	15.488	4.218	19.705	0.298			5.9	195	10
07/03/24 15:45	12.749	4.915	17.665	0.304			5.5	194	10
07/03/24 15:50	17.380	7.529	24.909	0.355			5.2	193	09
07/03/24 15:55	6.313	2.952	9.264	0.323			5.9	194	08
07/03/24 16:00	11.057	1.717	12.774	0.444			5.9	192	07
07/03/24 16:05	14.633	3.732	18.365	0.455			6.4	196	07
07/03/24 16:10	17.553	11.469	29.022	0.520			5.9	193	07
07/03/24 16:15	29.850	4.259	34.109	0.551			6.1	194	08
07/03/24 16:20	16.447	13.904	30.351	0.619			6.3	193	07
07/03/24 16:25	38.589	7.174	45.763	0.542			6.0	194	07
07/03/24 16:30	48.118	22.368	70.486	0.584			6.8	194	06
07/03/24 16:35	63.549	19.790	83.339	0.546			7.1	194	06
07/03/24 16:40	59.732	19.937	79.668	0.627			6.5	193	07
07/03/24 16:45	37.623	15.135	52.758	0.701			7.0	194	07
07/03/24 16:50	36.661	6.136	42.798	0.659			6.4	194	09
07/03/24 16:55	20.325	14.586	34.911	0.632			6.5	193	07
07/03/24 17:00	24.791	9.766	34.557	0.649			6.7	194	07
07/03/24 17:05	31.895	8.978	40.873	0.694			6.7	193	07
07/03/24 17:10	28.557	11.272	39.829	0.759			6.6	195	05
07/03/24 17:15	161.571	18.204	179.775	1.203			7.0	194	06
07/03/24 17:20	109.876	21.974	131.850	1.756			7.2	193	06
07/03/24 17:25	258.723	48.091	306.815	2.301			6.5	192	09
07/03/24 17:30	13.312	8.352	21.665	2.172			5.4	190	10
07/03/24 17:35	7.812	5.584	13.396	1.529			5.0	190	11
07/03/24 17:40	5.616	4.784	10.400	1.049			4.8	185	13
07/03/24 17:45	0.580	1.886	2.466	0.646			4.3	184	14
07/03/24 17:50	0.053	1.248	1.301	0.273			4.6	186	10
07/03/24 17:55	0.371	2.161	2.531	0.650			4.5	187	11
07/03/24 18:00	0.535	2.104	2.639	0.552			4.4	185	14

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/03/24 18:05	0.402	1.664	2.065	0.437			4.8	186	11
07/03/24 18:10	0.354	1.475	1.830	0.531			4.3	187	11
07/03/24 18:15	0.434	1.331	1.765	0.471			4.4	190	10
07/03/24 18:20	0.563	1.754	2.316	0.454			4.6	189	12
07/03/24 18:25	0.496	1.744	2.240	0.534			4.2	183	13
07/03/24 18:30	0.510	1.449	1.959	0.516			3.9	180	15
07/03/24 18:35	0.431	1.178	1.609	0.355			3.6	180	16
07/03/24 18:40	0.360	0.990	1.350	0.262			3.9	181	12
07/03/24 18:45	0.335	0.817	1.152	0.159			3.2	175	20
07/03/24 18:50	0.368	0.697	1.064	0.167			3.5	178	18
07/03/24 18:55	0.294	0.688	0.982	0.144			4.8	188	10
07/03/24 19:00	0.153	0.770	0.924	0.013			4.2	185	13
07/03/24 19:05	0.216	0.851	1.068	0.055			4.4	189	12
07/03/24 19:10	0.180	0.856	1.036	0.066			4.1	191	12
07/03/24 19:15	0.216	0.799	1.015	-0.139			3.4	182	17
07/03/24 19:20	0.178	0.779	0.957	-0.087			3.4	178	18
07/03/24 19:25	0.163	0.748	0.911	-0.007			3.2	174	17
07/03/24 19:30	0.104	0.700	0.804	0.254			3.3	175	20
07/03/24 19:35	0.133	0.630	0.763	0.252			3.2	167	22
07/03/24 19:40	0.081	0.611	0.692	0.195			2.5	165	26
07/03/24 19:45	0.122	0.642	0.763	0.288			3.1	175	17
07/03/24 19:50	0.101	0.659	0.760	0.334			3.2	178	17
07/03/24 19:55	0.051	0.538	0.589	0.395			3.4	177	20
07/03/24 20:00	0.001	0.541	0.542	0.420			2.7	173	24
07/03/24 20:05	-0.039	0.544	0.505	0.510			2.5	170	24
07/03/24 20:10	-0.087	0.579	0.492	0.343			2.7	162	27
07/03/24 20:15	-0.045	0.612	0.566	0.279			2.9	175	19
07/03/24 20:20	0.059	0.591	0.650	0.425			2.8	174	23
07/03/24 20:25	0.017	0.623	0.641	0.236			2.5	164	24
07/03/24 20:30	-0.016	0.698	0.682	0.198			3.1	160	27
07/03/24 20:35	-0.069	0.699	0.630	0.190			3.1	146	22
07/03/24 20:40	-0.056	0.621	0.565	0.188			2.4	162	29
07/03/24 20:45	-0.045	0.533	0.488	0.138			2.8	166	22
07/03/24 20:50	0.073	0.511	0.584	0.255			2.6	161	24
07/03/24 20:55	0.089	0.538	0.627	0.303			2.0	163	27
07/03/24 21:00	0.024	0.649	0.674	0.365			2.3	172	22
07/03/24 21:05	-0.060	0.664	0.603	0.485			2.4	171	21
07/03/24 21:10	-0.125	0.679	0.554	0.463			2.2	167	25
07/03/24 21:15	-0.102	0.654	0.552	0.303			2.7	177	22
07/03/24 21:20	-0.151	0.733	0.581	0.412			2.9	181	16
07/03/24 21:25	-0.074	0.809	0.736	0.363			2.7	176	17
07/03/24 21:30	0.089	0.831	0.920	0.324			2.1	180	21
07/03/24 21:35	0.197	0.760	0.958	0.368			2.0	173	24
07/03/24 21:40	0.055	0.777	0.833	0.335			1.9	166	25
07/03/24 21:45	0.102	0.823	0.925	0.299			1.7	165	31
07/03/24 21:50	0.108	0.798	0.906	0.041			1.7	180	25
07/03/24 21:55	0.058	0.766	0.823	0.215			2.4	184	15
07/03/24 22:00	0.036	0.756	0.793	0.306			2.5	181	18
07/03/24 22:05	0.007	0.757	0.764	0.109			2.1	182	18
07/03/24 22:10	-0.067	0.791	0.725	0.047			2.9	190	10
07/03/24 22:15	-0.072	0.740	0.668	0.141			2.7	188	10
07/03/24 22:20	0.070	0.712	0.782	0.202			3.0	188	09
07/03/24 22:25	0.026	0.642	0.668	0.309			3.2	188	09
07/03/24 22:30	0.013	0.603	0.617	0.190			3.1	191	14
07/03/24 22:35	0.015	0.575	0.590	0.227			3.4	195	10
07/03/24 22:40	0.013	0.611	0.624	0.156			3.4	194	10
07/03/24 22:45	0.036	0.679	0.715	0.090			3.1	193	08
07/03/24 22:50	0.015	0.774	0.789	-0.112			3.1	188	08
07/03/24 22:55	0.000	0.867	0.867	-0.134			3.7	194	07
07/03/24 23:00	-0.023	0.896	0.873	-0.071			3.8	196	07
07/03/24 23:05	-0.060	0.917	0.857	0.088			3.8	196	10
07/03/24 23:10	0.058	0.887	0.945	0.146			3.0	186	20
07/03/24 23:15	0.140	0.888	1.028	0.147			3.0	186	11
07/03/24 23:20	0.169	0.872	1.041	0.082			3.0	185	14
07/03/24 23:25	0.046	0.845	0.891	0.085			3.0	189	12
07/03/24 23:30	-0.074	0.919	0.845	0.259			3.5	192	08
07/03/24 23:35	-0.007	0.919	0.912	0.222			2.9	189	16
07/03/24 23:40	0.080	0.979	1.059	0.206			1.6	172	27
07/03/24 23:45	0.113	1.019	1.131	0.127			1.9	159	31
07/03/24 23:50	0.138	1.073	1.211				2.7	155	26
07/03/24 23:55	0.005	1.281	1.285				3.8	137	07
08/03/24 00:00	-0.142	1.416	1.274	0.182			3.2	141	16
08/03/24 00:05	-0.070	1.450	1.380	0.344			3.3	137	08
08/03/24 00:10	0.044	1.465	1.508	0.380			3.7	139	11
08/03/24 00:15	0.083	1.582	1.665	0.476			3.4	133	12
08/03/24 00:20	0.029	1.648	1.677	0.484			3.6	140	14
08/03/24 00:25	0.009	1.768	1.777	0.521			3.2	143	14
08/03/24 00:30	0.104	1.898	2.002	0.436			2.6	140	22
08/03/24 00:35	-0.008	2.013	2.006	0.437			3.1	137	17
08/03/24 00:40	-0.165	2.095	1.930	0.532			2.6	138	18
08/03/24 00:45	-0.184	2.180	1.996	0.610			2.7	141	18
08/03/24 00:50	-0.202	2.263	2.061	0.535			2.3	143	18
08/03/24 00:55	-0.160	2.289	2.129	0.578			2.5	153	23
08/03/24 01:00	-0.070	2.357	2.287	0.552			2.6	144	23
08/03/24 01:05							2.9	141	23
08/03/24 01:10							3.1	141	16
08/03/24 01:15							2.8	142	17
08/03/24 01:20							3.1	139	16
08/03/24 01:25							2.6	145	20
08/03/24 01:30							2.6	142	24
08/03/24 01:35							3.0	141	18
08/03/24 01:40							2.6	145	23
08/03/24 01:45							2.5	136	18
08/03/24 01:50							2.8	140	23
08/03/24 01:55							2.0	137	18
08/03/24 02:00							2.5	136	15
08/03/24 02:05	0.022	2.614	2.637	0.698			3.8	139	10
08/03/24 02:10	0.026	2.566	2.592	0.693			2.9	136	15
08/03/24 02:15	0.030	2.491	2.522	0.726			2.7	135	18
08/03/24 02:20	0.101	2.349	2.450	0.813			2.4	142	18
08/03/24 02:25	0.089	2.276	2.365	1.108			3.1	140	15
08/03/24 02:30	0.113	2.224	2.337	1.044			3.1	143	16
08/03/24 02:35	0.212	2.275	2.488	0.966			2.0	157	23
08/03/24 02:40	0.262	2.300	2.562	0.949			3.0	141	16
08/03/24 02:45	0.226	2.545	2.772	0.847			2.6	142	19
08/03/24 02:50	0.220	2.737	2.957	0.794			2.6	136	16
08/03/24 02:55	0.202	2.623	2.825	0.874			2.6	133	14
08/03/24 03:00	0.146	2.519	2.665	0.920			1.8	125	21

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/03/24 03:05	0.087	2.536	2.623	0.991			1.7	129	23
08/03/24 03:10	0.050	2.664	2.714	0.922			1.9	131	22
08/03/24 03:15	-0.043	2.601	2.558	0.922			2.2	144	24
08/03/24 03:20	0.029	2.670	2.699	0.970			2.7	143	15
08/03/24 03:25	0.103	2.661	2.764	1.091			2.4	137	16
08/03/24 03:30	0.057	2.636	2.692	1.100			1.6	120	22
08/03/24 03:35	0.098	2.637	2.735	1.093			1.7	121	20
08/03/24 03:40	0.164	2.617	2.781	1.105			2.1	116	14
08/03/24 03:45	0.080	2.623	2.704	1.108			1.8	120	18
08/03/24 03:50	0.034	2.670	2.704	1.130			1.6	119	18
08/03/24 03:55	0.054	2.692	2.746	1.116			1.9	117	12
08/03/24 04:00	0.147	2.724	2.871	0.972			1.5	119	20
08/03/24 04:05	0.169	2.742	2.911	0.984			1.7	118	15
08/03/24 04:10	0.092	2.825	2.917	1.018			1.7	113	14
08/03/24 04:15	0.045	2.822	2.867	0.907			1.7	112	17
08/03/24 04:20	0.103	2.868	2.971	0.956			1.8	102	13
08/03/24 04:25	0.155	3.133	3.289	0.982			1.4	98	17
08/03/24 04:30	0.086	3.394	3.480	1.007			1.5	96	09
08/03/24 04:35	-0.026	3.901	3.875	1.113			1.4	107	11
08/03/24 04:40	0.015	4.622	4.636	1.079			1.2	108	11
08/03/24 04:45	0.158	5.172	5.331	1.129			1.1	83	11
08/03/24 04:50	0.145	5.799	5.944	1.119			0.6	75	17
08/03/24 04:55	0.138	6.027	6.165	1.037			0.7	103	16
08/03/24 05:00	0.133	6.250	6.383	0.979			0.7	84	17
08/03/24 05:05	0.260	6.612	6.872	1.069			0.7	93	12
08/03/24 05:10	0.299	6.791	7.090	1.173			0.6	87	12
08/03/24 05:15	0.207	6.872	7.079	1.050			0.5	140	42
08/03/24 05:20	0.180	6.992	7.172	0.957			1.0	200	25
08/03/24 05:25	0.254	7.158	7.411	0.953			0.8	186	29
08/03/24 05:30	0.224	7.467	7.691	0.978			1.1	174	26
08/03/24 05:35	0.082	7.802	7.884	0.867			1.1	170	28
08/03/24 05:40	0.084	8.269	8.352	0.851			0.8	134	27
08/03/24 05:45	0.013	8.900	8.912	0.868			0.8	161	32
08/03/24 05:50	0.113	9.789	9.903	0.903			0.9	175	29
08/03/24 05:55	0.281	10.443	10.724	0.973			0.6	118	20
08/03/24 06:00	0.407	11.131	11.538	1.095			0.8	136	27
08/03/24 06:05	0.484	11.855	12.339	1.138			0.6	145	46
08/03/24 06:10	0.621	12.746	13.367	1.099			0.9	89	22
08/03/24 06:15	0.789	13.466	14.254	1.147			1.0	88	13
08/03/24 06:20	1.521	14.216	15.737	1.060			1.2	70	19
08/03/24 06:25	6.898	17.035	23.933	1.139			1.0	74	19
08/03/24 06:30	41.543	48.793	90.336	1.342			1.1	94	13
08/03/24 06:35	53.189		26.488	1.363			1.0	105	08
08/03/24 06:40	4.656	14.807	19.463	1.369			0.6	145	37
08/03/24 06:45	3.481	13.935	17.416	1.236			0.6	146	28
08/03/24 06:50	3.134	12.742	15.876	1.281			0.8	126	26
08/03/24 06:55	3.444	13.025	16.469	1.282			0.9	133	17
08/03/24 07:00	10.942	23.528	34.470	1.355			0.8	119	24
08/03/24 07:05	12.316	17.612	29.928	1.227			0.9	92	18
08/03/24 07:10	14.529	16.549	31.079	1.330			0.9	55	09
08/03/24 07:15	13.693	16.417	30.111	1.356			0.6	57	19
08/03/24 07:20	14.422	16.057	30.479	1.401			0.2	253	53
08/03/24 07:25	17.401	14.545	31.946	1.584			0.8	243	10
08/03/24 07:30	17.383	14.967	32.349	1.708			0.9	241	16
08/03/24 07:35	17.790	15.186	32.976	1.925			0.6	276	24
08/03/24 07:40	18.538	15.687	34.225	1.943			1.4	255	25
08/03/24 07:45	20.717	16.938	37.654	1.995			1.5	240	16
08/03/24 07:50	25.635	20.222	45.857	2.016			1.0	260	13
08/03/24 07:55	34.277	21.690	55.967	2.090			1.6	231	14
08/03/24 08:00	38.527	20.035	58.561	2.099			1.5	235	22
08/03/24 08:05	24.106	21.406	45.512	2.161			1.3	281	22
08/03/24 08:10	20.134	15.326	35.459	1.971			1.2	282	26
08/03/24 08:15	19.465	14.871	34.336	2.009			1.8	264	20
08/03/24 08:20	19.158	14.609	33.767	1.937			2.1	269	19
08/03/24 08:25	18.607	14.186	32.793	1.892			2.0	278	22
08/03/24 08:30	17.838	13.810	31.648	1.895			2.3	275	09
08/03/24 08:35	17.412	13.601	31.013	2.039			1.6	278	18
08/03/24 08:40	17.543	13.695	31.238	1.961			1.0	282	29
08/03/24 08:45	17.968	13.844	31.811	1.875			1.6	236	07
08/03/24 08:50	18.899	14.111	33.010	2.039			1.3	238	18
08/03/24 08:55	19.843	14.241	34.084	2.145			1.3	252	20
08/03/24 09:00	20.315	14.367	34.682	2.194			1.4	246	23
08/03/24 09:05	20.159	14.439	34.597	2.122			2.0	244	09
08/03/24 09:10	20.092	14.405	34.498	2.133			1.4	227	19
08/03/24 09:15	20.683	14.629	35.311	2.085			1.1	186	30
08/03/24 09:20	24.838	14.576	39.414	2.195			1.0	69	38
08/03/24 09:25	25.723	16.369	42.092	2.156			0.9	219	58
08/03/24 09:30	20.452	14.844	35.295	2.313			1.7	222	20
08/03/24 09:35	20.275	14.826	35.101	2.245			1.8	205	14
08/03/24 09:40	23.800	15.476	39.276	2.061			1.4	178	28
08/03/24 09:45	24.469	15.094	39.564	2.179			1.6	162	21
08/03/24 09:50	24.490	15.179	39.669	2.200			1.8	184	19
08/03/24 09:55	24.005	15.044	39.050	2.236			1.6	177	23
08/03/24 10:00	22.974	14.853	37.827	2.184			1.5	159	25
08/03/24 10:05	22.665	14.633	37.298	2.214			1.3	161	29
08/03/24 10:10	22.892	14.858	37.750	2.317			1.5	172	26
08/03/24 10:15	19.643	12.561	32.204	2.425			1.4	163	25
08/03/24 10:20	18.555	12.774	31.330	2.244			1.4	176	28
08/03/24 10:25	18.538	12.994	31.533	2.023			1.7	171	20
08/03/24 10:30	19.088	13.229	32.316	2.062			1.4	163	25
08/03/24 10:35	19.229	13.593	32.822	2.085			1.4	167	28
08/03/24 10:40	19.239	13.889	33.127	2.061			1.4	172	22
08/03/24 10:45	19.012	14.034	33.046	2.158			1.5	169	24
08/03/24 10:50	18.777	14.013	32.790	2.121			1.2	168	26
08/03/24 10:55	18.670	14.187	32.856	2.145			1.4	181	27
08/03/24 11:00	18.496	14.421	32.917	2.016			1.3	177	26
08/03/24 11:05	18.330	14.729	33.059	1.853			1.5	173	23
08/03/24 11:10	18.158	14.676	32.834	1.843			1.4	184	21
08/03/24 11:15	18.139	14.850	32.989	1.899			1.3	167	25
08/03/24 11:20	18.069	15.021	33.091	1.868			1.5	173	23
08/03/24 11:25	17.920	15.050	32.970	1.983			2.0	191	21
08/03/24 11:30	17.802	15.493	33.295	1.970			2.7	199	08
08/03/24 11:35	17.603	15.927	33.529	1.961			2.8	196	11
08/03/24 11:40	17.054	14.691	31.745	2.006			2.2	194	14
08/03/24 11:45	16.505	14.507	31.011	2.029			2.3	189	13
08/03/24 11:50	16.131	14.519	30.650	1.941			2.4	192	12
08/03/24 11:55	15.603	14.554	30.157	1.961			2.8	196	13
08/03/24 12:00	14.906	14.490	29.396	1.942			2.6	194	14

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/03/24 12:05	14.081	14.273	28.353	1.855			2.4	192	14
08/03/24 12:10	13.324	13.872	27.197	1.775			2.6	189	14
08/03/24 12:15	12.936	13.869	26.805	1.675			2.4	192	13
08/03/24 12:20	12.884	14.191	27.075	1.691			2.6	190	15
08/03/24 12:25	12.678	14.035	26.714	1.581			2.9	194	13
08/03/24 12:30	12.309	13.098	25.407	1.689			2.6	191	14
08/03/24 12:35	11.893	13.050	24.943	1.625			2.6	190	12
08/03/24 12:40	11.568	13.478	25.046	1.577			2.3	185	18
08/03/24 12:45	11.357	13.669	25.026	1.546			2.5	188	19
08/03/24 12:50	11.213	14.239	25.452	1.558			2.6	188	13
08/03/24 12:55	11.206	14.297	25.503	1.548			3.0	197	13
08/03/24 13:00	11.295	15.085	26.379	1.411			3.1	194	13
08/03/24 13:05	11.340	16.536	27.875	1.462			3.1	190	13
08/03/24 13:10	10.980	14.371	25.351	1.429			3.3	195	13
08/03/24 13:15	10.092	13.652	23.745	1.372			3.1	189	13
08/03/24 13:20	9.668	13.679	23.348	1.206			2.8	187	12
08/03/24 13:25	9.146	13.622	22.767	1.323			2.6	189	15
08/03/24 13:30	10.907	14.430	25.337	1.351			2.3	189	16
08/03/24 13:35	7.374	14.464	21.838	1.191			2.6	193	13
08/03/24 13:40	7.413	13.980	21.393	1.125			2.7	194	12
08/03/24 13:45	7.210	14.216	21.425	1.207			2.7	193	14
08/03/24 13:50	6.840	14.124	20.964	1.188			2.5	194	12
08/03/24 13:55	6.701	14.106	20.807	1.231			2.2	192	14
08/03/24 14:00	6.485	14.022	20.508	1.263			2.5	192	13
08/03/24 14:05	6.255	13.993	20.248	1.234			2.2	190	16
08/03/24 14:10	6.162	13.983	20.145	1.094			2.5	196	15
08/03/24 14:15	5.943	13.705	19.647	1.126			1.9	191	15
08/03/24 14:20	7.756	13.741	21.498	1.209			2.5	201	10
08/03/24 14:25	18.657	25.942	44.599	1.150			2.9	206	07
08/03/24 14:30	20.257	24.546	44.802	1.161			2.2	199	14
08/03/24 14:35	52.116	35.698	87.813	1.211			2.8	206	09
08/03/24 14:40	10.823	18.976	29.799	1.248			3.3	208	08
08/03/24 14:45	12.236	21.810	34.045	1.306			3.5	212	07
08/03/24 14:50	15.063	24.173	39.236	1.250			3.2	209	07
08/03/24 14:55	13.652	22.679	36.331	1.275			3.4	211	07
08/03/24 15:00	11.090	23.104	34.195	1.205			4.1	211	07
08/03/24 15:05	13.134	26.069	39.203	1.204			3.9	210	05
08/03/24 15:10	17.423	27.764	45.188	1.241			3.7	209	07
08/03/24 15:15	13.293	21.868	35.161	1.305			3.4	211	08
08/03/24 15:20	16.039	31.544	47.583	1.209			3.1	209	08
08/03/24 15:25	20.554	35.785	56.339	1.120			3.8	209	07
08/03/24 15:30	23.040	37.042	60.082	1.147			3.4	209	08
08/03/24 15:35	22.512	33.033	55.544	1.161			3.5	211	07
08/03/24 15:40	28.284	38.346	66.630	1.169			3.2	209	07
08/03/24 15:45	31.397	38.181	69.578	1.108			3.1	206	07
08/03/24 15:50	66.820	41.281	108.101	1.119			3.0	206	09
08/03/24 15:55	31.835	34.034	65.870	1.309			2.5	197	11
08/03/24 16:00	29.171	36.926	66.096	1.251			2.4	205	10
08/03/24 16:05	34.326	38.463	72.789	1.267			3.4	205	09
08/03/24 16:10	27.161	25.370	52.531	1.381			2.1	198	15
08/03/24 16:15	10.402	26.500	36.902	1.371			1.8	185	17
08/03/24 16:20	0.999	6.281	7.280	1.426			2.2	167	18
08/03/24 16:25	0.244	4.233	4.477	1.363			1.4	167	22
08/03/24 16:30	0.543	4.763	5.306	1.200			1.4	168	23
08/03/24 16:35	1.067	7.199	8.266	1.039			1.8	172	22
08/03/24 16:40	1.231	7.705	8.937	0.980			1.1	164	28
08/03/24 16:45	1.079	6.791	7.869	0.975			1.5	165	21
08/03/24 16:50	1.084	6.221	7.305	0.933			1.5	172	18
08/03/24 16:55	1.362	8.137	9.499	1.018			1.7	183	15
08/03/24 17:00	1.926	15.151	17.077	0.997			2.5	193	13
08/03/24 17:05	3.201	25.375	28.576	0.987			3.7	197	08
08/03/24 17:10	5.214	20.335	25.549	0.946			3.0	195	09
08/03/24 17:15	3.790	11.304	15.094	0.907			2.5	191	16
08/03/24 17:20	4.100	24.400	28.499	0.920			2.6	195	12
08/03/24 17:25	5.059	24.651	29.710	0.992			3.0	196	10
08/03/24 17:30	5.549	16.998	22.547	1.075			3.0	195	11
08/03/24 17:35	3.505	13.364	16.869	1.012			2.5	197	12
08/03/24 17:40	2.859	7.792	10.651	0.948			2.6	201	13
08/03/24 17:45	2.529	7.370	9.899	0.985			3.0	210	08
08/03/24 17:50	2.468	8.464	10.932	1.042			3.2	211	07
08/03/24 17:55	2.137	5.556	7.693	1.077			3.3	213	03
08/03/24 18:00	2.210	9.127	11.337	1.090			3.5	212	04
08/03/24 18:05	8.645	10.923	19.568	1.096			3.5	211	06
08/03/24 18:10	24.458	9.039	33.497	1.117			3.2	209	10
08/03/24 18:15	5.168	9.010	14.178	1.080			3.7	212	04
08/03/24 18:20	1.096	5.394	6.490	1.008			3.5	217	06
08/03/24 18:25	1.078	6.657	7.735	1.044			3.1	210	09
08/03/24 18:30	3.497	9.493	12.990	1.000			3.5	212	04
08/03/24 18:35	2.526	7.115	9.641	0.955			3.8	214	05
08/03/24 18:40	3.037	17.040	20.077	0.996			3.6	214	04
08/03/24 18:45	0.679	2.125	2.804	0.963			3.1	220	06
08/03/24 18:50	0.422	2.268	2.690	0.946			3.3	215	04
08/03/24 18:55	0.402	2.244	2.646	0.979			3.3	217	05
08/03/24 19:00	0.419	2.287	2.706	0.882			3.6	220	05
08/03/24 19:05	0.351	2.349	2.700	0.819			3.6	228	05
08/03/24 19:10	0.320	2.359	2.679	0.838			3.4	224	04
08/03/24 19:15	0.366	2.498	2.865	0.863			3.7	227	06
08/03/24 19:20	0.414	2.365	2.780	0.820			4.0	231	07
08/03/24 19:25	0.371	2.323	2.695	0.799			3.7	231	06
08/03/24 19:30	0.253	2.147	2.400	0.771			4.2	234	05
08/03/24 19:35	0.190	1.988	2.178	0.785			3.5	234	07
08/03/24 19:40	0.116	1.966	2.082	0.755			3.3	236	09
08/03/24 19:45	0.093	2.048	2.141	0.662			3.6	232	06
08/03/24 19:50	0.034	1.974	2.008	0.619			3.4	231	05
08/03/24 19:55	0.055	1.858	1.913	0.631			3.3	237	10
08/03/24 20:00	0.064	2.155	2.219	0.741			3.6	238	07
08/03/24 20:05	0.044	2.720	2.764	0.727			3.4	248	08
08/03/24 20:10	0.012	4.942	4.954	0.715			3.4	249	10
08/03/24 20:15	0.065	10.548	10.613	0.615			3.8	249	09
08/03/24 20:20	0.206	17.192	17.398	0.607			3.4	263	07
08/03/24 20:25	0.766	22.709	23.475	0.609			3.3	262	07
08/03/24 20:30	0.899	18.938	19.837	0.705			3.4	257	08
08/03/24 20:35	1.209	21.723	22.931	0.757			3.2	260	10
08/03/24 20:40	1.363	21.178	22.540	0.827			3.2	269	08
08/03/24 20:45	1.258	17.870	19.128	0.822			3.5	270	07
08/03/24 20:50	1.187	14.816	16.002	0.958			3.1	272	07
08/03/24 20:55	1.069	17.749	18.818	0.964			3.5	271	09
08/03/24 21:00	1.149	21.301	22.450	0.942			3.0	268	09

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/03/24 21:05	1.194	21.776	22.970	0.961			2.1	280	13
08/03/24 21:10	1.223	20.623	21.846	0.950			2.0	282	15
08/03/24 21:15	1.009	14.040	15.049	0.847			2.2	286	14
08/03/24 21:20	0.873	10.782	11.655	0.885			2.2	287	14
08/03/24 21:25	0.712	12.206	12.918	0.834			2.2	291	14
08/03/24 21:30	0.550	13.215	13.765	0.978			2.5	291	13
08/03/24 21:35	0.501	13.445	13.946	0.974			2.4	291	11
08/03/24 21:40	0.525	13.662	14.187	0.929			2.4	288	15
08/03/24 21:45	0.490	14.720	15.209	0.926			2.1	286	13
08/03/24 21:50	0.397	15.157	15.554	0.879			2.1	291	14
08/03/24 21:55	0.603	16.633	17.236	0.900			2.0	286	12
08/03/24 22:00	0.880	20.394	21.273	0.936			1.3	290	13
08/03/24 22:05	0.879	21.144	22.023	0.962			1.7	312	15
08/03/24 22:10	0.684	18.964	19.648	0.897			1.9	296	21
08/03/24 22:15	0.626	17.494	18.120	0.956			2.2	307	17
08/03/24 22:20	0.550	16.856	17.405	0.914			1.6	307	16
08/03/24 22:25	0.459	15.544	16.003	0.824			1.8	310	17
08/03/24 22:30	0.352	15.067	15.418	0.808			2.0	308	13
08/03/24 22:35	0.442	15.114	15.556	0.837			1.8	313	09
08/03/24 22:40	0.423	14.975	15.399	0.801			1.7	315	15
08/03/24 22:45	0.379	14.736	15.115	0.809			1.1	332	23
08/03/24 22:50	0.327	14.846	15.173	0.845			1.7	311	17
08/03/24 22:55	0.251	15.126	15.376	0.855			1.5	316	20
08/03/24 23:00	0.310	14.887	15.196	0.797			2.1	304	11
08/03/24 23:05	0.394	14.217	14.611	0.845			1.9	308	17
08/03/24 23:10	0.280	13.679	13.958	0.938			1.9	307	09
08/03/24 23:15	0.263	13.161	13.424	0.952			1.9	309	10
08/03/24 23:20	0.222	12.583	12.805	0.883			2.1	308	11
08/03/24 23:25	0.103	12.133	12.236	0.909			1.5	305	10
08/03/24 23:30	0.127	12.173	12.300	0.869			1.3	313	18
08/03/24 23:35	0.358	12.459	12.817	0.781			0.9	325	23
08/03/24 23:40	0.333	12.850	13.183	0.763			1.4	335	23
08/03/24 23:45	0.429	13.396	13.825	0.760			1.0	315	32
08/03/24 23:50	0.389	13.805	14.194				1.2	318	15
08/03/24 23:55	0.384	14.501	14.885				1.0	314	19
09/03/24 00:00	0.315	15.152	15.467	0.808			1.3	304	16
09/03/24 00:05	0.319	15.532	15.850	0.907			1.0	324	18
09/03/24 00:10	0.536	17.080	17.616	0.936			1.0	350	26
09/03/24 00:15	1.588	24.234	25.822	0.941			1.1	3	21
09/03/24 00:20	2.751	29.218	31.969	0.979			1.1	356	20
09/03/24 00:25	4.157	30.068	34.225	0.992			1.1	8	18
09/03/24 00:30	4.730	29.285	34.015	0.969			1.5	342	29
09/03/24 00:35	3.889	27.334	31.223	1.026			1.1	339	27
09/03/24 00:40	3.069	25.071	28.140	1.043			1.1	336	23
09/03/24 00:45	2.831	25.272	28.103	1.101			1.3	330	25
09/03/24 00:50	2.665	26.091	28.756	1.076			0.6	323	28
09/03/24 00:55	2.784	26.533	29.317	1.056			0.6	338	39
09/03/24 01:00	3.124	26.948	30.072	1.066			0.8	354	26
09/03/24 01:05							0.7	307	26
09/03/24 01:10							0.8	317	20
09/03/24 01:15							1.2	325	20
09/03/24 01:20							1.0	325	17
09/03/24 01:25							1.2	334	24
09/03/24 01:30							1.0	327	19
09/03/24 01:35							0.9	318	25
09/03/24 01:40							0.8	330	25
09/03/24 01:45							0.7	338	30
09/03/24 01:50							0.6	1	32
09/03/24 01:55							0.3	344	43
09/03/24 02:00							0.7	356	23
09/03/24 02:05	5.291	30.331	35.622	1.172			0.8	3	19
09/03/24 02:10	4.500	27.619	32.118	1.143			0.9	2	12
09/03/24 02:15	3.607	24.829	28.436	1.156			0.9	22	09
09/03/24 02:20	2.951	24.111	27.062	0.986			1.1	18	06
09/03/24 02:25	2.249	23.064	25.313	0.916			1.1	12	08
09/03/24 02:30	1.889	21.929	23.818	1.029			0.9	3	13
09/03/24 02:35	1.525	21.608	23.133	1.002			0.9	13	16
09/03/24 02:40	1.388	21.680	23.068	1.016			0.9	36	06
09/03/24 02:45	1.639	22.199	23.837	1.051			1.1	47	04
09/03/24 02:50	1.613	21.808	23.421	1.141			0.7	58	07
09/03/24 02:55	1.187	20.422	21.609	1.106			0.7	67	11
09/03/24 03:00	1.003	18.522	19.524	1.113			0.8	84	07
09/03/24 03:05	0.804	17.167	17.971	1.254			0.7	89	09
09/03/24 03:10	0.789	16.807	17.596	1.238			0.7	64	10
09/03/24 03:15	0.767	17.165	17.932	1.175			0.9	62	08
09/03/24 03:20	0.606	17.240	17.846	1.129			1.0	60	06
09/03/24 03:25	0.585	17.104	17.689	1.204			0.7	69	14
09/03/24 03:30	0.508	16.984	17.492	1.257			0.5	71	11
09/03/24 03:35	0.492	17.229	17.721	1.306			0.8	54	05
09/03/24 03:40	0.457	17.459	17.916	1.184			0.8	66	09
09/03/24 03:45	0.474	17.756	18.230	1.132			0.6	65	12
09/03/24 03:50	0.506	18.169	18.675	1.182			0.7	52	07
09/03/24 03:55	0.724	18.546	19.270	1.159			0.8	49	08
09/03/24 04:00	0.901	18.961	19.862	1.228			1.2	43	09
09/03/24 04:05	1.230	19.500	20.730	1.288			1.0	39	11
09/03/24 04:10	1.382	19.777	21.159	1.284			1.0	36	08
09/03/24 04:15	1.368	20.053	21.421	1.363			1.1	41	07
09/03/24 04:20	1.536	20.327	21.863	1.267			0.6	36	13
09/03/24 04:25	1.630	20.629	22.258	1.224			0.4	59	12
09/03/24 04:30	1.702	21.192	22.894	1.183			0.9	41	06
09/03/24 04:35	1.934	21.578	23.512	1.245			1.0	30	07
09/03/24 04:40	2.234	21.840	24.074	1.261			1.1	33	06
09/03/24 04:45	2.279	21.868	24.147	1.212			1.1	34	08
09/03/24 04:50	2.598	21.796	24.394	1.178			1.1	33	07
09/03/24 04:55	3.554	21.827	25.380	1.250			1.0	26	06
09/03/24 05:00	4.319	21.831	26.150	1.312			0.6	26	12
09/03/24 05:05	5.027	21.818	26.845	1.462			0.8	13	22
09/03/24 05:10	5.528	22.177	27.705	1.335			1.1	14	16
09/03/24 05:15	6.242	22.501	28.743	1.282			1.1	29	08
09/03/24 05:20	7.424	22.848	30.272	1.333			1.2	18	05
09/03/24 05:25	7.222	22.227	29.449	1.473			1.1	19	07
09/03/24 05:30	13.927	18.158	32.084	1.546			1.0	355	12
09/03/24 05:35	32.278	27.154	59.432	1.577			0.7	2	20
09/03/24 05:40	30.627	26.856	57.484	1.565			0.9	342	21
09/03/24 05:45	46.804	29.588	76.392	1.643			0.2	332	62
09/03/24 05:50	59.047	29.632	88.680	1.749			0.6	347	20
09/03/24 05:55	60.450	27.257	87.707	1.813			0.7	2	16
09/03/24 06:00	58.353	27.905	86.258	1.826			1.2	0	18

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/03/24 06:05	56.282	28.241	84.523	1.806			1.4	4	09
09/03/24 06:10	54.770	25.375	80.145	1.805			1.3	19	07
09/03/24 06:15	49.415	19.944	69.359	1.789			1.3	23	06
09/03/24 06:20	33.689	22.825	56.514	1.776			1.5	10	06
09/03/24 06:25	29.438	23.657	53.095	1.788			1.3	22	08
09/03/24 06:30	36.801	21.071	57.872	1.806			1.3	29	05
09/03/24 06:35	38.623	26.716	65.339	1.743			1.1	37	06
09/03/24 06:40	31.924	27.216	59.140	1.734			1.1	41	07
09/03/24 06:45	30.681	26.173	56.854	1.733			0.9	43	08
09/03/24 06:50	29.016	25.502	54.518	1.748			0.6	46	13
09/03/24 06:55	26.352	25.371	51.723	1.810			0.3	17	34
09/03/24 07:00	22.376	26.056	48.432	1.839			0.2	112	45
09/03/24 07:05	21.057	26.095	47.152	1.814			0.3	95	25
09/03/24 07:10	20.619	25.776	46.394	1.820			0.5	115	23
09/03/24 07:15	19.532	25.086	44.618	1.792			0.6	101	09
09/03/24 07:20	16.954	24.844	41.798	1.803			0.5	95	16
09/03/24 07:25	14.772	24.528	39.300	1.795			0.1	170	55
09/03/24 07:30	14.517	23.671	38.188	1.782			0.4	118	29
09/03/24 07:35	14.512	23.567	38.079	1.753			0.6	230	30
09/03/24 07:40	14.363	23.701	38.063	1.777			0.3	220	31
09/03/24 07:45	14.282	23.697	37.979	1.816			0.4	182	37
09/03/24 07:50	14.178	23.588	37.767	1.810			0.8	223	12
09/03/24 07:55	14.165	23.560	37.725	1.869			0.6	209	09
09/03/24 08:00	13.734	23.263	36.997	1.810			0.4	205	15
09/03/24 08:05	13.364	22.902	36.266	1.916			0.5	144	34
09/03/24 08:10	13.207	22.912	36.119	1.970			0.5	126	20
09/03/24 08:15	13.066	23.086	36.152	2.059			0.7	201	15
09/03/24 08:20	12.984	23.083	36.067	2.029			0.6	192	13
09/03/24 08:25	12.848	23.090	35.938	1.966			0.6	174	31
09/03/24 08:30	12.610	23.064	35.674	1.876			1.0	143	13
09/03/24 08:35	12.129	22.898	35.027	1.818			1.0	139	09
09/03/24 08:40	11.789	22.509	34.297	1.753			0.6	140	27
09/03/24 08:45	11.214	22.076	33.290	1.713			0.7	163	41
09/03/24 08:50	10.850	21.602	32.452	1.633			0.6	146	36
09/03/24 08:55	10.393	21.137	31.531	1.609			0.7	158	41
09/03/24 09:00	9.805	20.843	30.648	1.616			0.5	165	71
09/03/24 09:05	8.539	18.367	26.907	1.563			3.1	348	35
09/03/24 09:10	4.627	5.941	10.567	1.604			4.2	5	27
09/03/24 09:15	1.234	7.233	8.467	1.557			5.5	1	25
09/03/24 09:20	1.234	6.690	7.924	1.580			5.1	11	26
09/03/24 09:25	1.540	6.230	7.770	1.528			6.0	9	21
09/03/24 09:30	1.544	6.037	7.582	1.505			5.7	8	23
09/03/24 09:35	1.425	5.740	7.165	1.419			5.3	7	20
09/03/24 09:40	1.408	5.721	7.129	1.329			4.8	353	27
09/03/24 09:45	1.291	5.795	7.086	1.400			4.0	350	32
09/03/24 09:50	1.271	5.862	7.133	1.463			4.5	10	25
09/03/24 09:55	1.258	5.800	7.059	1.389			4.4	3	24
09/03/24 10:00	1.324	5.832	7.156	1.433			4.0	357	29
09/03/24 10:05	1.310	5.926	7.236	1.431			2.2	323	30
09/03/24 10:10	1.459	5.968	7.427	1.456			3.5	339	34
09/03/24 10:15	1.386	5.508	6.894	1.411			3.9	356	33
09/03/24 10:20	1.326	5.378	6.704	1.341			4.8	0	24
09/03/24 10:25	1.321	5.295	6.616	1.311			4.5	3	27
09/03/24 10:30	1.269	5.131	6.399	1.222			3.5	354	29
09/03/24 10:35	1.154	5.207	6.361	1.154			3.9	0	27
09/03/24 10:40	1.122	5.308	6.430	1.131			4.3	356	31
09/03/24 10:45	1.197	5.600	6.797	1.105			4.5	356	25
09/03/24 10:50	1.022	5.756	6.778	1.061			5.2	16	19
09/03/24 10:55	0.867	5.563	6.430	1.004			5.0	1	19
09/03/24 11:00	0.933	5.395	6.328	1.069			4.6	1	23
09/03/24 11:05	0.978	5.095	6.073	1.153			5.8	8	21
09/03/24 11:10	0.921	4.891	5.812	1.083			4.3	356	26
09/03/24 11:15	0.818	4.853	5.671	1.036			3.4	342	35
09/03/24 11:20	0.836	4.595	5.431	1.084			3.9	8	27
09/03/24 11:25	0.901	4.688	5.589	1.097			3.3	3	33
09/03/24 11:30	1.053	4.766	5.819	1.078			4.4	4	24
09/03/24 11:35	1.105	4.715	5.821	1.151			4.4	348	30
09/03/24 11:40	1.114	4.645	5.758	1.173			3.6	321	27
09/03/24 11:45	0.924	4.651	5.575	1.140			2.7	337	36
09/03/24 11:50	0.778	4.837	5.615	1.192			3.6	358	31
09/03/24 11:55	0.853	4.903	5.756	1.292			3.7	353	32
09/03/24 12:00	0.807	4.761	5.567	1.247			2.4	348	34
09/03/24 12:05	0.732	4.733	5.465	1.142			3.3	308	32
09/03/24 12:10	0.638	4.453	5.091	1.043			4.7	335	25
09/03/24 12:15	0.651	4.059	4.709	0.984			4.8	342	29
09/03/24 12:20	0.806	4.274	5.080	0.934			3.9	5	31
09/03/24 12:25	0.831	4.389	5.220	0.980			4.6	7	23
09/03/24 12:30	0.837	4.470	5.307	1.166			4.6	356	26
09/03/24 12:35	0.943	4.486	5.429	1.130			5.5	6	20
09/03/24 12:40	0.835	4.290	5.124	1.072			2.9	335	31
09/03/24 12:45	0.827	4.235	5.062	1.071			5.2	12	21
09/03/24 12:50	0.706	4.064	4.770	1.075			4.8	16	20
09/03/24 12:55	0.589	4.005	4.594	1.077			2.9	2	38
09/03/24 13:00	0.521	3.921	4.442	1.139			4.0	8	29
09/03/24 13:05	0.516	4.002	4.518	1.145			4.7	5	23
09/03/24 13:10	0.443	3.951	4.394	1.128			3.9	6	29
09/03/24 13:15	0.465	3.854	4.320	1.160			4.2	1	26
09/03/24 13:20	0.459	3.841	4.301	1.172			4.2	357	29
09/03/24 13:25	0.564	4.186	4.750	1.161			4.3	13	19
09/03/24 13:30	0.577	4.046	4.622	1.151			3.6	6	23
09/03/24 13:35	0.606	3.993	4.598	1.089			4.8	1	24
09/03/24 13:40	0.582	4.011	4.593	1.059			4.0	1	26
09/03/24 13:45	0.629	4.028	4.658	0.977			3.8	3	33
09/03/24 13:50	0.580	4.015	4.595	0.992			4.8	16	22
09/03/24 13:55	0.484	3.826	4.310	1.052			3.7	354	32
09/03/24 14:00	0.492	3.808	4.299	1.028			3.0	2	38
09/03/24 14:05	0.489	3.763	4.252	0.911			3.7	12	21
09/03/24 14:10	0.428	3.824	4.252	0.854			3.9	329	33
09/03/24 14:15	0.472	3.943	4.415	0.810			3.0	5	31
09/03/24 14:20	0.495	4.160	4.655	0.925			5.1	16	19
09/03/24 14:25	0.477	3.974	4.451	0.943			5.6	14	15
09/03/24 14:30	0.450	3.699	4.149	0.978			3.2	8	34
09/03/24 14:35	0.509	3.795	4.303	1.034			3.3	328	37
09/03/24 14:40	0.537	4.061	4.598	1.102			3.9	3	31
09/03/24 14:45	0.569	4.010	4.579	1.080			3.5	8	27
09/03/24 14:50	0.493	3.942	4.434	1.048			3.8	7	23
09/03/24 14:55	0.422	3.906	4.328	1.034			3.1	348	36
09/03/24 15:00	0.343	3.833	4.176	1.126			3.4	329	30

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/03/24 15:05	0.412	3.894	4.306	1.210			2.8	335	37
09/03/24 15:10	0.456	3.907	4.363	1.216			2.8	324	32
09/03/24 15:15	0.506	4.018	4.523	1.214			3.5	1	31
09/03/24 15:20	0.580	4.090	4.670	1.147			3.6	356	29
09/03/24 15:25	0.648	4.060	4.708	1.054			2.0	346	38
09/03/24 15:30	0.687	4.378	5.065	0.940			2.6	358	40
09/03/24 15:35	0.633	4.633	5.266	0.966			4.3	355	24
09/03/24 15:40	0.659	4.537	5.196	1.000			3.5	6	27
09/03/24 15:45	0.555	4.461	5.017	0.880			4.4	16	15
09/03/24 15:50	0.504	4.285	4.788	0.954			3.7	18	20
09/03/24 15:55	0.552	4.102	4.654	0.886			2.6	12	27
09/03/24 16:00	0.623	4.494	5.117	0.988			2.4	340	36
09/03/24 16:05	0.760	4.908	5.668	1.058			3.0	11	23
09/03/24 16:10	0.710	4.849	5.559	1.074			2.6	315	28
09/03/24 16:15	0.692	4.729	5.421	1.095			4.5	308	12
09/03/24 16:20	0.638	4.277	4.915	1.038			3.2	347	28
09/03/24 16:25	0.645	4.443	5.088	0.942			2.5	12	24
09/03/24 16:30	0.647	4.836	5.482	0.954			4.3	11	21
09/03/24 16:35	0.665	5.055	5.719	0.937			3.3	2	26
09/03/24 16:40	0.750	5.058	5.807	0.903			3.4	360	28
09/03/24 16:45	0.800	5.103	5.903	0.846			3.7	327	29
09/03/24 16:50	0.781	5.114	5.895	0.841			4.0	358	25
09/03/24 16:55	0.753	4.909	5.662	0.825			2.8	351	33
09/03/24 17:00	0.789	4.892	5.681	0.876			1.9	352	36
09/03/24 17:05	0.846	5.303	6.149	0.924			2.8	2	26
09/03/24 17:10	0.784	5.264	6.047	0.926			3.2	12	23
09/03/24 17:15	0.667	5.137	5.804	0.812			3.3	7	28
09/03/24 17:20	0.592	5.041	5.634	0.867			2.4	357	27
09/03/24 17:25	0.605	5.058	5.663	0.854			3.2	349	32
09/03/24 17:30	0.615	4.751	5.366	0.960			2.3	321	28
09/03/24 17:35	0.639	4.898	5.537	1.039			1.8	349	43
09/03/24 17:40	0.621	5.255	5.876	1.074			2.2	352	38
09/03/24 17:45	0.582	5.555	6.137	1.124			3.0	358	31
09/03/24 17:50	0.583	5.742	6.325	1.168			3.1	11	21
09/03/24 17:55	0.571	6.017	6.588	1.136			2.9	356	24
09/03/24 18:00	0.663	6.315	6.978	1.134			2.9	10	24
09/03/24 18:05	0.574	6.584	7.158	1.105			1.5	7	38
09/03/24 18:10	0.579	7.342	7.921	1.116			2.5	8	21
09/03/24 18:15	0.477	7.513	7.990	1.170			3.4	6	23
09/03/24 18:20	0.532	7.150	7.682	1.197			3.7	22	13
09/03/24 18:25	0.568	6.551	7.119	1.197			3.7	22	23
09/03/24 18:30	0.589	6.050	6.640	1.180			3.5	22	18
09/03/24 18:35	0.535	5.807	6.341	1.154			3.0	29	17
09/03/24 18:40	0.553	5.657	6.210	1.085			3.5	18	17
09/03/24 18:45	0.548	5.635	6.183	1.037			2.1	10	23
09/03/24 18:50	0.587	5.841	6.428	1.016			4.0	14	17
09/03/24 18:55	0.544	6.074	6.618	0.996			3.1	18	20
09/03/24 19:00	0.538	6.422	6.960	0.932			2.6	16	23
09/03/24 19:05	0.727	6.877	7.604	0.859			2.2	22	26
09/03/24 19:10	0.783	7.525	8.308	0.804			3.0	18	17
09/03/24 19:15	0.206	6.322	6.528	0.814			2.0	15	23
09/03/24 19:20	0.332	7.021	7.353	0.956			2.5	25	15
09/03/24 19:25	0.414	6.472	6.886	1.063			2.2	23	22
09/03/24 19:30	0.384	6.374	6.758	1.009			2.4	21	22
09/03/24 19:35	0.413	6.319	6.732	0.990			2.3	21	26
09/03/24 19:40	0.420	6.264	6.684	0.967			3.2	20	17
09/03/24 19:45	0.446	6.514	6.960	0.954			2.2	19	25
09/03/24 19:50	0.389	6.905	7.293	0.957			2.0	22	23
09/03/24 19:55	0.391	7.052	7.442	0.980			2.9	26	18
09/03/24 20:00	0.555	7.776	8.331	0.921			2.2	22	23
09/03/24 20:05	1.003	10.349	11.352	0.837			2.4	26	18
09/03/24 20:10	0.857	8.316	9.173	0.848			2.6	21	18
09/03/24 20:15	0.941	8.560	9.501	0.852			2.5	22	17
09/03/24 20:20	0.817	8.346	9.163	0.737			2.6	19	17
09/03/24 20:25	0.789	8.411	9.200	0.824			3.2	19	17
09/03/24 20:30	0.896	8.765	9.661	0.881			2.5	20	22
09/03/24 20:35	0.850	9.391	10.241	1.094			2.7	21	21
09/03/24 20:40	0.852	9.186	10.037	1.199			3.2	15	21
09/03/24 20:45	1.048	9.663	10.711	1.208			2.7	23	17
09/03/24 20:50	0.990	9.923	10.913	1.238			3.6	22	14
09/03/24 20:55	0.960	9.756	10.716	1.346			2.0	22	23
09/03/24 21:00	1.328	10.373	11.702	1.513			2.6	15	19
09/03/24 21:05	1.457	8.531	9.988	1.715			3.0	20	23
09/03/24 21:10	1.237	7.930	9.166	1.724			2.7	18	16
09/03/24 21:15	1.098	8.214	9.312	1.713			2.6	13	24
09/03/24 21:20	1.042	8.849	9.891	1.592			2.4	19	22
09/03/24 21:25	1.411	11.586	12.997	1.516			3.7	19	15
09/03/24 21:30	1.976	9.780	11.756	1.516			2.7	20	19
09/03/24 21:35	2.056	9.656	11.712	1.539			2.8	23	18
09/03/24 21:40	1.444	9.312	10.756	1.571			3.0	15	19
09/03/24 21:45	1.298	8.655	9.953	1.550			2.8	22	19
09/03/24 21:50	1.585	12.136	13.721	1.499			2.8	21	17
09/03/24 21:55	1.506	7.246	8.752	1.472			2.8	24	13
09/03/24 22:00	1.519	8.793	10.312	1.457			2.6	28	17
09/03/24 22:05	1.621	10.133	11.754	1.442			2.6	29	17
09/03/24 22:10	1.405	8.329	9.734	1.336			2.7	28	20
09/03/24 22:15	1.241	7.506	8.747	1.383			2.7	22	18
09/03/24 22:20	1.281	7.931	9.212	1.438			2.6	22	22
09/03/24 22:25	1.308	10.408	11.716	1.387			2.6	21	18
09/03/24 22:30	1.337	7.859	9.195	1.309			2.2	18	24
09/03/24 22:35	1.588	9.278	10.865	1.247			1.9	27	25
09/03/24 22:40	1.328	8.420	9.748	1.205			2.1	23	22
09/03/24 22:45	0.774	7.302	8.075	1.324			2.4	22	21
09/03/24 22:50	0.602	6.932	7.534	1.374			2.3	26	24
09/03/24 22:55	0.697	7.145	7.842	1.299			3.0	24	13
09/03/24 23:00	0.816	7.291	8.108	1.268			2.0	24	20
09/03/24 23:05	0.716	7.299	8.015	1.226			2.6	26	15
09/03/24 23:10	0.694	7.391	8.084	1.119			2.5	20	16
09/03/24 23:15	0.621	7.224	7.844	1.108			2.0	18	23
09/03/24 23:20	0.595	7.013	7.608	1.134			2.3	18	20
09/03/24 23:25	1.005	7.670	8.675	1.201			1.9	28	19
09/03/24 23:30	1.417	8.320	9.737	1.078			2.2	25	15
09/03/24 23:35	1.298	7.974	9.272	1.016			2.5	18	16
09/03/24 23:40	1.201	7.469	8.671	1.070			2.7	23	18
09/03/24 23:45	1.284	7.975	9.259	1.164			3.0	26	17
09/03/24 23:50	1.410	5.807	7.217				2.6	22	15
09/03/24 23:55	1.233	5.331	6.564				3.1	24	15
10/03/24 00:00	0.928	4.371	5.298	1.168			3.1	27	17

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/03/24 00:05	0.855	4.473	5.328	1.126			3.1	22	17
10/03/24 00:10	0.724	4.647	5.371	1.102			3.1	24	21
10/03/24 00:15	0.707	4.756	5.463	1.084			2.6	20	18
10/03/24 00:20	0.880	5.567	6.447	1.097			2.8	21	15
10/03/24 00:25	0.706	4.746	5.452	1.194			2.5	13	22
10/03/24 00:30	0.820	5.393	6.213	1.163			2.8	23	23
10/03/24 00:35	1.173	6.254	7.428	1.081			3.0	28	15
10/03/24 00:40	1.364	6.353	7.717	1.022			2.9	18	19
10/03/24 00:45	1.024	3.962	4.986	0.933			2.8	27	16
10/03/24 00:50	0.748	3.254	4.003	0.856			3.3	24	15
10/03/24 00:55	0.615	3.159	3.774	0.846			2.9	19	19
10/03/24 01:00	0.550	3.170	3.719	0.902			2.4	24	18
10/03/24 01:05							2.5	13	19
10/03/24 01:10							2.1	17	18
10/03/24 01:15							2.4	10	19
10/03/24 01:20							1.8	7	30
10/03/24 01:25							1.3	4	27
10/03/24 01:30							1.6	9	22
10/03/24 01:35							2.0	10	21
10/03/24 01:40							1.5	9	26
10/03/24 01:45							1.3	8	36
10/03/24 01:50							1.1	358	34
10/03/24 01:55							1.6	18	20
10/03/24 02:00							1.4	13	26
10/03/24 02:05	0.382	3.535	3.917	0.847			2.3	20	18
10/03/24 02:10	0.298	3.427	3.725	0.891			2.4	18	18
10/03/24 02:15	0.178	3.261	3.439	0.882			2.9	15	19
10/03/24 02:20	0.101	3.074	3.175	0.924			2.2	9	21
10/03/24 02:25	0.076	2.943	3.019	0.918			2.2	16	21
10/03/24 02:30	0.027	2.881	2.908	0.933			2.0	10	18
10/03/24 02:35	0.090	2.838	2.928	0.885			2.0	14	27
10/03/24 02:40	0.095	2.783	2.878	0.836			1.7	354	25
10/03/24 02:45	-0.087	2.776	2.689	0.809			1.8	12	21
10/03/24 02:50	-0.132	2.868	2.737	0.768			1.8	18	18
10/03/24 02:55	-0.076	2.915	2.838	0.736			2.4	10	28
10/03/24 03:00	-0.158	3.110	2.952	0.772			1.9	23	28
10/03/24 03:05	-0.090	3.269	3.179	0.858			2.1	15	24
10/03/24 03:10	-0.082	3.231	3.149	0.851			2.0	8	27
10/03/24 03:15	-0.066	3.133	3.067	0.786			2.8	19	21
10/03/24 03:20	-0.064	3.039	2.976	0.883			2.6	21	20
10/03/24 03:25	-0.238	2.995	2.757	0.918			3.1	15	18
10/03/24 03:30	-0.288	2.886	2.598	1.012			3.6	18	17
10/03/24 03:35	-0.393	2.829	2.437	1.027			3.5	11	20
10/03/24 03:40	-0.308	2.742	2.434	0.966			3.5	5	28
10/03/24 03:45	-0.269	2.575	2.306	0.846			3.1	6	19
10/03/24 03:50	-0.211	2.499	2.289	0.827			2.8	4	24
10/03/24 03:55	-0.156	2.400	2.244	0.830			2.2	7	28
10/03/24 04:00	-0.029	2.323	2.294	0.877			2.4	356	33
10/03/24 04:05	0.135	2.354	2.489	0.934			3.9	3	16
10/03/24 04:10	0.094	2.378	2.472	0.937			2.9	3	24
10/03/24 04:15	0.052	2.459	2.512	0.895			2.9	4	29
10/03/24 04:20	0.091	2.507	2.597	0.851			2.7	6	22
10/03/24 04:25	0.100	2.524	2.623	0.738			1.6	341	38
10/03/24 04:30	0.222	2.664	2.886	0.721			1.2	351	37
10/03/24 04:35	0.293	3.085	3.379	0.734			1.6	358	32
10/03/24 04:40	0.491	4.032	4.523	0.644			2.0	7	24
10/03/24 04:45	0.661	5.501	6.162	0.538			1.3	18	29
10/03/24 04:50	0.736	6.291	7.027	0.567			1.1	22	28
10/03/24 04:55	1.252	14.914	16.166	0.619			1.0	22	29
10/03/24 05:00	4.233	16.000	20.233	0.597			1.6	22	25
10/03/24 05:05	11.181	18.653	29.833	0.554			2.5	29	14
10/03/24 05:10	27.686	33.516	61.202	0.483			2.0	30	17
10/03/24 05:15	12.028	15.263	27.291	0.441			2.2	29	17
10/03/24 05:20	0.668	4.397	5.065	0.456			2.7	29	15
10/03/24 05:25	0.457	3.884	4.340	0.481			3.0	11	19
10/03/24 05:30	0.699	4.473	5.172	0.426			2.7	28	16
10/03/24 05:35	0.468	3.507	3.975	0.505			2.8	11	28
10/03/24 05:40	0.368	3.200	3.569	0.517			2.5	21	18
10/03/24 05:45	0.308	3.422	3.730	0.457			2.6	11	26
10/03/24 05:50	0.327	3.397	3.724	0.344			2.5	13	19
10/03/24 05:55	0.313	3.544	3.857	0.462			2.1	2	20
10/03/24 06:00	0.186	3.668	3.854	0.471			2.5	0	20
10/03/24 06:05	0.277	4.008	4.285	0.519			2.5	6	24
10/03/24 06:10	0.202	4.644	4.846	0.499			2.3	12	20
10/03/24 06:15	0.115	4.761	4.876	0.418			2.4	14	24
10/03/24 06:20	0.123	4.838	4.960	0.385			2.8	22	18
10/03/24 06:25	0.378	4.982	5.360	0.378			3.2	16	19
10/03/24 06:30	0.709	5.536	6.245	0.353			3.0	23	18
10/03/24 06:35	0.746	4.877	5.623	0.285			3.0	16	19
10/03/24 06:40	0.843	4.497	5.341	0.292			3.6	14	17
10/03/24 06:45	0.754	4.572	5.327	0.223			3.5	12	26
10/03/24 06:50	0.674	4.273	4.947	0.275			3.2	11	25
10/03/24 06:55	0.592	4.111	4.703	0.309			3.2	7	18
10/03/24 07:00	0.651	4.417	5.068	0.263			3.2	7	22
10/03/24 07:05	0.670	4.363	5.033	0.329			3.2	359	19
10/03/24 07:10	0.527	4.063	4.589	0.276			3.4	359	22
10/03/24 07:15	0.472	3.932	4.404	0.335			3.4	9	22
10/03/24 07:20	0.547	3.930	4.476	0.278			4.5	8	18
10/03/24 07:25	0.946	4.362	5.308	0.327			3.6	8	23
10/03/24 07:30	1.500	3.817	5.318	0.272			3.3	9	21
10/03/24 07:35	3.368	7.012	10.379	0.280			3.8	1	23
10/03/24 07:40	2.376	5.387	7.764	0.299			4.4	9	25
10/03/24 07:45	2.599	4.811	7.410	0.277			3.8	3	23
10/03/24 07:50	3.843	7.374	11.216	0.259			4.2	11	21
10/03/24 07:55	13.286	12.983	26.269	0.305			3.8	11	22
10/03/24 08:00	9.528	9.973	19.502	0.333			4.9	13	17
10/03/24 08:05	9.463	12.189	21.653	0.322			4.1	16	18
10/03/24 08:10	9.416	11.754	21.170	0.344			4.2	13	17
10/03/24 08:15	9.728	9.096	18.824	0.332			4.2	15	20
10/03/24 08:20	11.896	11.238	23.135	0.377			3.3	21	27
10/03/24 08:25	5.311	7.281	12.592	0.345			4.7	23	14
10/03/24 08:30	9.624	10.829	20.453	0.272			4.7	23	13
10/03/24 08:35	9.380	10.356	19.736	0.277			4.2	26	15
10/03/24 08:40	5.924	8.956	14.879	0.351			3.5	15	23
10/03/24 08:45	3.581	8.279	11.860	0.364			3.6	12	22
10/03/24 08:50	2.560	4.422	6.982	0.431			4.5	12	22
10/03/24 08:55	5.035	4.042	9.076	0.321			4.1	3	16
10/03/24 09:00	8.976	15.823	24.799	0.333			2.9	14	20

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/03/24 09:05	8.619	9.276	17.895	0.322			4.4	1	21
10/03/24 09:10	3.475	6.999	10.474	0.333			3.4	3	27
10/03/24 09:15	4.990	9.147	14.136	0.341			2.7	6	27
10/03/24 09:20	5.641	7.308	12.949	0.366			5.3	5	16
10/03/24 09:25	10.442	5.991	16.434	0.349			4.0	9	27
10/03/24 09:30	30.349	29.510	59.859	0.442			4.0	9	27
10/03/24 09:35	3.256	6.071	9.327	0.516			4.3	2	23
10/03/24 09:40	4.265	11.071	15.336	0.431			3.8	10	23
10/03/24 09:45	6.252	10.298	16.550	0.377			4.8	6	22
10/03/24 09:50	3.137	7.319	10.456	0.333			5.0	15	18
10/03/24 09:55	3.341	5.824	9.166	0.321			4.1	5	22
10/03/24 10:00	4.379	7.874	12.254	0.324			3.7	1	26
10/03/24 10:05	4.179	7.273	11.452	0.339			3.8	354	26
10/03/24 10:10	3.852	5.920	9.772	0.439			4.0	5	22
10/03/24 10:15	2.964	5.112	8.076	0.453			4.6	1	20
10/03/24 10:20	1.568	5.276	6.844	0.440			4.3	13	24
10/03/24 10:25	1.979	5.483	7.462	0.375			4.0	14	32
10/03/24 10:30	1.857	4.524	6.380	0.335			4.2	16	21
10/03/24 10:35	1.655	4.072	5.727	0.367			3.6	14	25
10/03/24 10:40	1.560	4.358	5.918	0.430			2.8	350	35
10/03/24 10:45	1.279	4.016	5.295	0.356			3.2	4	27
10/03/24 10:50	1.448	4.384	5.832	0.331			4.0	13	22
10/03/24 10:55	2.130	5.277	7.407	0.437			5.0	9	20
10/03/24 11:00	1.736	4.701	6.437	0.404			4.8	10	18
10/03/24 11:05	1.689	3.948	5.637	0.391			3.6	7	20
10/03/24 11:10	1.575	6.235	7.810	0.292			4.8	9	23
10/03/24 11:15	1.919	5.535	7.454	0.247			3.5	11	22
10/03/24 11:20	2.032	5.615	7.647	0.282			4.8	12	19
10/03/24 11:25	2.160	5.477	7.637	0.272			4.8	16	21
10/03/24 11:30	2.376	4.464	6.840	0.263			3.3	8	28
10/03/24 11:35	2.497	5.680	8.177	0.265			4.1	18	21
10/03/24 11:40	2.354	3.829	6.182	0.252			4.2	11	23
10/03/24 11:45	2.287	4.374	6.661	0.232			4.1	9	21
10/03/24 11:50	2.457	4.620	7.077	0.110			3.2	10	32
10/03/24 11:55	2.448	5.130	7.579	0.114			3.5	4	31
10/03/24 12:00	2.332	5.710	8.042	0.113			5.1	11	14
10/03/24 12:05	2.154	5.669	7.823	0.123			3.2	11	34
10/03/24 12:10	2.092	5.413	7.506	0.135			3.5	2	28
10/03/24 12:15	1.870	4.581	6.451	0.222			4.1	11	22
10/03/24 12:20	1.867	4.638	6.505	0.204			4.5	28	18
10/03/24 12:25	2.076	4.748	6.825	0.098			4.8	15	22
10/03/24 12:30	2.409	4.776	7.185	0.169			3.9	1	22
10/03/24 12:35	2.196	4.340	6.536	0.177			3.3	3	26
10/03/24 12:40	1.808	3.698	5.506	0.179			4.1	12	20
10/03/24 12:45	1.739	4.191	5.930	0.265			3.7	358	22
10/03/24 12:50	1.735	4.304	6.038	0.315			2.5	350	44
10/03/24 12:55	1.593	3.651	5.244	0.307			3.7	314	23
10/03/24 13:00	1.363	3.143	4.507	0.353			2.4	311	35
10/03/24 13:05	1.151	2.912	4.063	0.309			3.7	304	20
10/03/24 13:10	0.972	2.799	3.770	0.276			3.8	316	33
10/03/24 13:15	0.874	3.271	4.145	0.314			4.3	5	24
10/03/24 13:20	0.665	2.898	3.563	0.325			3.9	19	22
10/03/24 13:25	0.724	3.187	3.912	0.458			2.5	1	35
10/03/24 13:30	0.788	3.148	3.936	0.402			3.6	3	31
10/03/24 13:35	0.886	3.367	4.253	0.398			1.8	354	42
10/03/24 13:40	1.039	3.704	4.744	0.496			3.0	352	36
10/03/24 13:45	1.070	3.511	4.581	0.475			3.1	359	30
10/03/24 13:50	1.526	3.630	5.157	0.460			4.0	6	23
10/03/24 13:55	1.452	3.612	5.064	0.390			2.9	19	27
10/03/24 14:00	1.261	3.409	4.670	0.329			3.4	310	17
10/03/24 14:05	1.068	3.281	4.348	0.393			2.7	332	44
10/03/24 14:10	1.036	3.355	4.390	0.397			2.9	8	33
10/03/24 14:15	0.937	3.056	3.993	0.317			3.8	11	26
10/03/24 14:20	0.840	3.007	3.848	0.260			2.6	320	44
10/03/24 14:25	0.764	2.947	3.711	0.271			2.6	341	38
10/03/24 14:30	0.747	2.966	3.713	0.290			2.7	327	39
10/03/24 14:35	0.694	3.028	3.722	0.361			3.5	300	17
10/03/24 14:40	0.682	2.980	3.662	0.307			3.2	304	17
10/03/24 14:45	0.708	3.402	4.110	0.275			2.3	329	35
10/03/24 14:50	0.754	3.686	4.440	0.374			2.7	351	30
10/03/24 14:55	0.718	3.871	4.589	0.456			2.7	334	38
10/03/24 15:00	0.612	3.549	4.161	0.388			3.5	308	13
10/03/24 15:05	0.508	3.357	3.865	0.486			2.5	345	37
10/03/24 15:10	0.516	3.229	3.745	0.455			1.7	335	47
10/03/24 15:15	0.452	3.275	3.727	0.463			0.8	321	60
10/03/24 15:20	0.383	3.397	3.780	0.404			2.4	332	35
10/03/24 15:25	0.272	3.443	3.715	0.448			3.1	300	16
10/03/24 15:30	0.193	3.382	3.575	0.602			2.6	311	18
10/03/24 15:35	0.224	3.061	3.286	0.500			2.2	4	34
10/03/24 15:40	0.186	3.172	3.358	0.431			1.9	324	29
10/03/24 15:45	0.289	3.098	3.387	0.312			2.0	324	32
10/03/24 15:50	0.355	3.061	3.416	0.292			1.9	326	23
10/03/24 15:55	0.306	2.950	3.256	0.323			2.4	351	32
10/03/24 16:00	0.541	3.405	3.947	0.351			1.4	331	41
10/03/24 16:05	0.386	3.484	3.870	0.312			2.2	333	33
10/03/24 16:10	0.400	3.426	3.826	0.253			1.9	313	24
10/03/24 16:15	0.453	3.547	4.000	0.325			1.7	357	41
10/03/24 16:20	0.514	3.841	4.355	0.392			2.3	356	29
10/03/24 16:25	0.461	3.804	4.265	0.396			1.9	9	34
10/03/24 16:30	0.514	3.765	4.279	0.420			3.0	13	15
10/03/24 16:35	0.681	4.274	4.955	0.498			2.4	17	16
10/03/24 16:40	0.734	4.401	5.135	0.534			2.5	26	21
10/03/24 16:45	0.652	4.062	4.714	0.550			2.9	33	16
10/03/24 16:50	0.544	3.902	4.446	0.550			3.0	19	16
10/03/24 16:55	0.481	3.938	4.419	0.515			1.7	359	30
10/03/24 17:00	0.494	3.729	4.223	0.550			1.2	313	38
10/03/24 17:05	0.500	3.517	4.017	0.501			2.3	31	24
10/03/24 17:10	0.461	3.712	4.172	0.453			3.2	40	11
10/03/24 17:15	0.564	3.859	4.422	0.470			2.3	6	35
10/03/24 17:20	0.542	3.993	4.534	0.336			2.4	7	20
10/03/24 17:25	0.536	3.999	4.535	0.290			2.6	24	19
10/03/24 17:30	0.500	4.079	4.579	0.297			2.6	37	15
10/03/24 17:35	0.574	4.438	5.013	0.237			1.9	26	22
10/03/24 17:40	0.588	4.714	5.303	0.177			2.8	38	17
10/03/24 17:45	0.530	4.746	5.276	0.257			2.9	44	13
10/03/24 17:50	0.362	4.879	5.241	0.356			2.3	44	12
10/03/24 17:55	0.325	4.981	5.305	0.328			2.2	35	20
10/03/24 18:00	0.489	5.871	6.360	0.336			2.0	45	17

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/03/24 18:05	0.435	6.938	7.373	0.307			2.5	38	13
10/03/24 18:10	0.664	8.278	8.943	0.268			2.7	36	17
10/03/24 18:15	0.722	9.201	9.923	0.231			2.4	29	20
10/03/24 18:20	0.819	10.072	10.891	0.199			2.0	36	13
10/03/24 18:25	0.859	11.411	12.270	0.094			1.9	40	15
10/03/24 18:30	0.763	11.701	12.463	0.184			1.7	40	20
10/03/24 18:35	0.713	11.714	12.427	0.366			2.0	46	15
10/03/24 18:40	0.783	12.141	12.924	0.466			1.9	47	11
10/03/24 18:45	0.699	11.958	12.657	0.454			2.2	43	14
10/03/24 18:50	6.196	20.608	26.804	0.521			2.2	32	14
10/03/24 18:55	0.548	13.133	13.680	0.508			1.9	43	21
10/03/24 19:00	0.626	13.928	14.555	0.543			1.9	37	17
10/03/24 19:05	0.780	15.338	16.118	0.493			1.6	38	17
10/03/24 19:10	1.171	17.325	18.496	0.564			1.2	32	22
10/03/24 19:15	1.459	17.918	19.377	0.573			1.6	34	13
10/03/24 19:20	1.515	19.719	21.233	0.566			1.7	35	15
10/03/24 19:25	2.281	23.268	25.549	0.566			1.8	36	14
10/03/24 19:30	2.465	22.603	25.068	0.638			1.3	36	14
10/03/24 19:35	2.544	22.410	24.954	0.677			1.8	36	16
10/03/24 19:40	1.213	21.119	22.332	0.740			1.8	31	14
10/03/24 19:45	1.684	19.066	20.750	0.732			1.8	29	15
10/03/24 19:50	2.019	15.993	18.013	0.692			2.0	28	17
10/03/24 19:55	1.072	12.330	13.402	0.659			2.2	32	18
10/03/24 20:00	1.078	12.381	13.459	0.680			2.6	31	17
10/03/24 20:05	1.321	12.380	13.701	0.671			2.8	37	16
10/03/24 20:10	1.221	11.229	12.450	0.595			2.8	30	12
10/03/24 20:15	1.177	11.247	12.424	0.629			2.3	32	19
10/03/24 20:20	1.110	11.430	12.539	0.662			2.3	27	16
10/03/24 20:25	1.017	11.900	12.917	0.731			1.9	29	19
10/03/24 20:30	1.126	12.557	13.683	0.703			1.7	23	23
10/03/24 20:35	1.144	12.807	13.951	0.719			2.4	19	13
10/03/24 20:40	1.007	11.615	12.623	0.703			2.1	10	21
10/03/24 20:45	1.249	12.236	13.485	0.681			2.7	15	16
10/03/24 20:50	1.395	12.701	14.096	0.649			2.2	7	16
10/03/24 20:55	1.420	14.305	15.725	0.596			1.5	11	20
10/03/24 21:00	1.463	13.369	14.832	0.572			1.7	353	24
10/03/24 21:05	1.202	10.794	11.996	0.533			3.8	214	15
10/03/24 21:10	1.019	9.830	10.849	0.494			3.4	205	09
10/03/24 21:15	2.048	25.241	27.289	0.462			2.8	217	08
10/03/24 21:20	4.129	16.847	20.976	0.524			3.4	227	07
10/03/24 21:25	1.571	8.310	9.881	0.602			3.2	223	08
10/03/24 21:30	0.893	5.343	6.236	0.675			2.6	229	07
10/03/24 21:35	0.732	5.205	5.937	0.673			2.2	232	07
10/03/24 21:40	0.589	7.170	7.759	0.615			2.5	220	06
10/03/24 21:45	19.287	5.106	24.394	0.598			2.0	217	12
10/03/24 21:50	52.288	27.387	79.675	0.692			1.1	198	24
10/03/24 21:55	42.914	24.022	66.936	0.773			1.0	192	30
10/03/24 22:00	1.821	6.991	8.812	0.779			1.2	144	17
10/03/24 22:05	0.185	5.025	5.209	0.769			0.8	176	29
10/03/24 22:10	0.365	5.138	5.504	0.722			1.3	112	18
10/03/24 22:15	0.313	4.751	5.064	0.578			1.0	128	17
10/03/24 22:20	0.559	4.747	5.306	0.583			1.1	130	18
10/03/24 22:25	1.197	3.976	5.173	0.594			1.3	131	21
10/03/24 22:30	0.480	3.581	4.061	0.583			1.4	179	16
10/03/24 22:35	1.249	6.249	7.498	0.635			2.4	196	06
10/03/24 22:40	0.757	6.051	6.808	0.586			1.2	176	20
10/03/24 22:45	0.496	6.162	6.658	0.488			1.7	202	07
10/03/24 22:50	0.272	6.034	6.306	0.474			1.7	200	06
10/03/24 22:55	0.188	5.983	6.171	0.507			1.5	197	08
10/03/24 23:00	0.179	6.182	6.360	0.567			1.4	205	06
10/03/24 23:05	0.246	5.669	5.915	0.652			1.2	196	19
10/03/24 23:10	0.155	5.040	5.196	0.618			1.5	213	03
10/03/24 23:15	0.108	4.727	4.835	0.640			1.0	199	08
10/03/24 23:20	0.080	4.712	4.792	0.643			1.7	207	05
10/03/24 23:25	0.046	4.743	4.789	0.585			1.9	206	05
10/03/24 23:30	-0.053	4.674	4.621	0.563			2.2	214	02
10/03/24 23:35	0.111	4.383	4.494	0.531			2.5	217	03
10/03/24 23:40	0.220	4.191	4.411	0.557			2.2	223	02
10/03/24 23:45	0.230	3.978	4.208	0.635			1.8	215	04
10/03/24 23:50	0.178	3.806	3.984				1.5	203	05
10/03/24 23:55	0.214	4.368	4.582				1.9	197	03
11/03/24 00:00	0.230	4.347	4.576	0.673			2.0	206	07
11/03/24 00:05	0.249	3.790	4.039	0.621			2.2	217	02
11/03/24 00:10	0.159	3.550	3.710	0.597			2.4	226	03
11/03/24 00:15	0.110	3.333	3.443	0.554			2.1	219	03
11/03/24 00:20	0.058	3.238	3.296	0.429			2.3	226	04
11/03/24 00:25	-0.017	3.231	3.214	0.451			1.9	232	04
11/03/24 00:30	0.001	3.293	3.295	0.461			1.2	245	06
11/03/24 00:35	-0.055	3.586	3.531	0.520			1.1	250	14
11/03/24 00:40	-0.060	4.431	4.371	0.548			0.8	267	08
11/03/24 00:45	-0.056	5.542	5.486	0.538			0.8	245	13
11/03/24 00:50	0.014	6.410	6.425	0.551			0.8	221	06
11/03/24 00:55	0.117	7.722	7.839	0.528			1.2	222	05
11/03/24 01:00	0.535	13.541	14.077	0.493			1.7	214	03
11/03/24 01:05							1.6	229	07
11/03/24 01:10							0.9	246	08
11/03/24 01:15							0.9	234	09
11/03/24 01:20							1.0	230	04
11/03/24 01:25							1.1	239	10
11/03/24 01:30							0.7	259	06
11/03/24 01:35							0.3	300	32
11/03/24 01:40							0.7	312	14
11/03/24 01:45							1.0	303	15
11/03/24 01:50							0.9	307	13
11/03/24 01:55							1.0	308	17
11/03/24 02:00							1.5	311	07
11/03/24 02:05	0.500	13.854	14.353	0.493			1.2	311	13
11/03/24 02:10	0.608	15.005	15.613	0.534			1.1	310	12
11/03/24 02:15	0.733	17.301	18.034	0.514			0.5	329	24
11/03/24 02:20	0.770	18.863	19.633	0.505			0.4	273	30
11/03/24 02:25	0.691	19.337	20.028	0.553			0.7	284	20
11/03/24 02:30	0.527	19.123	19.651	0.563			0.6	265	19
11/03/24 02:35	0.402	18.134	18.537	0.582			0.7	292	16
11/03/24 02:40	0.327	16.901	17.228	0.602			0.6	278	14
11/03/24 02:45	0.193	15.781	15.974	0.574			0.8	303	15
11/03/24 02:50	0.246	15.388	15.634	0.643			0.8	308	18
11/03/24 02:55	0.296	15.450	15.746	0.581			0.7	309	19
11/03/24 03:00	0.247	15.427	15.674	0.586			0.6	287	18

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/03/24 03:05	0.259	15.540	15.799	0.547			0.8	262	11
11/03/24 03:10	0.281	15.646	15.927	0.499			1.1	263	08
11/03/24 03:15	0.168	15.874	16.043	0.486			1.4	268	03
11/03/24 03:20	0.015	15.730	15.745	0.591			1.2	274	08
11/03/24 03:25	0.015	15.256	15.271	0.651			0.5	294	17
11/03/24 03:30	-0.059	15.096	15.037	0.722			0.5	281	13
11/03/24 03:35	0.048	15.209	15.257	0.770			0.3	251	23
11/03/24 03:40	0.122	15.356	15.478	0.808			0.4	216	08
11/03/24 03:45	0.170	15.452	15.623	0.804			0.9	224	05
11/03/24 03:50	0.199	15.557	15.756	0.806			0.7	233	12
11/03/24 03:55	0.228	15.517	15.744	0.884			0.8	210	09
11/03/24 04:00	0.233	15.940	16.173	0.939			1.0	157	30
11/03/24 04:05	0.249	14.901	15.149	0.964			0.8	127	22
11/03/24 04:10	0.077	12.612	12.689	0.959			0.7	119	17
11/03/24 04:15	-0.042	9.980	9.938	0.892			1.0	116	16
11/03/24 04:20	0.053	6.925	6.978	0.809			0.6	119	26
11/03/24 04:25	0.124	6.598	6.723	0.802			0.9	135	20
11/03/24 04:30	0.070	6.285	6.355	0.862			1.2	145	14
11/03/24 04:35	0.081	5.980	6.061	0.862			0.8	138	19
11/03/24 04:40	0.013	5.923	5.936	0.834			0.9	124	18
11/03/24 04:45	-0.069	5.792	5.723	0.915			0.8	118	12
11/03/24 04:50	-0.205	5.692	5.486	0.925			1.0	110	12
11/03/24 04:55	-0.218	5.663	5.446	0.896			1.3	98	05
11/03/24 05:00	1.154	5.934	7.088	0.850			1.0	109	11
11/03/24 05:05	0.197	5.285	5.481	0.833			1.1	106	06
11/03/24 05:10	-0.139	5.614	5.475	0.731			0.9	110	09
11/03/24 05:15	-0.159	5.611	5.452	0.587			0.5	102	17
11/03/24 05:20	-0.105	5.606	5.501	0.649			0.5	180	35
11/03/24 05:25	-0.022	5.629	5.607	0.741			0.4	161	33
11/03/24 05:30	0.021	5.632	5.653	0.735			0.4	93	43
11/03/24 05:35	0.021	5.620	5.642	0.706			0.6	69	14
11/03/24 05:40	0.029	5.670	5.699	0.658			0.8	41	14
11/03/24 05:45	0.203	6.406	6.609	0.626			0.7	16	18
11/03/24 05:50	0.248	7.266	7.514	0.625			0.3	343	41
11/03/24 05:55	0.144	8.027	8.171	0.574			0.4	282	26
11/03/24 06:00	0.155	8.615	8.770	0.587			0.1	194	60
11/03/24 06:05	0.194	9.235	9.430	0.654			0.7	75	10
11/03/24 06:10	0.376	10.216	10.592	0.653			1.0	54	08
11/03/24 06:15	1.437	14.573	16.011	0.691			0.7	44	11
11/03/24 06:20	2.002	18.314	20.316	0.715			0.9	36	09
11/03/24 06:25	2.427	18.578	21.005	0.671			0.7	30	13
11/03/24 06:30	2.533	17.983	20.516	0.773			0.7	29	18
11/03/24 06:35	2.485	18.030	20.515	0.842			1.3	5	17
11/03/24 06:40	2.254	17.643	19.897	0.861			1.6	10	24
11/03/24 06:45	1.938	16.293	18.231	0.856			2.0	7	23
11/03/24 06:50	1.634	11.128	12.761	0.853			2.0	2	25
11/03/24 06:55	1.300	10.061	11.361	0.790			2.0	4	17
11/03/24 07:00	1.458	10.963	12.421	0.713			2.1	5	24
11/03/24 07:05	1.487	11.269	12.756	0.784			1.6	11	20
11/03/24 07:10	1.457	12.029	13.486	0.803			1.3	17	29
11/03/24 07:15	1.219	12.100	13.318	0.761			2.0	12	18
11/03/24 07:20	1.084	11.979	13.063	0.861			1.6	8	19
11/03/24 07:25	1.146	12.330	13.476	0.852			1.6	16	18
11/03/24 07:30	1.218	12.579	13.798	0.962			1.7	10	21
11/03/24 07:35	1.355	12.925	14.280	0.997			2.3	11	18
11/03/24 07:40	1.522	13.488	15.010	1.040			1.9	14	18
11/03/24 07:45	1.744	13.882	15.626	1.001			2.0	10	18
11/03/24 07:50	1.845	13.829	15.674	0.986			2.1	6	20
11/03/24 07:55	1.907	13.436	15.343	1.060			2.0	8	18
11/03/24 08:00	1.867	13.073	14.940	1.062			1.9	6	31
11/03/24 08:05	1.769	12.756	14.525	1.023			2.3	7	20
11/03/24 08:10	1.730	12.501	14.230	1.009			2.4	9	20
11/03/24 08:15	1.890	12.118	14.007	1.059			2.4	12	23
11/03/24 08:20	1.977	11.760	13.736	1.101			3.0	18	16
11/03/24 08:25	1.992	11.287	13.279	1.134			1.9	14	27
11/03/24 08:30	1.920	10.923	12.842	1.027			2.5	12	19
11/03/24 08:35	1.948	10.963	12.911	0.905			2.4	10	26
11/03/24 08:40	2.519	11.548	14.068	0.832			3.4	6	15
11/03/24 08:45	2.649	11.200	13.850	0.716			3.3	11	18
11/03/24 08:50	2.456	8.084	10.540	0.712			3.2	3	24
11/03/24 08:55	2.181	6.447	8.628	0.708			3.5	7	19
11/03/24 09:00	2.025	6.188	8.213	0.789			4.2	6	18
11/03/24 09:05	1.934	5.996	7.930	0.704			3.4	1	24
11/03/24 09:10	1.687	5.884	7.570	0.703			2.9	2	27
11/03/24 09:15	1.476	5.988	7.465	0.629			3.5	10	17
11/03/24 09:20	1.455	6.178	7.633	0.593			3.2	7	19
11/03/24 09:25	1.850	6.876	8.726	0.628			3.7	9	17
11/03/24 09:30	1.916	7.103	9.019	0.562			3.4	7	19
11/03/24 09:35	2.667	9.246	11.913	0.643			3.4	9	20
11/03/24 09:40	3.497	7.415	10.912	0.639			2.9	10	21
11/03/24 09:45	3.289	6.992	10.281	0.611			3.1	1	22
11/03/24 09:50	2.431	7.021	9.451	0.650			3.6	10	21
11/03/24 09:55	1.865	7.461	9.326	0.667			3.8	22	17
11/03/24 10:00	1.961	7.391	9.352	0.524			3.2	28	15
11/03/24 10:05	2.928	11.645	14.572	0.499			2.4	29	16
11/03/24 10:10	1.939	6.790	8.729	0.516			2.1	15	24
11/03/24 10:15	1.591	6.622	8.213	0.555			1.9	15	23
11/03/24 10:20	2.752	5.739	8.490	0.622			3.0	19	26
11/03/24 10:25	1.995	6.282	8.277	0.690			2.7	18	24
11/03/24 10:30	2.737	8.080	10.816	0.677			3.8	16	14
11/03/24 10:35	2.695	6.299	8.994	0.693			3.4	23	22
11/03/24 10:40				0.736			3.5	27	16
11/03/24 10:45	2.348	5.594	7.943	0.708			3.8	5	19
11/03/24 10:50	2.182	5.268	7.450	0.752			3.6	30	17
11/03/24 10:55	1.539	4.042	5.582	0.691			4.3	22	17
11/03/24 11:00	1.262	4.624	5.886	0.612			3.0	353	27
11/03/24 11:05	1.327	4.980	6.307	0.526			4.3	4	22
11/03/24 11:10	1.283	4.943	6.227	0.455			3.0	4	32
11/03/24 11:15	1.198	4.441	5.639	0.449			3.5	2	28
11/03/24 11:20	1.244	4.589	5.833	0.410			2.9	3	23
11/03/24 11:25	0.981	4.055	5.036	0.394			3.2	344	30
11/03/24 11:30	0.769	3.884	4.653	0.313			2.7	340	38
11/03/24 11:35	0.548	3.749	4.297	0.348			2.9	348	25
11/03/24 11:40	0.622	3.588	4.210	0.283			2.5	342	32
11/03/24 11:45	0.698	4.111	4.808	0.417			2.6	353	35
11/03/24 11:50	0.929	4.497	5.427	0.439			2.5	339	38
11/03/24 11:55	0.951	4.176	5.127	0.469			2.7	343	32
11/03/24 12:00	0.912	4.004	4.916	0.504			3.4	348	33

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/03/24 12:05	0.856	3.896	4.752	0.560			3.0	354	33
11/03/24 12:10	0.922	3.907	4.829	0.573			3.2	349	37
11/03/24 12:15	0.837	3.815	4.652	0.599			3.2	337	28
11/03/24 12:20	0.833	3.772	4.604	0.617			4.1	3	22
11/03/24 12:25	0.812	3.794	4.606	0.627			3.1	352	36
11/03/24 12:30	0.760	3.702	4.462	0.583			3.0	3	32
11/03/24 12:35	0.631	3.463	4.095	0.645			2.4	344	38
11/03/24 12:40	0.677	3.423	4.100	0.615			3.3	15	28
11/03/24 12:45	0.620	3.420	4.039	0.571			3.6	355	26
11/03/24 12:50	0.902	3.437	4.339	0.516			3.1	348	27
11/03/24 12:55	0.884	3.451	4.335	0.517			4.1	12	19
11/03/24 13:00	0.869	3.358	4.227	0.535			3.7	3	24
11/03/24 13:05	0.818	3.345	4.163	0.473			3.4	317	25
11/03/24 13:10	0.646	3.378	4.024	0.453			3.3	9	26
11/03/24 13:15	0.599	3.352	3.952	0.490			3.4	4	29
11/03/24 13:20	0.632	3.315	3.948	0.473			2.7	344	38
11/03/24 13:25	0.602	3.350	3.952	0.518			3.5	349	27
11/03/24 13:30	0.595	3.455	4.051	0.475			3.2	339	35
11/03/24 13:35	0.513	3.308	3.821	0.531			2.5	342	36
11/03/24 13:40	0.541	3.321	3.863	0.470			2.5	0	39
11/03/24 13:45	0.650	3.420	4.071	0.495			3.2	336	29
11/03/24 13:50	0.764	3.646	4.411	0.511			2.6	355	40
11/03/24 13:55	0.740	3.773	4.513	0.510			2.9	318	32
11/03/24 14:00	0.794	3.661	4.455	0.503			2.9	353	36
11/03/24 14:05	0.922	3.665	4.587	0.496			2.9	349	33
11/03/24 14:10	0.830	3.924	4.754	0.520			3.6	21	23
11/03/24 14:15	0.698	3.681	4.380	0.452			3.1	314	28
11/03/24 14:20	0.696	3.812	4.508	0.399			4.9	301	15
11/03/24 14:25	0.645	3.435	4.080	0.477			3.5	311	29
11/03/24 14:30	0.604	3.179	3.783	0.502			4.5	308	18
11/03/24 14:35	0.535	3.090	3.625	0.444			3.5	318	21
11/03/24 14:40	0.716	3.193	3.909	0.366			4.4	309	23
11/03/24 14:45	0.860	3.460	4.319	0.367			3.3	309	22
11/03/24 14:50	0.980	3.875	4.855	0.455			3.7	304	25
11/03/24 14:55	0.994	3.924	4.918	0.443			4.4	308	22
11/03/24 15:00	0.974	4.140	5.114	0.513			3.5	325	36
11/03/24 15:05	0.854	4.090	4.944	0.444			3.6	324	29
11/03/24 15:10	0.650	3.867	4.516	0.423			3.1	352	34
11/03/24 15:15	0.669	3.880	4.549	0.394			3.1	340	37
11/03/24 15:20	0.689	3.890	4.579	0.278			3.9	347	33
11/03/24 15:25	0.718	3.850	4.569	0.278			3.4	328	27
11/03/24 15:30	0.728	3.843	4.571	0.288			4.8	308	22
11/03/24 15:35	0.641	3.704	4.345	0.318			3.8	312	20
11/03/24 15:40	0.626	3.528	4.154	0.401			3.1	338	32
11/03/24 15:45	0.796	3.837	4.633	0.457			3.5	9	24
11/03/24 15:50	0.904	4.191	5.094	0.404			3.5	328	34
11/03/24 15:55	0.851	3.852	4.703	0.338			3.2	357	31
11/03/24 16:00	0.961	3.811	4.772	0.416			2.5	0	35
11/03/24 16:05	0.918	3.903	4.821	0.441			2.9	343	36
11/03/24 16:10	0.866	3.965	4.831	0.407			2.3	331	36
11/03/24 16:15	0.869	3.984	4.853	0.423			2.5	337	42
11/03/24 16:20	0.944	4.040	4.984	0.490			2.9	354	33
11/03/24 16:25	0.883	4.248	5.131	0.609			3.4	329	37
11/03/24 16:30	0.806	4.466	5.271	0.715			2.9	317	23
11/03/24 16:35	0.753	4.392	5.145	0.638			2.6	352	35
11/03/24 16:40	0.620	4.563	5.184	0.626			2.4	337	42
11/03/24 16:45	0.540	4.613	5.154	0.613			3.3	316	30
11/03/24 16:50	0.594	4.505	5.098	0.656			3.3	304	18
11/03/24 16:55	0.545	4.614	5.159	0.717			3.6	304	16
11/03/24 17:00	0.592	4.319	4.912	0.721			3.4	321	31
11/03/24 17:05	0.560	4.141	4.701	0.671			3.6	314	24
11/03/24 17:10	0.651	4.032	4.683	0.638			3.4	315	25
11/03/24 17:15	0.693	4.002	4.695	0.573			3.1	306	17
11/03/24 17:20	0.722	4.407	5.129	0.611			3.6	309	19
11/03/24 17:25	0.642	4.761	5.403	0.498			2.9	307	24
11/03/24 17:30	0.541	5.091	5.632	0.446			2.9	321	30
11/03/24 17:35	0.523	4.849	5.372	0.330			2.3	323	33
11/03/24 17:40	0.501	4.553	5.054	0.295			2.4	315	33
11/03/24 17:45	0.457	4.696	5.153	0.268			2.3	322	25
11/03/24 17:50	0.454	5.119	5.572	0.363			3.4	306	19
11/03/24 17:55	0.452	5.648	6.099	0.332			1.8	320	34
11/03/24 18:00	0.498	5.837	6.335	0.405			1.7	325	29
11/03/24 18:05	0.431	6.109	6.541	0.533			1.3	353	39
11/03/24 18:10	0.573	6.533	7.106	0.582			2.4	4	18
11/03/24 18:15	0.605	6.764	7.370	0.563			2.1	358	29
11/03/24 18:20	0.503	6.797	7.299	0.554			2.6	0	24
11/03/24 18:25	0.491	7.376	7.866	0.637			1.3	3	25
11/03/24 18:30	0.457	8.612	9.069	0.585			2.0	14	19
11/03/24 18:35	0.678	8.272	8.950	0.594			1.9	359	32
11/03/24 18:40	0.356	7.445	7.801	0.542			1.5	1	29
11/03/24 18:45	0.336	12.706	13.042	0.588			2.4	2	23
11/03/24 18:50	0.375	15.506	15.881	0.637			1.6	4	34
11/03/24 18:55	0.406	13.589	13.996	0.627			1.9	16	19
11/03/24 19:00	0.458	11.704	12.161	0.618			1.5	15	21
11/03/24 19:05	0.430	10.485	10.915	0.588			1.7	12	23
11/03/24 19:10	0.383	9.825	10.208	0.601			2.0	21	19
11/03/24 19:15	0.282	9.010	9.291	0.682			1.8	12	33
11/03/24 19:20	0.488	8.850	9.338	0.677			2.2	15	18
11/03/24 19:25	0.385	9.169	9.554	0.676			1.7	20	23
11/03/24 19:30	0.263	9.871	10.133	0.645			2.5	26	16
11/03/24 19:35	0.555	10.499	11.054	0.559			2.6	21	16
11/03/24 19:40	0.583	10.518	11.101	0.554			2.4	15	20
11/03/24 19:45	0.539	10.201	10.739	0.585			2.0	27	21
11/03/24 19:50	0.552	10.002	10.554	0.570			2.1	23	22
11/03/24 19:55	0.494	9.689	10.183	0.569			2.7	4	20
11/03/24 20:00	0.445	9.621	10.066	0.564			2.3	17	20
11/03/24 20:05	0.327	9.667	9.994	0.641			2.5	11	26
11/03/24 20:10	0.416	9.643	10.060	0.671			3.3	9	19
11/03/24 20:15	0.211	9.544	9.755	0.674			2.9	4	24
11/03/24 20:20	0.164	9.770	9.934	0.688			3.3	7	21
11/03/24 20:25	0.167	9.934	10.101	0.723			3.1	18	20
11/03/24 20:30	0.149	9.954	10.103	0.680			2.9	21	14
11/03/24 20:35	0.301	10.050	10.351	0.615			2.8	16	20
11/03/24 20:40	0.306	9.817	10.123	0.625			2.8	20	18
11/03/24 20:45	0.183	9.471	9.653	0.675			2.8	22	23
11/03/24 20:50	0.184	9.196	9.380	0.586			3.3	15	18
11/03/24 20:55	0.124	9.023	9.147	0.569			2.7	21	16
11/03/24 21:00	0.119	9.007	9.126	0.657			2.8	22	13

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/03/24 21:05	0.136	8.856	8.992	0.713			3.0	14	17
11/03/24 21:10	0.262	8.471	8.733	0.710			2.4	18	20
11/03/24 21:15	0.350	8.261	8.612	0.627			2.2	19	21
11/03/24 21:20	0.332	8.185	8.517	0.583			2.2	18	18
11/03/24 21:25	0.298	8.208	8.507	0.556			2.0	18	27
11/03/24 21:30	0.370	8.241	8.611	0.562			2.5	21	18
11/03/24 21:35	0.505	8.291	8.796	0.659			2.3	19	19
11/03/24 21:40	0.638	8.319	8.957	0.634			1.8	18	24
11/03/24 21:45	0.536	8.163	8.700	0.532			2.2	16	22
11/03/24 21:50	0.462	8.063	8.525	0.384			2.3	24	16
11/03/24 21:55	0.412	7.964	8.376	0.512			2.0	18	24
11/03/24 22:00	0.219	7.782	8.000	0.566			2.2	18	20
11/03/24 22:05	0.156	7.667	7.823	0.639			2.3	25	17
11/03/24 22:10	0.219	7.436	7.655	0.705			2.2	21	20
11/03/24 22:15	0.323	7.264	7.587	0.750			2.1	13	21
11/03/24 22:20	0.305	7.192	7.497	0.777			2.1	4	23
11/03/24 22:25	0.242	7.229	7.471	0.711			1.4	306	42
11/03/24 22:30	0.158	8.216	8.374	0.609			4.8	261	08
11/03/24 22:35	0.266	9.977	10.242	0.841			4.6	250	06
11/03/24 22:40	0.388	11.491	11.878	1.166			3.7	230	06
11/03/24 22:45	0.315	11.079	11.395	1.329			3.9	253	08
11/03/24 22:50	0.376	11.973	12.349	1.483			2.8	297	22
11/03/24 22:55	0.391	8.185	8.577	1.417			2.3	309	18
11/03/24 23:00	0.520	6.321	6.841	1.299			1.8	288	17
11/03/24 23:05	0.485	5.911	6.396	1.178			1.5	308	10
11/03/24 23:10	0.396	6.001	6.396	1.057			1.0	333	22
11/03/24 23:15	0.363	6.176	6.539	0.977			1.2	357	18
11/03/24 23:20	0.295	6.600	6.895	1.086			1.0	3	17
11/03/24 23:25	0.379	8.826	9.205	1.244			1.2	2	11
11/03/24 23:30	0.549	16.510	17.059	1.368			1.1	5	13
11/03/24 23:35	0.555	19.274	19.829	1.396			1.6	5	10
11/03/24 23:40	0.530	19.405	19.935	1.411			1.0	5	20
11/03/24 23:45	0.465	18.888	19.353	1.292			0.9	353	23
11/03/24 23:50	0.427	17.669	18.096				1.1	6	15
11/03/24 23:55	0.417	15.949	16.366				1.5	2	10
12/03/24 00:00	0.273	13.982	14.255	1.220			1.4	11	18
12/03/24 00:05	0.182	10.986	11.168	1.165			1.4	1	20
12/03/24 00:10	0.183	10.478	10.662	0.957			1.7	3	14
12/03/24 00:15	0.137	10.589	10.726	0.848			1.2	359	18
12/03/24 00:20	0.092	10.414	10.506	0.666			1.5	357	18
12/03/24 00:25	0.185	10.345	10.530	0.659			1.7	349	18
12/03/24 00:30	0.207	10.354	10.561	0.645			1.6	357	13
12/03/24 00:35	0.191	10.552	10.743	0.702			1.8	354	20
12/03/24 00:40	0.092	10.783	10.874	0.772			1.6	352	12
12/03/24 00:45	0.029	10.780	10.808	0.781			1.5	355	08
12/03/24 00:50	0.091	11.371	11.462	0.730			1.1	342	22
12/03/24 00:55	0.385	15.666	16.051	1.085			0.8	337	17
12/03/24 01:00	1.165	32.284	33.448	1.435			1.0	278	23
12/03/24 01:05							1.3	235	30
12/03/24 01:10							0.7	273	34
12/03/24 01:15							0.5	294	44
12/03/24 01:20							0.4	243	33
12/03/24 01:25							0.3	214	42
12/03/24 01:30							0.4	277	18
12/03/24 01:35							0.3	326	23
12/03/24 01:40							0.4	5	18
12/03/24 01:45							0.8	9	16
12/03/24 01:50							0.8	343	24
12/03/24 01:55							0.6	334	38
12/03/24 02:00							1.0	346	36
12/03/24 02:05	1.196	10.930	12.125	1.069			1.2	12	26
12/03/24 02:10	0.876	11.006	11.882	0.864			1.2	12	21
12/03/24 02:15	0.689	10.718	11.407	0.839			1.2	23	21
12/03/24 02:20	0.485	9.832	10.317	0.835			1.3	4	25
12/03/24 02:25	0.393	8.595	8.988	0.822			1.1	337	38
12/03/24 02:30	0.379	7.511	7.890	0.795			1.5	300	24
12/03/24 02:35	0.249	7.370	7.619	0.787			1.1	309	35
12/03/24 02:40	0.227	7.626	7.853	0.831			1.1	295	28
12/03/24 02:45	0.336	10.916	11.252	1.060			1.0	289	32
12/03/24 02:50	0.318	12.108	12.426	1.215			1.2	357	32
12/03/24 02:55	0.172	8.584	8.757	1.188			0.5	327	60
12/03/24 03:00	-0.038	7.009	6.971	1.114			1.0	359	42
12/03/24 03:05	-0.085	5.897	5.812	1.019			1.0	321	33
12/03/24 03:10	0.016	5.439	5.455	1.109			1.1	349	49
12/03/24 03:15	0.014	5.608	5.623	1.070			1.6	333	34
12/03/24 03:20	0.080	5.743	5.823	0.982			1.8	336	35
12/03/24 03:25	0.114	5.788	5.901	0.912			1.4	319	31
12/03/24 03:30	0.146	6.144	6.290	0.736			1.8	323	22
12/03/24 03:35	0.082	6.763	6.845	0.708			1.9	329	28
12/03/24 03:40	0.075	7.253	7.328	0.741			1.8	331	26
12/03/24 03:45	0.034	7.695	7.729	0.779			1.4	338	37
12/03/24 03:50	0.078	7.909	7.987	0.775			2.5	4	19
12/03/24 03:55	0.046	7.848	7.893	0.740			2.4	8	17
12/03/24 04:00	0.000	7.681	7.681	0.821			2.2	3	19
12/03/24 04:05	-0.029	7.722	7.693	0.997			2.1	2	20
12/03/24 04:10	0.050	8.063	8.112	0.929			2.2	13	21
12/03/24 04:15	0.056	8.377	8.433	0.985			2.3	17	20
12/03/24 04:20	0.017	8.907	8.925	0.904			1.8	13	24
12/03/24 04:25	0.058	9.427	9.484	0.877			2.1	11	19
12/03/24 04:30	0.008	9.826	9.834	0.901			1.6	4	21
12/03/24 04:35	0.004	10.023	10.027	0.802			0.9	329	36
12/03/24 04:40	0.022	10.272	10.294	0.709			1.3	321	31
12/03/24 04:45	0.035	11.293	11.328	0.631			1.6	357	26
12/03/24 04:50	0.192	13.584	13.776	0.706			1.6	352	26
12/03/24 04:55	0.485	21.199	21.684	0.543			1.1	296	23
12/03/24 05:00	0.900	29.903	30.803	0.641			1.4	268	21
12/03/24 05:05	2.739	35.839	38.579	0.718			4.1	227	11
12/03/24 05:10	3.267	25.939	29.206	0.863			4.6	204	05
12/03/24 05:15	0.370	19.991	20.361	0.904			1.2	250	53
12/03/24 05:20	0.568	20.432	21.000	0.973			1.3	293	25
12/03/24 05:25	1.462	27.155	28.616	1.032			1.8	243	09
12/03/24 05:30	3.607	33.426	37.033	0.982			1.8	225	12
12/03/24 05:35	1.769	12.197	13.966	0.966			0.3	357	74
12/03/24 05:40	0.746	13.561	14.306	1.017			2.7	210	10
12/03/24 05:45	0.355	6.892	7.247	0.872			2.6	222	16
12/03/24 05:50	0.273	4.548	4.821	0.826			1.8	199	25
12/03/24 05:55	0.125	4.337	4.462	0.753			1.5	190	21
12/03/24 06:00	0.102	4.075	4.177	0.837			2.2	183	16

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/03/24 06:05	0.217	4.047	4.264	0.990			1.9	171	16
12/03/24 06:10	0.302	5.384	5.686	0.862			1.1	156	30
12/03/24 06:15	0.316	5.827	6.143	0.685			0.6	111	21
12/03/24 06:20	0.319	6.332	6.650	0.756			0.8	87	16
12/03/24 06:25	1.487	20.963	22.451	0.719			1.6	64	11
12/03/24 06:30	2.105	21.667	23.771	0.770			1.4	44	07
12/03/24 06:35	1.672	20.875	22.547	0.856			0.8	70	22
12/03/24 06:40	1.937	21.003	22.940	0.864			1.2	87	11
12/03/24 06:45	2.490	21.662	24.152	0.771			0.8	97	16
12/03/24 06:50	3.268	23.042	26.310	0.691			0.3	85	30
12/03/24 06:55	4.191	25.584	29.775	0.594			0.4	53	29
12/03/24 07:00	4.261	25.961	30.221	0.603			0.3	76	47
12/03/24 07:05	4.444	25.734	30.178	0.661			0.6	166	18
12/03/24 07:10	4.722	25.038	29.760	0.582			0.6	217	25
12/03/24 07:15	4.946	24.308	29.254	0.635			1.7	211	03
12/03/24 07:20	4.674	22.735	27.409	0.749			2.6	212	02
12/03/24 07:25	4.081	18.843	22.924	0.769			3.3	205	03
12/03/24 07:30	4.748	19.678	24.426	0.763			6.0	203	05
12/03/24 07:35	4.443	16.740	21.183	0.741			4.1	193	09
12/03/24 07:40	2.447	3.356	5.803	0.785			4.1	194	10
12/03/24 07:45	2.217	5.108	7.326	0.857			4.0	196	07
12/03/24 07:50	1.896	4.274	6.170	0.909			4.4	198	08
12/03/24 07:55	1.344	2.637	3.981	0.812			3.7	194	10
12/03/24 08:00	1.177	2.804	3.980	0.731			4.8	197	07
12/03/24 08:05	1.398	3.633	5.031	0.796			4.3	198	07
12/03/24 08:10	2.286	7.926	10.212	0.797			2.8	194	12
12/03/24 08:15	2.641	6.569	9.211	0.807			3.6	195	09
12/03/24 08:20	2.793	5.717	8.510	0.841			3.9	196	09
12/03/24 08:25	2.604	3.960	6.563	0.884			3.2	194	10
12/03/24 08:30	2.190	1.859	4.048	0.798			3.8	198	07
12/03/24 08:35	1.806	1.171	2.977	0.768			4.6	199	07
12/03/24 08:40	1.757	4.807	6.563	0.789			5.2	199	05
12/03/24 08:45	1.375	0.182	1.557	0.764			6.1	201	03
12/03/24 08:50	1.122	0.557	1.678	0.742			6.2	202	04
12/03/24 08:55	0.907	0.880	1.787	0.824			6.1	204	04
12/03/24 09:00	0.795	1.178	1.973	0.799			6.0	203	04
12/03/24 09:05	0.703	1.561	2.265	0.706			6.0	204	04
12/03/24 09:10	0.568	1.593	2.161	0.662			6.4	203	05
12/03/24 09:15	0.626	1.539	2.165	0.733			5.3	204	04
12/03/24 09:20	0.666	1.532	2.198	0.772			5.7	205	04
12/03/24 09:25	0.635	1.430	2.065	0.746			6.0	211	04
12/03/24 09:30	0.640	1.961	2.601	0.692			6.9	210	04
12/03/24 09:35	0.638	2.395	3.033	0.643			8.0	209	04
12/03/24 09:40	0.470	1.959	2.429	0.611			7.0	204	04
12/03/24 09:45	0.253	1.612	1.865	0.577			6.8	203	05
12/03/24 09:50	0.365	1.293	1.658	0.571			6.5	203	06
12/03/24 09:55	0.366	1.154	1.520	0.510			6.4	205	05
12/03/24 10:00	0.223	1.007	1.229	0.621			7.1	207	04
12/03/24 10:05	0.180	0.952	1.132	0.606			7.2	205	04
12/03/24 10:10	0.171	0.856	1.026	0.586			7.8	207	04
12/03/24 10:15	0.053	0.831	0.884	0.519			7.9	206	04
12/03/24 10:20	0.132	0.761	0.893	0.439			7.2	204	05
12/03/24 10:25	0.089	0.661	0.750	0.473			7.5	203	04
12/03/24 10:30	0.051	0.621	0.672	0.477			8.0	203	04
12/03/24 10:35	-0.074	0.580	0.506	0.567			7.2	204	04
12/03/24 10:40	-0.254	0.569	0.315	0.527			6.4	200	05
12/03/24 10:45	-0.197	0.634	0.437	0.466			5.5	197	07
12/03/24 10:50	-0.012	0.649	0.637	0.361			5.8	198	04
12/03/24 10:55	0.095	0.670	0.765	0.416			5.9	202	06
12/03/24 11:00	0.167	0.841	1.008	0.350			5.8	199	06
12/03/24 11:05	0.655	1.257	1.912	0.325			7.5	201	04
12/03/24 11:10	0.907	0.913	1.820	0.437			7.2	204	04
12/03/24 11:15	0.544	0.832	1.377	0.527			6.4	199	04
12/03/24 11:20	0.418	0.859	1.277	0.474			6.1	200	05
12/03/24 11:25	0.486	1.085	1.572	0.529			6.8	201	04
12/03/24 11:30	0.639	1.220	1.858	0.568			6.7	203	05
12/03/24 11:35	0.452	0.593	1.045	0.581			7.0	202	04
12/03/24 11:40	0.373	0.504	0.877	0.492			6.0	202	05
12/03/24 11:45	0.468	0.585	1.053	0.447			5.5	197	07
12/03/24 11:50	1.155	1.262	2.417	0.373			5.5	199	06
12/03/24 11:55	2.111	3.357	5.468	0.409			5.2	196	08
12/03/24 12:00	2.737	3.321	6.057	0.382			6.6	199	05
12/03/24 12:05	2.338	1.101	3.438	0.428			5.6	198	07
12/03/24 12:10	1.977	1.287	3.264	0.362			5.2	199	08
12/03/24 12:15	2.205	2.148	4.353	0.350			5.1	198	07
12/03/24 12:20	2.560	4.369	6.929	0.396			5.4	196	08
12/03/24 12:25	2.551	1.859	4.410	0.417			6.5	199	06
12/03/24 12:30	2.018	1.384	3.402	0.471			4.5	197	10
12/03/24 12:35	3.488	3.199	6.687	0.461			5.8	199	05
12/03/24 12:40	2.606	2.450	5.056	0.476			6.4	200	05
12/03/24 12:45	1.613	1.088	2.700	0.418			3.9	192	10
12/03/24 12:50	1.076	1.142	2.218	0.404			5.3	197	08
12/03/24 12:55	1.388	2.882	4.269	0.388			4.6	194	11
12/03/24 13:00	1.506	1.207	2.713	0.399			3.9	185	16
12/03/24 13:05	1.210	0.862	2.072	0.393			2.8	172	20
12/03/24 13:10	0.925	1.196	2.121	0.393			3.0	166	25
12/03/24 13:15	0.885	0.386	1.271	0.420			2.8	160	23
12/03/24 13:20	0.767	0.375	1.143	0.494			2.8	167	24
12/03/24 13:25	0.607	0.471	1.078	0.534			2.0	156	25
12/03/24 13:30	0.506	0.561	1.067	0.462			1.7	170	31
12/03/24 13:35	0.410	0.630	1.040	0.411			3.4	191	14
12/03/24 13:40	0.280	0.711	0.991	0.448			3.2	187	13
12/03/24 13:45	0.213	0.799	1.012	0.476			3.3	186	13
12/03/24 13:50	0.017	0.848	0.865	0.548			2.7	192	11
12/03/24 13:55	-0.023	0.872	0.850	0.590			2.7	190	13
12/03/24 14:00	-0.026	0.937	0.911	0.528			3.2	189	11
12/03/24 14:05	0.073	0.879	0.953	0.385			3.6	188	11
12/03/24 14:10	0.109	0.854	0.963	0.425			3.6	185	14
12/03/24 14:15	0.073	0.815	0.889	0.505			2.1	172	26
12/03/24 14:20	0.135	0.773	0.907	0.533			2.2	164	25
12/03/24 14:25	0.198	0.753	0.951	0.504			2.4	178	22
12/03/24 14:30	0.342	0.644	0.985	0.455			2.3	170	26
12/03/24 14:35	0.271	0.729	1.000	0.442			3.2	182	16
12/03/24 14:40	0.372	0.703	1.075	0.428			3.5	190	11
12/03/24 14:45	0.480	0.684	1.164	0.392			3.0	192	11
12/03/24 14:50	0.484	0.634	1.118	0.407			3.1	188	14
12/03/24 14:55	0.436	0.639	1.075	0.372			3.7	197	09
12/03/24 15:00	0.256	0.667	0.924	0.311			3.1	192	10

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/03/24 15:05	0.027	0.647	0.674	0.282			2.4	190	15
12/03/24 15:10	-0.038	0.685	0.648	0.356			3.0	193	12
12/03/24 15:15	0.066	0.662	0.727	0.396			3.3	197	09
12/03/24 15:20	-0.005	0.676	0.671	0.366			2.8	190	15
12/03/24 15:25	0.002	0.711	0.714	0.380			2.6	184	18
12/03/24 15:30	0.036	0.709	0.745	0.366			2.5	185	14
12/03/24 15:35	0.066	0.675	0.741	0.271			2.2	177	17
12/03/24 15:40	0.140	0.695	0.835	0.258			2.1	181	19
12/03/24 15:45	0.160	0.750	0.910	0.359			2.7	190	16
12/03/24 15:50	0.147	0.821	0.967	0.388			3.0	192	12
12/03/24 15:55	0.180	0.869	1.049	0.373			2.9	185	13
12/03/24 16:00	0.114	0.847	0.961	0.372			3.4	196	08
12/03/24 16:05	-0.007	0.823	0.815	0.322			2.6	187	14
12/03/24 16:10	0.019	0.876	0.895	0.275			2.0	188	16
12/03/24 16:15	0.034	0.853	0.887	0.272			2.0	171	20
12/03/24 16:20	0.139	0.865	1.003	0.272			2.2	187	15
12/03/24 16:25	0.162	0.851	1.012	0.346			2.5	191	13
12/03/24 16:30	0.057	0.941	0.998	0.411			3.1	199	07
12/03/24 16:35	0.070	0.954	1.024	0.384			2.5	189	13
12/03/24 16:40	0.050	0.916	0.966	0.394			2.0	179	21
12/03/24 16:45	-0.008	0.973	0.965	0.515			2.6	189	15
12/03/24 16:50	-0.002	0.937	0.935	0.456			3.1	189	11
12/03/24 16:55	0.081	0.998	1.080	0.445			4.1	199	07
12/03/24 17:00	0.126	1.034	1.160	0.554			3.9	196	08
12/03/24 17:05	0.032	1.002	1.034	0.607			3.6	195	11
12/03/24 17:10	-0.027	0.935	0.908	0.502			3.9	197	08
12/03/24 17:15	-0.027	0.987	0.960	0.391			2.6	186	15
12/03/24 17:20	-0.116	1.038	0.922	0.343			3.2	196	10
12/03/24 17:25	-0.125	0.990	0.865	0.317			2.5	188	14
12/03/24 17:30	-0.132	0.994	0.862	0.373			2.1	178	19
12/03/24 17:35	-0.086	0.933	0.846	0.405			2.3	175	17
12/03/24 17:40	0.036	0.924	0.960	0.440			2.5	188	12
12/03/24 17:45	0.120	1.315	1.436	0.451			2.8	199	10
12/03/24 17:50	0.273	1.913	2.186	0.558			3.3	197	09
12/03/24 17:55	0.379	2.499	2.878	0.630			3.3	199	06
12/03/24 18:00	0.558	3.599	4.157	0.485			2.7	192	14
12/03/24 18:05	0.398	2.293	2.692	0.349			2.4	191	13
12/03/24 18:10	0.271	2.417	2.688	0.366			2.5	197	09
12/03/24 18:15	0.130	2.786	2.916	0.463			1.8	196	16
12/03/24 18:20	0.078	2.633	2.710	0.464			1.9	181	19
12/03/24 18:25	0.078	2.242	2.320	0.411			1.7	168	23
12/03/24 18:30	0.108	2.150	2.258	0.441			2.3	184	16
12/03/24 18:35	0.117	2.293	2.410	0.407			2.5	186	16
12/03/24 18:40	0.092	2.093	2.185	0.425			2.3	186	16
12/03/24 18:45	0.040	1.906	1.946	0.441			2.0	177	22
12/03/24 18:50	-0.026	1.700	1.675	0.406			1.8	177	23
12/03/24 18:55	0.115	1.524	1.639	0.332			2.1	162	26
12/03/24 19:00	0.162	1.423	1.586	0.316			1.7	152	26
12/03/24 19:05	0.114	1.339	1.453	0.412			2.3	150	20
12/03/24 19:10	0.042	1.255	1.297	0.344			2.8	144	19
12/03/24 19:15	-0.050	1.269	1.219	0.355			3.3	142	20
12/03/24 19:20	-0.016	1.386	1.370	0.418			4.1	141	14
12/03/24 19:25	-0.047	1.412	1.365	0.562			1.6	161	30
12/03/24 19:30	0.069	1.557	1.625	0.579			2.0	162	25
12/03/24 19:35	0.135	1.619	1.755	0.581			1.7	157	29
12/03/24 19:40	0.181	1.691	1.873	0.608			1.9	171	24
12/03/24 19:45	0.128	1.722	1.849	0.591			2.0	178	21
12/03/24 19:50	0.066	1.858	1.924	0.609			2.4	151	19
12/03/24 19:55	0.013	2.103	2.116	0.593			2.7	140	17
12/03/24 20:00	0.042	2.267	2.309	0.584			2.2	148	23
12/03/24 20:05	0.168	2.165	2.333	0.613			2.3	149	21
12/03/24 20:10	0.111	2.066	2.177	0.568			1.9	163	27
12/03/24 20:15	-0.030	2.026	1.996	0.616			2.3	150	30
12/03/24 20:20	0.014	2.124	2.137	0.507			2.0	149	27
12/03/24 20:25	0.056	2.235	2.292	0.502			1.7	166	28
12/03/24 20:30	0.032	2.281	2.313	0.481			2.3	151	25
12/03/24 20:35	0.062	2.135	2.196	0.469			2.7	183	19
12/03/24 20:40	0.076	1.967	2.044	0.443			3.3	185	14
12/03/24 20:45	0.027	1.729	1.756	0.357			3.3	190	12
12/03/24 20:50	0.118	1.540	1.657	0.368			1.9	165	27
12/03/24 20:55	0.163	1.489	1.652	0.421			2.4	171	24
12/03/24 21:00	0.069	1.406	1.474	0.342			2.2	166	23
12/03/24 21:05	-0.004	1.399	1.395	0.356			2.4	157	24
12/03/24 21:10	-0.040	1.441	1.401	0.249			2.7	161	26
12/03/24 21:15	-0.029	1.378	1.349	0.193			2.9	145	21
12/03/24 21:20	-0.029	1.277	1.248	0.234			3.4	138	19
12/03/24 21:25	-0.115	1.326	1.210	0.281			3.2	133	14
12/03/24 21:30	-0.067	1.287	1.220	0.293			3.4	129	15
12/03/24 21:35	-0.134	1.276	1.142	0.278			3.2	132	15
12/03/24 21:40	-0.165	1.222	1.058	0.349			3.1	132	17
12/03/24 21:45	-0.093	1.210	1.116	0.516			4.9	140	10
12/03/24 21:50	-0.062	1.179	1.117	0.470			2.8	129	20
12/03/24 21:55	-0.044	1.227	1.184	0.490			3.2	136	17
12/03/24 22:00	-0.031	1.182	1.151	0.501			3.5	141	15
12/03/24 22:05	0.009	1.212	1.222	0.476			3.5	142	15
12/03/24 22:10	-0.100	1.302	1.201	0.450			2.9	136	23
12/03/24 22:15	-0.093	1.409	1.317	0.466			3.3	135	16
12/03/24 22:20	-0.067	1.511	1.444	0.553			2.7	130	17
12/03/24 22:25	-0.069	1.579	1.510	0.639			2.2	128	20
12/03/24 22:30	-0.060	1.599	1.539	0.663			3.0	129	14
12/03/24 22:35	-0.155	1.640	1.486	0.562			2.4	142	19
12/03/24 22:40	-0.087	1.606	1.520	0.452			2.9	136	20
12/03/24 22:45	-0.139	1.578	1.439	0.440			3.6	134	13
12/03/24 22:50	-0.143	1.577	1.434	0.346			3.3	133	14
12/03/24 22:55	-0.082	1.434	1.352	0.306			2.9	133	16
12/03/24 23:00	-0.016	1.321	1.305	0.329			2.9	137	15
12/03/24 23:05	-0.015	1.181	1.166	0.418			2.6	127	15
12/03/24 23:10	-0.136	1.143	1.007	0.393			2.6	136	18
12/03/24 23:15	-0.129	1.214	1.085	0.438			2.1	123	16
12/03/24 23:20	-0.092	1.132	1.040	0.492			2.4	126	17
12/03/24 23:25	0.006	1.142	1.147	0.574			3.2	125	18
12/03/24 23:30	0.039	1.261	1.301	0.531			2.9	125	18
12/03/24 23:35	0.013	1.361	1.374	0.495			3.2	126	18
12/03/24 23:40	-0.018	1.445	1.427	0.520			3.2	119	12
12/03/24 23:45	-0.073	1.525	1.452	0.603			3.0	114	14
12/03/24 23:50	-0.104	1.547	1.443				4.2	113	08
12/03/24 23:55	-0.103	1.641	1.539				3.6	108	07
13/03/24 00:00	-0.038	1.622	1.584	0.592			2.5	113	11

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/03/24 00:05	-0.073	1.616	1.543	0.699			2.4	112	15
13/03/24 00:10	-0.054	1.584	1.529	0.813			2.3	116	12
13/03/24 00:15	0.023	1.516	1.539	0.867			1.9	131	18
13/03/24 00:20	0.134	1.352	1.486	0.954			2.5	140	15
13/03/24 00:25	0.134	1.323	1.458	1.037			2.0	133	19
13/03/24 00:30	0.193	1.278	1.471	1.095			2.4	135	15
13/03/24 00:35	0.151	1.220	1.371	1.101			1.6	151	22
13/03/24 00:40	0.097	1.193	1.290	1.093			1.7	152	25
13/03/24 00:45	0.055	1.145	1.200	1.081			2.7	139	14
13/03/24 00:50	0.120	1.142	1.262	1.016			2.1	152	25
13/03/24 00:55	0.134	1.085	1.218	0.954			2.1	131	18
13/03/24 01:00	0.126	1.046	1.172	0.777			2.3	138	21
13/03/24 01:05							2.9	139	12
13/03/24 01:10							1.5	165	30
13/03/24 01:15							2.0	159	25
13/03/24 01:20							2.2	162	24
13/03/24 01:25							2.3	184	15
13/03/24 01:30							2.7	193	09
13/03/24 01:35							2.1	178	19
13/03/24 01:40							1.9	178	19
13/03/24 01:45							2.2	176	22
13/03/24 01:50							1.8	171	19
13/03/24 01:55							1.6	169	20
13/03/24 02:00							2.2	185	16
13/03/24 02:05	0.213	0.788	1.001	0.738			2.2	184	14
13/03/24 02:10	0.256	0.793	1.049	0.715			1.8	169	26
13/03/24 02:15	0.211	0.827	1.038	0.717			2.6	140	17
13/03/24 02:20	0.163	0.864	1.028	0.811			2.4	142	18
13/03/24 02:25	0.078	0.903	0.981	0.769			1.6	173	25
13/03/24 02:30	-0.030	0.890	0.860	0.866			2.5	142	14
13/03/24 02:35	-0.017	0.900	0.883	0.864			1.6	154	25
13/03/24 02:40	0.013	0.801	0.814	0.882			1.4	182	25
13/03/24 02:45	0.054	0.773	0.827	0.814			2.0	184	13
13/03/24 02:50	-0.014	0.894	0.880	0.800			2.1	187	13
13/03/24 02:55	-0.080	0.875	0.795	0.763			2.5	194	10
13/03/24 03:00	-0.016	0.810	0.794	0.847			2.1	187	11
13/03/24 03:05	0.025	0.729	0.754	0.883			1.8	178	21
13/03/24 03:10	0.031	0.669	0.700	0.825			2.0	176	19
13/03/24 03:15	0.039	0.638	0.677	0.768			2.6	184	13
13/03/24 03:20	0.012	0.601	0.613	0.742			2.1	186	14
13/03/24 03:25	0.105	0.579	0.685	0.794			2.1	155	29
13/03/24 03:30	0.124	0.513	0.637	0.831			2.0	131	17
13/03/24 03:35	0.041	0.537	0.578	0.807			1.6	132	18
13/03/24 03:40	0.085	0.503	0.588	0.847			1.9	141	18
13/03/24 03:45	0.063	0.455	0.518	0.817			1.5	153	22
13/03/24 03:50	0.066	0.376	0.442	0.879			1.3	163	26
13/03/24 03:55	0.069	0.420	0.489	0.889			1.9	147	18
13/03/24 04:00	0.090	0.422	0.512	0.789			1.5	138	25
13/03/24 04:05	0.058	0.394	0.452	0.858			1.8	123	21
13/03/24 04:10	-0.044	0.435	0.392	0.948			1.6	122	21
13/03/24 04:15	-0.045	0.511	0.466	0.875			1.8	115	14
13/03/24 04:20	0.038	0.494	0.532	0.791			1.5	130	22
13/03/24 04:25	0.106	0.426	0.532	0.764			0.8	177	35
13/03/24 04:30	0.156	0.326	0.482	0.703			1.3	195	15
13/03/24 04:35	0.090	0.385	0.474	0.747			1.0	158	27
13/03/24 04:40	0.140	0.362	0.503	0.765			1.0	168	26
13/03/24 04:45	0.138	0.345	0.483	0.787			1.0	157	25
13/03/24 04:50	0.120	0.408	0.527	0.866			1.1	164	21
13/03/24 04:55	0.079	0.454	0.534	0.860			1.2	178	22
13/03/24 05:00	0.044	0.443	0.486	0.883			2.3	195	09
13/03/24 05:05	0.060	0.491	0.551	0.790			2.7	200	09
13/03/24 05:10	0.031	0.490	0.521	0.807			2.9	200	09
13/03/24 05:15	0.217	0.678	0.895	0.920			2.4	196	15
13/03/24 05:20	29.570	8.709	38.279	0.974			2.0	195	14
13/03/24 05:25	3.326	4.578	7.903	0.881			1.8	195	16
13/03/24 05:30	6.624	11.243	17.866	0.882			1.9	190	13
13/03/24 05:35	51.787	19.463	71.251	1.032			2.4	192	12
13/03/24 05:40	29.279	18.074	47.353	1.094			2.3	188	13
13/03/24 05:45	28.910	7.418	36.328	1.083			2.7	205	10
13/03/24 05:50	6.766	9.245	16.011	1.015			2.7	201	12
13/03/24 05:55	2.631	6.150	8.780	0.984			2.5	197	12
13/03/24 06:00	2.276	5.974	8.250	0.967			2.7	199	10
13/03/24 06:05	4.717	4.954	9.671	0.868			2.9	197	10
13/03/24 06:10	15.168	2.143	17.311	0.877			3.1	198	10
13/03/24 06:15	10.238	7.823	18.061	0.975			3.2	199	12
13/03/24 06:20	2.912	5.879	8.791	0.951			3.3	202	10
13/03/24 06:25	2.506	5.199	7.706	1.068			3.1	197	10
13/03/24 06:30	2.934	5.527	8.461	1.066			2.8	197	11
13/03/24 06:35	13.322	7.938	21.259	1.064			2.3	189	16
13/03/24 06:40	9.212	8.690	17.902	0.992			1.8	186	14
13/03/24 06:45	78.461	11.079	89.540	1.050			2.1	190	14
13/03/24 06:50	9.862	10.674	20.536	1.214			1.3	183	25
13/03/24 06:55	3.617	3.821	7.437	1.269			1.4	133	22
13/03/24 07:00	1.467	1.499	2.966	1.191			1.2	174	28
13/03/24 07:05	96.254	10.704	106.958	1.307			1.9	209	26
13/03/24 07:10	8.555	11.089	19.644	1.341			1.2	163	26
13/03/24 07:15	109.769	31.921	141.691	1.349			2.2	193	12
13/03/24 07:20									
13/03/24 07:25									
13/03/24 07:30									
13/03/24 07:35									
13/03/24 07:40									
13/03/24 07:45									
13/03/24 07:50									
13/03/24 07:55									
13/03/24 08:00									
13/03/24 08:05									
13/03/24 08:10									
13/03/24 08:15									
13/03/24 08:20									
13/03/24 08:25									
13/03/24 08:30									
13/03/24 08:35									
13/03/24 08:40									
13/03/24 08:45									
13/03/24 08:50									
13/03/24 08:55									
13/03/24 09:00									

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/03/24 09:05									
13/03/24 09:10									
13/03/24 09:15									
13/03/24 09:20									
13/03/24 09:25									
13/03/24 09:30									
13/03/24 09:35									
13/03/24 09:40									
13/03/24 09:45									
13/03/24 09:50									
13/03/24 09:55									
13/03/24 10:00	20.777	11.630	32.407	0.955	18.5	86	3.1	210	07
13/03/24 10:05	8.280	2.373	10.653	0.886	18.6	85	2.6	178	13
13/03/24 10:10	108.703	13.679	122.382	1.066	18.8	84	3.7	204	10
13/03/24 10:15	6.567	7.046	13.613	1.239	19.0	83	3.3	208	07
13/03/24 10:20	5.261	6.354	11.615	1.259	19.0	83	3.2	205	09
13/03/24 10:25	11.038	9.959	20.997	1.217	19.2	82	3.0	194	08
13/03/24 10:30	8.549	4.133	12.683	1.206	19.1	82	3.4	201	08
13/03/24 10:35	6.167	5.755	11.922	1.153	19.2	81	3.3	198	10
13/03/24 10:40	5.888	3.559	9.448	1.181	19.1	80	3.3	202	07
13/03/24 10:45	8.811	0.790	9.600	1.168	19.1	80	3.0	199	10
13/03/24 10:50	6.380	4.121	10.500	1.276	19.1	80	2.8	201	10
13/03/24 10:55	1.932	3.671	5.604	1.259	19.2	81	2.8	200	11
13/03/24 11:00	2.529	2.949	5.477	1.324	19.1	81	3.2	207	10
13/03/24 11:05	1.234	1.728	2.963	1.251	18.9	81	3.8	213	05
13/03/24 11:10	0.964	1.796	2.760	1.328	18.9	83	2.9	203	13
13/03/24 11:15	4.834	6.304	11.138	1.343	18.6	85	2.7	193	11
13/03/24 11:20	8.106	4.633	12.738	1.357	18.7	85	2.7	200	15
13/03/24 11:25	0.946	1.939	2.885	1.242	18.7	86	3.2	203	10
13/03/24 11:30	0.692	1.588	2.280	1.241	18.5	86	3.0	209	09
13/03/24 11:35	0.785	1.549	2.335	1.284	18.3	88	2.3	207	08
13/03/24 11:40	1.062	1.583	2.646	1.214	18.4	87	2.0	199	12
13/03/24 11:45	0.926	2.207	3.133	1.152	18.7	85	2.1	205	08
13/03/24 11:50	0.387	0.998	1.385	1.143	19.0	85	1.2	185	24
13/03/24 11:55	1.816	2.245	4.062	1.232	19.3	83	1.0	191	28
13/03/24 12:00	24.635	11.280	35.915	1.301	19.5	81	1.9	202	12
13/03/24 12:05	13.816	4.455	18.271	1.330	19.7	79	1.5	177	22
13/03/24 12:10	3.060	3.590	6.650	1.335	19.8	77	3.4	203	07
13/03/24 12:15	17.747	13.788	31.534	1.272	19.5	78	2.5	196	14
13/03/24 12:20	10.428	8.347	18.775	1.323	19.6	78	2.5	199	12
13/03/24 12:25	4.410	1.500	5.910	1.276	19.8	78	2.6	195	13
13/03/24 12:30	2.072	3.417	5.489	1.326	19.9	78	3.3	198	08
13/03/24 12:35	6.748	13.858	20.606	1.313	19.6	78	3.0	201	08
13/03/24 12:40	10.627	9.332	19.959	1.264	19.8	79	2.7	192	13
13/03/24 12:45	12.676	12.237	24.912	1.304	19.8	78	2.9	195	13
13/03/24 12:50	34.660	9.911	44.571	1.402	19.6	78	2.3	188	24
13/03/24 12:55	43.624	17.868	61.492	1.346	19.6	81	2.8	196	11
13/03/24 13:00	16.703	4.401	21.104	1.493	19.4	81	3.3	200	10
13/03/24 13:05	1.012	2.344	3.355	1.578	19.3	82	3.1	198	10
13/03/24 13:10	0.859	1.726	2.586	1.554	19.3	81	2.9	195	13
13/03/24 13:15	14.069	4.189	18.259	1.524	19.4	81	2.8	199	10
13/03/24 13:20	54.828	16.755	71.583	1.646	19.5	80	2.6	200	09
13/03/24 13:25	19.234	14.190	33.424	1.724	19.3	79	2.5	197	12
13/03/24 13:30	5.860	8.262	14.123	1.733	19.7	78	2.0	177	19
13/03/24 13:35	33.190	22.016	55.206	1.716	19.9	76	2.2	187	15
13/03/24 13:40	85.661	14.266	99.927	1.875	20.0	75	1.9	181	23
13/03/24 13:45	46.995	8.194	55.189	2.028	20.0	75	1.9	175	23
13/03/24 13:50	5.136	4.951	10.087	1.981	20.1	75	1.8	172	22
13/03/24 13:55	3.883	5.371	9.254	1.875	20.1	74	2.5	169	26
13/03/24 14:00	99.569	14.104	113.673	1.967	19.9	75	3.3	206	10
13/03/24 14:05	12.700	4.315	17.016	2.140	19.4	77	3.0	212	05
13/03/24 14:10	0.881	1.797	2.677	2.101	19.2	77	3.2	212	07
13/03/24 14:15	1.082	1.801	2.882	2.035	19.3	78	3.1	204	08
13/03/24 14:20	1.182	1.430	2.611	1.910	19.4	77	3.4	212	05
13/03/24 14:25	1.116	1.882	2.998	1.745	19.4	78	3.2	200	11
13/03/24 14:30	1.755	1.487	3.241	1.702	19.6	78	3.4	211	06
13/03/24 14:35	1.130	0.546	1.676	1.625	19.3	79	3.8	211	05
13/03/24 14:40	7.556	4.347	11.904	1.529	19.3	78	3.7	205	08
13/03/24 14:45	1.172	1.486	2.658	1.469	19.3	78	3.5	201	08
13/03/24 14:50	1.034	1.821	2.855	1.495	19.5	77	3.4	206	08
13/03/24 14:55	1.596	1.911	3.507	1.543	19.5	77	3.8	203	07
13/03/24 15:00	1.246	1.780	3.026	1.549	19.3	78	3.9	205	08
13/03/24 15:05	6.727	3.771	10.498	1.609	19.4	78	3.9	200	09
13/03/24 15:10	2.028	1.346	3.375	1.658	19.6	78	3.8	199	07
13/03/24 15:15	18.909	3.125	22.034	1.557	19.8	76	4.0	202	06
13/03/24 15:20	3.348	2.846	6.194	1.599	20.0	75	4.2	205	08
13/03/24 15:25	2.419	1.938	4.358	1.554	19.9	74	3.8	201	08
13/03/24 15:30	1.812	2.126	3.938	1.485	20.0	75	3.7	203	08
13/03/24 15:35	1.386	2.277	3.664	1.354	20.1	74	3.6	202	07
13/03/24 15:40	1.848	3.248	5.096	1.334	20.1	74	3.2	200	09
13/03/24 15:45	1.937	1.792	3.729	1.298	20.1	75	3.2	200	08
13/03/24 15:50	2.049	1.738	3.787	1.360	20.1	75	3.2	202	08
13/03/24 15:55	1.477	0.997	2.475	1.311	20.1	75	2.8	203	09
13/03/24 16:00	1.300	1.362	2.663	1.255	19.9	74	3.2	209	08
13/03/24 16:05	0.961	1.064	2.025	1.262	19.9	76	2.8	201	08
13/03/24 16:10	8.439	4.005	12.444	1.253	19.9	75	2.6	200	09
13/03/24 16:15	-0.212	0.831	0.619	1.261	20.1	75	2.7	203	10
13/03/24 16:20	0.695	2.061	2.757	1.310	20.7	71	1.9	184	14
13/03/24 16:25	0.583	1.082	1.665	1.321	21.0	68	2.2	183	16
13/03/24 16:30	0.548	0.934	1.482	1.317	20.8	68	1.8	190	19
13/03/24 16:35	48.760	20.117	68.877	1.329	20.8	67	2.8	198	08
13/03/24 16:40	65.832	9.876	75.707	1.575	20.5	69	2.0	173	21
13/03/24 16:45	2.803	3.578	6.381	1.526	20.7	68	2.1	177	18
13/03/24 16:50	3.241	2.304	5.545	1.470	20.7	68	1.6	169	29
13/03/24 16:55	1.192	0.463	1.655	1.488	20.8	69	1.6	171	22
13/03/24 17:00	0.848	0.367	1.215	1.447	20.7	69	1.6	176	20
13/03/24 17:05	0.619	0.707	1.326	1.429	20.6	71	2.3	197	09
13/03/24 17:10	0.640	1.168	1.808	1.386	20.4	70	1.3	179	24
13/03/24 17:15	0.521	1.292	1.812	1.350	20.8	70	2.2	192	15
13/03/24 17:20	0.560	1.643	2.203	1.314	21.0	68	2.0	194	15
13/03/24 17:25	0.823	2.354	3.178	1.372	21.3	67	2.0	180	19
13/03/24 17:30	1.160	6.137	7.296	1.363	21.0	67	1.6	179	19
13/03/24 17:35	1.368	5.803	7.171	1.348	20.9	68	1.7	175	20
13/03/24 17:40	1.127	2.942	4.069	1.302	20.7	68	1.5	181	21
13/03/24 17:45	0.905	1.197	2.103	1.228	20.4	69	1.1	174	23
13/03/24 17:50	0.821	1.214	2.034	1.099	20.2	72	2.1	199	11
13/03/24 17:55	0.641	0.791	1.431	1.124	20.1	73	2.8	206	10
13/03/24 18:00	0.580	0.803	1.383	1.116	19.8	73	2.5	203	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/03/24 18:05	0.511	1.094	1.605	0.994	19.9	74	1.7	196	10
13/03/24 18:10	0.522	2.031	2.554	0.967	19.9	74	2.1	203	09
13/03/24 18:15	0.396	1.886	2.283	0.949	19.7	75	2.9	210	05
13/03/24 18:20	0.370	1.017	1.387	0.964	19.8	76	2.6	206	11
13/03/24 18:25	0.292	0.947	1.239	1.010	19.9	75	2.3	199	09
13/03/24 18:30	0.189	1.125	1.315	0.991	19.8	74	1.5	182	14
13/03/24 18:35	0.187	1.564	1.751	0.967	19.8	75	1.9	205	14
13/03/24 18:40	0.138	2.069	2.207	1.044	19.8	75	1.3	183	18
13/03/24 18:45	0.096	2.710	2.806	1.057	19.8	75	1.3	173	17
13/03/24 18:50	0.064	2.773	2.837	1.066	19.8	76	1.8	184	12
13/03/24 18:55	0.020	2.440	2.460	1.084	19.7	76	1.5	174	20
13/03/24 19:00	0.024	2.418	2.442	1.201	19.8	76	1.7	187	15
13/03/24 19:05	-0.039	2.480	2.441	1.186	19.8	75	2.1	192	09
13/03/24 19:10	-0.119	2.408	2.290	1.099	19.7	75	2.1	190	16
13/03/24 19:15	-0.130	2.331	2.201	0.994	19.7	76	1.6	180	20
13/03/24 19:20	-0.060	2.366	2.306	1.020	19.7	77	1.4	171	18
13/03/24 19:25	0.038	2.101	2.139	1.054	19.7	78	1.5	175	17
13/03/24 19:30	0.158	1.807	1.964	1.072	19.7	77	1.7	158	23
13/03/24 19:35	0.220	1.567	1.786	1.108	19.7	77	1.9	177	21
13/03/24 19:40	0.292	1.278	1.570	1.111	19.7	78	2.0	177	17
13/03/24 19:45	0.535	1.194	1.729	1.159	19.8	77	2.0	161	24
13/03/24 19:50	0.409	1.106	1.515	1.222	19.8	77	1.3	164	31
13/03/24 19:55	0.322	0.960	1.282	1.268	19.8	76	1.9	175	20
13/03/24 20:00	0.172	0.900	1.072	1.129	19.9	77	2.2	184	19
13/03/24 20:05	0.269	0.823	1.092	1.098	19.9	78	2.5	187	12
13/03/24 20:10	0.295	0.757	1.051	1.079	19.8	78	2.1	191	14
13/03/24 20:15	0.337	0.861	1.198	1.087	19.8	78	2.2	188	13
13/03/24 20:20	0.339	1.585	1.924	1.185	19.9	78	2.4	188	11
13/03/24 20:25	0.320	2.639	2.959	1.129	19.8	77	2.3	193	12
13/03/24 20:30	0.283	3.953	4.236	1.000	19.8	78	2.6	201	08
13/03/24 20:35	0.226	4.684	4.910	0.984	19.8	78	2.7	198	10
13/03/24 20:40	0.772	7.649	8.421	1.037	19.8	77	2.0	188	12
13/03/24 20:45	1.366	14.036	15.402	1.166	19.7	77	1.5	185	16
13/03/24 20:50	2.430	20.655	23.085	1.167	19.7	77	1.1	183	18
13/03/24 20:55	2.594	14.309	16.902	1.227	19.6	76	1.4	186	12
13/03/24 21:00	1.944	5.673	7.617	1.206	19.7	77	1.6	190	13
13/03/24 21:05	1.277	3.074	4.351	1.080	19.7	77	1.3	185	14
13/03/24 21:10	0.895	3.652	4.547	1.039	19.7	75	1.0	145	26
13/03/24 21:15	0.949	6.333	7.282	1.090	19.6	75	1.1	160	23
13/03/24 21:20	0.782	7.288	8.069	1.058	19.5	75	0.7	154	33
13/03/24 21:25	0.585	6.743	7.328	1.000	19.6	75	0.8	185	20
13/03/24 21:30	0.523	6.096	6.619	1.134	19.6	76	0.9	160	23
13/03/24 21:35	0.457	5.177	5.634	1.140	19.6	75	1.0	172	15
13/03/24 21:40	0.382	4.319	4.701	1.113	19.5	77	1.0	161	20
13/03/24 21:45	0.275	3.443	3.718	1.169	19.5	76	1.4	146	17
13/03/24 21:50	0.342	3.052	3.394	1.193	19.5	77	1.2	176	25
13/03/24 21:55	0.347	2.950	3.297	1.155	19.7	77	1.6	183	13
13/03/24 22:00	0.253	2.921	3.174	1.097	19.5	76	2.0	190	10
13/03/24 22:05	0.196	2.787	2.983	1.179	19.5	76	2.3	188	10
13/03/24 22:10	0.145	2.664	2.808	1.205	19.6	76	2.6	201	08
13/03/24 22:15	0.142	2.780	2.922	1.212	19.6	76	2.1	195	11
13/03/24 22:20	0.188	3.094	3.281	1.173	19.7	76	2.7	208	07
13/03/24 22:25	0.156	3.111	3.267	1.122	19.7	75	2.3	206	08
13/03/24 22:30	0.131	2.898	3.029	1.060	19.7	76	3.4	216	08
13/03/24 22:35	0.115	2.411	2.526	1.006	19.8	78	3.7	211	07
13/03/24 22:40	0.151	2.371	2.522	1.017	19.8	78	3.9	209	07
13/03/24 22:45	0.041	2.051	2.092	1.011	19.8	78	3.7	209	08
13/03/24 22:50	0.111	1.655	1.766	1.008	19.8	78	3.4	209	07
13/03/24 22:55	0.099	1.369	1.468	1.080	19.8	78	2.4	197	10
13/03/24 23:00	0.149	1.227	1.376	1.131	19.7	78	2.2	190	10
13/03/24 23:05	0.052	1.349	1.401	1.029	19.6	78	2.2	188	10
13/03/24 23:10	0.046	1.455	1.501	1.048	19.7	79	2.5	187	10
13/03/24 23:15	0.084	1.574	1.658	0.950	19.6	78	2.6	191	09
13/03/24 23:20	0.052	1.622	1.673	0.883	19.6	78	2.2	189	12
13/03/24 23:25	0.060	1.548	1.608	0.921	19.7	79	3.5	202	09
13/03/24 23:30	0.138	1.333	1.472	0.919	19.7	79	2.4	191	11
13/03/24 23:35	0.035	1.245	1.279	0.840	19.7	80	2.0	191	14
13/03/24 23:40	0.030	1.244	1.273	0.891	19.6	79	2.2	193	11
13/03/24 23:45	0.095	1.327	1.422	0.903	19.7	80	3.8	209	07
13/03/24 23:50	-0.002	1.441	1.439		19.8	80	3.5	218	04
13/03/24 23:55	-0.019	1.532	1.513		19.9	79	3.2	209	08
14/03/24 00:00	0.001	1.411	1.413	0.907	19.8	80	3.4	209	08
14/03/24 00:05	-0.006	1.324	1.318	1.035	19.8	82	4.6	223	04
14/03/24 00:10	0.063	1.226	1.289	1.122	19.7	82	4.5	221	06
14/03/24 00:15	0.019	1.189	1.208	1.149	19.7	81	4.8	220	05
14/03/24 00:20	0.131	1.209	1.339	1.159	19.8	80	5.0	215	04
14/03/24 00:25	0.305	1.124	1.429	1.173	19.8	80	4.5	213	05
14/03/24 00:30	0.312	1.056	1.368	1.164	19.9	80	4.2	220	06
14/03/24 00:35	0.294	0.992	1.286	1.153	19.8	80	4.1	215	06
14/03/24 00:40	0.111	0.929	1.040	1.204	19.8	81	4.3	218	08
14/03/24 00:45	0.202	0.873	1.075	1.187	19.8	79	4.2	216	04
14/03/24 00:50	0.194	0.896	1.091	1.137	19.8	80	3.7	215	07
14/03/24 00:55	0.206	0.776	0.982	1.108	19.7	80	4.3	214	05
14/03/24 01:00	0.248	0.793	1.040	1.081	19.8	80	3.3	202	06
14/03/24 01:05					19.8	81	3.8	205	07
14/03/24 01:10					19.9	82	4.1	213	07
14/03/24 01:15					19.8	83	4.3	219	05
14/03/24 01:20					19.9	82	4.0	222	05
14/03/24 01:25					19.8	82	4.6	229	08
14/03/24 01:30					19.6	82	4.6	225	07
14/03/24 01:35					19.6	82	4.4	231	06
14/03/24 01:40					19.6	80	4.9	236	05
14/03/24 01:45					19.5	77	4.7	238	04
14/03/24 01:50					19.5	77	4.3	249	09
14/03/24 01:55					19.3	76	4.6	252	07
14/03/24 02:00					19.3	75	4.1	254	08
14/03/24 02:05	0.826	7.178	8.004	0.970	19.2	74	4.3	256	06
14/03/24 02:10	1.368	12.232	13.600	0.961	19.1	73	4.0	250	09
14/03/24 02:15	1.441	9.087	10.527	0.960	19.1	74	3.5	246	10
14/03/24 02:20	1.303	7.205	8.508	0.951	19.1	75	3.7	249	11
14/03/24 02:25	1.199	5.730	6.929	0.996	19.1	74	3.4	254	08
14/03/24 02:30	1.043	6.042	7.086	1.079	19.2	75	3.6	246	06
14/03/24 02:35	1.031	7.097	8.128	1.136	19.1	76	3.1	258	08
14/03/24 02:40	1.883	17.625	19.508	1.257	19.1	77	3.7	262	06
14/03/24 02:45	3.478	19.931	23.409	1.271	18.9	78	3.9	264	07
14/03/24 02:50	3.614	10.580	14.194	1.239	18.8	80	4.6	262	07
14/03/24 02:55	4.520	18.870	23.390	1.230	18.6	82	3.7	258	08
14/03/24 03:00	6.116	18.690	24.806	1.179	18.4	83	3.9	263	08

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/03/24 03:05	7.439	17.793	25.232	1.156	18.4	83	3.9	263	05
14/03/24 03:10	7.528	13.641	21.169	1.204	18.2	83	3.6	263	06
14/03/24 03:15	5.753	11.446	17.199	1.217	18.2	84	3.5	267	06
14/03/24 03:20	2.086	11.651	13.736	1.265	18.3	84	2.6	271	11
14/03/24 03:25	1.408	11.498	12.907	1.177	18.2	84	2.8	273	10
14/03/24 03:30	0.995	10.877	11.872	1.183	18.2	83	3.2	271	08
14/03/24 03:35	0.787	10.100	10.887	1.281	18.1	83	3.7	264	08
14/03/24 03:40	0.790	10.001	10.791	1.364	18.1	83	3.3	265	07
14/03/24 03:45	1.022	10.445	11.466	1.305	18.1	83	3.4	266	06
14/03/24 03:50	1.518	11.018	12.536	1.305	18.0	83	4.0	260	05
14/03/24 03:55	2.718	11.793	14.511	1.293	18.0	83	3.8	261	08
14/03/24 04:00	4.630	18.406	23.036	1.369	18.1	83	3.4	262	05
14/03/24 04:05	15.546	16.736	32.282	1.420	18.1	84	3.4	256	07
14/03/24 04:10	21.388	17.801	39.189	1.440	18.2	83	3.3	255	08
14/03/24 04:15	11.127	15.051	26.179	1.455	18.1	84	3.3	249	10
14/03/24 04:20	4.984	11.496	16.481	1.438	18.0	84	3.1	249	11
14/03/24 04:25	3.888	10.869	14.757	1.419	18.1	85	2.8	241	10
14/03/24 04:30	2.999	10.090	13.089	1.421	18.1	85	2.7	254	08
14/03/24 04:35	2.681	10.915	13.596	1.449	18.1	85	3.0	249	09
14/03/24 04:40	2.534	12.868	15.403	1.504	18.1	85	2.8	253	10
14/03/24 04:45	9.489	11.724	21.212	1.551	17.9	86	2.9	254	09
14/03/24 04:50	21.447	19.188	40.635	1.613	18.0	86	3.5	260	06
14/03/24 04:55	26.544	19.327	45.871	1.627	18.0	86	3.8	259	05
14/03/24 05:00	25.401	19.817	45.219	1.715	17.9	86	3.5	247	07
14/03/24 05:05	5.480	11.845	17.325	1.655	18.0	87	3.4	243	09
14/03/24 05:10	2.565	10.123	12.688	1.615	17.8	87	3.7	242	06
14/03/24 05:15	1.532	6.567	8.099	1.626	18.0	87	3.4	246	07
14/03/24 05:20	14.715	8.583	23.299	1.501	18.0	88	3.5	241	08
14/03/24 05:25	36.092	14.806	50.898	1.499	18.1	88	2.4	233	08
14/03/24 05:30	61.952	18.212	80.164	1.643	18.2	88	2.2	216	17
14/03/24 05:35	0.161	7.167	7.328	1.732	18.5	84	1.5	136	46
14/03/24 05:40	0.490	10.268	10.758	1.740	18.4	81	2.4	94	07
14/03/24 05:45	0.925	12.146	13.072	1.723	18.2	82	2.3	97	07
14/03/24 05:50	0.953	12.694	13.648	1.769	18.1	82	2.0	91	09
14/03/24 05:55	1.245	13.303	14.548	1.740	18.0	82	1.7	88	11
14/03/24 06:00	2.091	13.195	15.285	1.682	18.0	82	1.8	91	10
14/03/24 06:05	1.707	13.753	15.460	1.686	18.0	82	1.9	90	11
14/03/24 06:10	1.700	13.384	15.084	1.636	18.1	82	1.8	89	11
14/03/24 06:15	1.809	13.240	15.049	1.643	18.3	82	1.8	95	08
14/03/24 06:20	1.887	13.068	14.955	1.561	18.4	82	1.9	107	12
14/03/24 06:25	1.722	12.668	14.389	1.521	18.4	83	2.0	115	19
14/03/24 06:30	1.357	10.695	12.052	1.538	18.7	83	1.9	118	16
14/03/24 06:35	1.656	6.979	8.635	1.473	18.7	83	1.8	117	12
14/03/24 06:40	0.842	5.435	6.278	1.443	18.8	84	1.8	107	10
14/03/24 06:45	0.738	5.920	6.658	1.430	18.8	83	1.4	115	17
14/03/24 06:50	0.895	6.331	7.225	1.449	18.8	83	2.2	114	13
14/03/24 06:55	0.955	6.785	7.740	1.475	18.9	83	1.6	116	14
14/03/24 07:00	0.707	7.048	7.755	1.384	18.9	83	1.6	115	16
14/03/24 07:05	0.687	6.600	7.287	1.391	18.9	83	1.3	132	19
14/03/24 07:10	0.652	6.260	6.911	1.429	18.9	84	1.1	154	32
14/03/24 07:15	0.482	5.572	6.053	1.455	18.8	84	1.4	147	22
14/03/24 07:20	0.365	5.227	5.592	1.473	18.8	84	1.7	155	26
14/03/24 07:25	0.333	4.799	5.131	1.412	19.0	84	1.9	140	19
14/03/24 07:30	0.509	4.974	5.483	1.364	19.0	84	1.7	138	26
14/03/24 07:35	0.571	4.788	5.359	1.272	19.1	84	1.9	147	25
14/03/24 07:40	0.882	4.470	5.352	1.370	19.2	84	2.2	138	18
14/03/24 07:45	1.351	4.684	6.035	1.480	19.3	83	1.6	125	22
14/03/24 07:50	2.089	5.969	8.057	1.477	19.4	83	1.4	122	21
14/03/24 07:55	2.534	7.532	10.066	1.486	19.4	83	2.3	117	15
14/03/24 08:00	2.461	7.495	9.956	1.396	19.3	83	1.9	117	18
14/03/24 08:05	2.373	7.288	9.661	1.341	19.4	82	2.0	125	19
14/03/24 08:10	2.600	7.056	9.657	1.310	19.4	82	2.1	114	13
14/03/24 08:15	2.669	6.820	9.490	1.277	19.4	81	1.8	132	14
14/03/24 08:20	2.440	6.004	8.444	1.260	19.6	80	1.4	157	29
14/03/24 08:25	1.901	4.730	6.631	1.225	19.6	80	1.5	147	21
14/03/24 08:30	1.413	2.386	3.799	1.212	19.6	80	1.3	158	30
14/03/24 08:35	1.170	1.549	2.719	1.225	19.7	80	1.5	149	22
14/03/24 08:40	0.980	1.571	2.550	1.300	19.9	80	1.3	143	24
14/03/24 08:45	0.989	1.858	2.847	1.365	19.9	80	1.8	135	18
14/03/24 08:50	0.925	1.912	2.838	1.367	20.0	80	1.4	158	26
14/03/24 08:55	0.868	1.964	2.832	1.364	20.3	79	1.0	169	28
14/03/24 09:00	0.878	2.058	2.937	1.396	20.6	78	1.2	173	25
14/03/24 09:05	0.969	2.207	3.176	1.378	20.8	78	1.4	176	23
14/03/24 09:10	1.092	2.430	3.522	1.336	21.1	77	1.6	183	17
14/03/24 09:15	1.251	2.621	3.872	1.411	21.1	77	1.4	180	21
14/03/24 09:20	1.374	2.756	4.131	1.501	21.1	76	1.6	174	20
14/03/24 09:25	1.348	2.804	4.152	1.489	21.4	75	1.7	160	21
14/03/24 09:30	1.310	2.681	3.991	1.491	21.5	75	1.8	168	25
14/03/24 09:35	1.186	2.620	3.805	1.543	21.7	75	2.1	174	20
14/03/24 09:40	1.252	2.513	3.765	1.535	21.8	74	2.3	171	20
14/03/24 09:45	1.212	2.409	3.621	1.544	22.0	73	1.8	168	22
14/03/24 09:50	1.252	2.408	3.660	1.488	22.2	73	1.9	175	21
14/03/24 09:55	1.257	2.573	3.830	1.363	22.3	72	2.3	180	15
14/03/24 10:00	1.445	2.689	4.134	1.316	22.4	72	2.5	190	15
14/03/24 10:05	1.440	2.775	4.215	1.394	22.3	71	2.6	186	14
14/03/24 10:10	1.372	2.892	4.264	1.419	22.4	71	2.6	184	18
14/03/24 10:15	1.333	2.881	4.215	1.420	22.7	70	2.6	183	15
14/03/24 10:20	1.265	2.893	4.158	1.324	22.5	71	3.3	186	14
14/03/24 10:25	1.254	2.796	4.049	1.253	22.2	72	3.4	187	12
14/03/24 10:30	1.034	2.634	3.668	1.281	22.2	72	3.1	188	13
14/03/24 10:35	0.906	2.381	3.287	1.383	22.1	73	3.5	187	12
14/03/24 10:40	0.695	2.218	2.913	1.246	22.0	73	3.2	189	11
14/03/24 10:45	0.720	2.061	2.781	1.222	21.9	73	3.3	186	11
14/03/24 10:50	0.699	1.957	2.656	1.224	22.0	74	3.2	190	12
14/03/24 10:55	0.683	1.955	2.639	1.189	21.9	74	3.3	191	13
14/03/24 11:00	0.664	1.894	2.557	1.218	21.9	74	3.6	197	11
14/03/24 11:05	0.591	1.835	2.427	1.288	21.6	76	3.7	195	10
14/03/24 11:10	0.550	1.870	2.420	1.277	21.7	76	3.3	197	10
14/03/24 11:15	0.505	1.832	2.337	1.302	21.9	74	3.2	193	12
14/03/24 11:20	0.495	1.792	2.287	1.291	22.3	72	3.2	197	10
14/03/24 11:25	0.505	1.701	2.205	1.291	22.7	71	3.2	194	12
14/03/24 11:30	0.492	1.736	2.229	1.301	22.6	71	3.5	196	10
14/03/24 11:35	0.353	1.613	1.966	1.349	22.7	70	3.5	192	11
14/03/24 11:40	0.413	1.624	2.037	1.375	22.8	69	3.4	190	14
14/03/24 11:45	0.333	1.593	1.926	1.331	22.8	69	3.7	197	13
14/03/24 11:50	0.267	1.506	1.773	1.319	22.5	70	5.0	200	05
14/03/24 11:55	0.255	1.430	1.686	1.403	22.2	71	5.7	202	04
14/03/24 12:00	0.290	1.326	1.616	1.330	22.0	73	6.0	200	04

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/03/24 12:05	0.327	1.242	1.569	1.301	21.9	77	6.3	202	05
14/03/24 12:10	0.356	1.122	1.478	1.273	21.7	81	7.1	202	04
14/03/24 12:15	0.292	1.138	1.430	1.255	21.5	83	7.9	206	04
14/03/24 12:20	0.354	1.163	1.516	1.232	21.3	84	8.1	204	03
14/03/24 12:25	0.639	1.442	2.082	1.259	21.4	83	8.4	203	04
14/03/24 12:30	0.887	1.731	2.618	1.257	21.3	83	8.1	203	04
14/03/24 12:35	0.818	1.565	2.383	1.191	21.2	84	8.7	202	05
14/03/24 12:40	0.662	1.410	2.071	1.215	21.2	83	8.4	200	04
14/03/24 12:45	0.506	1.291	1.796	1.146	21.5	81	7.7	199	05
14/03/24 12:50	0.428	1.209	1.636	1.069	21.6	81	8.3	201	05
14/03/24 12:55	0.360	1.095	1.455	1.016	21.4	82	8.9	203	04
14/03/24 13:00	0.280	0.954	1.234	0.964	21.3	83	8.7	204	04
14/03/24 13:05	0.288	0.875	1.162	1.005	21.2	83	9.3	203	05
14/03/24 13:10	0.358	0.886	1.245	1.015	21.3	80	9.2	201	04
14/03/24 13:15	0.200	0.798	0.998	1.063	21.1	83	9.1	204	04
14/03/24 13:20	0.136	0.730	0.866	0.951	21.2	81	8.9	201	05
14/03/24 13:25	0.106	0.695	0.801	0.910	21.1	81	9.0	203	05
14/03/24 13:30	0.040	0.667	0.707	0.973	21.1	80	8.7	202	05
14/03/24 13:35	-0.040	0.686	0.646	0.922	21.1	80	8.2	202	05
14/03/24 13:40	0.040	0.575	0.615	0.819	20.9	81	8.6	204	04
14/03/24 13:45	0.050	0.554	0.604	0.766	20.8	81	8.9	202	06
14/03/24 13:50	0.165	0.493	0.658	0.777	21.1	78	8.0	199	06
14/03/24 13:55	0.244	0.442	0.685	0.908	21.3	74	7.4	195	07
14/03/24 14:00	0.358	0.467	0.824	0.987	21.5	74	6.6	196	09
14/03/24 14:05	1.267	1.125	2.392	0.998	21.6	73	7.4	197	07
14/03/24 14:10	1.959	1.937	3.896	1.014	21.7	73	6.4	196	08
14/03/24 14:15	0.767	1.142	1.909	1.053	21.7	73	6.6	194	08
14/03/24 14:20	0.415	0.904	1.319	0.991	21.6	73	6.1	189	11
14/03/24 14:25	0.373	0.841	1.214	0.958	21.8	73	5.3	194	11
14/03/24 14:30	0.370	0.878	1.249	0.940	21.6	72	6.4	196	06
14/03/24 14:35	0.598	1.131	1.729	0.910	21.6	72	7.2	198	06
14/03/24 14:40	0.980	1.765	2.745	0.884	21.6	73	6.3	192	09
14/03/24 14:45	1.519	2.211	3.730	0.796	21.8	70	6.2	189	09
14/03/24 14:50	1.361	2.098	3.459	0.790	21.6	69	6.8	196	07
14/03/24 14:55	1.306	2.029	3.334	0.853	21.6	70	6.7	196	07
14/03/24 15:00	1.217	1.988	3.205	1.024	21.6	70	6.3	197	08
14/03/24 15:05	0.979	1.798	2.777	1.187	21.6	70	7.5	200	06
14/03/24 15:10	0.667	1.523	2.189	1.177	21.4	72	7.4	200	06
14/03/24 15:15	1.377	1.583	2.960	1.289	21.5	70	6.5	196	09
14/03/24 15:20	0.982	1.494	2.475	1.206	21.6	68	6.6	197	07
14/03/24 15:25	0.917	1.211	2.128	1.065	21.8	67	6.8	195	07
14/03/24 15:30	0.894	1.385	2.279	1.117	21.5	70	7.6	200	04
14/03/24 15:35	0.777	1.493	2.270	1.047	21.6	69	6.6	197	08
14/03/24 15:40	0.613	1.447	2.059	0.957	21.6	70	7.3	199	06
14/03/24 15:45	0.465	1.226	1.691	0.978	21.5	70	7.0	198	08
14/03/24 15:50	0.296	1.073	1.369	1.031	21.7	69	6.5	195	08
14/03/24 15:55	0.204	0.944	1.148	1.005	21.7	69	6.7	196	07
14/03/24 16:00	0.110	0.892	1.002	1.012	21.4	70	8.4	197	06
14/03/24 16:05	0.068	0.816	0.885	1.065	21.4	71	7.9	198	07
14/03/24 16:10	0.043	0.847	0.890	1.169	21.6	70	7.3	196	07
14/03/24 16:15	0.095	0.871	0.966	1.286	21.4	70	7.2	194	07
14/03/24 16:20	0.187	0.896	1.082	1.255	21.5	70	7.1	194	08
14/03/24 16:25	0.141	0.906	1.047	1.234	21.6	69	6.3	193	09
14/03/24 16:30	0.235	0.973	1.207	1.204	21.6	69	6.2	193	09
14/03/24 16:35	0.363	0.967	1.330	1.159	21.7	69	5.7	191	09
14/03/24 16:40	0.354	1.077	1.432	1.170	21.7	67	6.5	191	09
14/03/24 16:45	0.318	1.146	1.463	1.103	21.6	68	6.2	191	10
14/03/24 16:50	0.287	1.237	1.525	1.069	21.4	68	6.0	191	11
14/03/24 16:55	0.289	1.245	1.534	1.089	21.6	68	5.6	190	12
14/03/24 17:00	0.309	1.292	1.601	1.006	21.5	68	5.3	191	13
14/03/24 17:05	0.348	1.308	1.655	0.919	21.1	69	5.8	188	10
14/03/24 17:10	0.225	1.312	1.537	0.871	20.9	72	5.7	188	10
14/03/24 17:15	0.162	1.168	1.330	0.840	20.7	71	5.8	188	10
14/03/24 17:20	0.284	1.021	1.305	0.869	20.7	72	5.3	188	11
14/03/24 17:25	0.407	0.850	1.257	0.985	20.8	72	3.9	180	19
14/03/24 17:30	0.296	0.756	1.052	0.992	20.8	71	4.6	183	12
14/03/24 17:35	0.190	0.728	0.917	0.985	20.7	71	5.1	187	12
14/03/24 17:40	0.169	0.764	0.932	0.991	20.6	71	5.3	187	08
14/03/24 17:45	0.111	0.799	0.910	1.148	20.5	72	4.3	179	17
14/03/24 17:50	0.155	0.800	0.955	1.224	20.6	72	4.1	179	15
14/03/24 17:55	0.211	0.819	1.030	1.134	20.6	72	3.8	174	20
14/03/24 18:00	0.178	0.758	0.937	1.057	20.5	71	3.7	175	20
14/03/24 18:05	0.162	0.740	0.903	1.060	20.5	72	3.9	180	18
14/03/24 18:10	0.133	0.762	0.895	1.061	20.4	72	4.3	182	14
14/03/24 18:15	0.077	0.801	0.878	1.081	20.4	73	3.5	173	20
14/03/24 18:20	-0.010	0.715	0.705	1.064	20.4	74	3.6	178	21
14/03/24 18:25	0.075	0.686	0.761	1.015	20.3	73	4.2	174	14
14/03/24 18:30	0.097	0.747	0.844	0.959	20.3	73	5.0	185	15
14/03/24 18:35	0.090	0.960	1.050	1.007	20.1	73	4.3	181	15
14/03/24 18:40	0.234	1.004	1.238	0.987	20.1	74	4.6	188	12
14/03/24 18:45	0.185	0.965	1.149	0.903	20.0	73	4.7	183	15
14/03/24 18:50	0.105	0.876	0.981	0.850	19.8	73	4.1	183	14
14/03/24 18:55	0.115	0.792	0.907	0.893	19.9	74	4.9	184	12
14/03/24 19:00	0.154	0.668	0.822	0.964	19.9	74	4.1	175	18
14/03/24 19:05	0.197	0.619	0.816	1.042	19.9	74	3.8	178	13
14/03/24 19:10	0.062	0.655	0.717	1.011	19.9	74	4.0	176	21
14/03/24 19:15	0.041	0.601	0.642	0.906	19.8	72	4.1	168	18
14/03/24 19:20	0.143	0.571	0.713	0.966	19.8	73	3.9	183	16
14/03/24 19:25	0.222	0.476	0.698	1.014	19.8	74	4.8	182	14
14/03/24 19:30	0.205	0.420	0.625	0.911	19.7	75	4.1	181	14
14/03/24 19:35	0.096	0.363	0.459	0.842	19.8	76	4.2	184	14
14/03/24 19:40	0.050	0.424	0.474	0.879	19.6	73	5.4	187	12
14/03/24 19:45	0.031	0.458	0.488	0.820	19.7	75	3.8	177	21
14/03/24 19:50	0.000	0.441	0.442	0.852	19.7	75	3.1	181	19
14/03/24 19:55	0.055	0.428	0.483	0.823	19.8	74	3.3	176	21
14/03/24 20:00	0.133	0.406	0.539	0.813	19.8	75	3.5	175	19
14/03/24 20:05	0.143	0.514	0.658	0.844	19.7	75	4.0	181	14
14/03/24 20:10	0.116	0.520	0.636	0.869	19.7	74	4.5	176	17
14/03/24 20:15	0.153	0.473	0.627	0.816	19.7	75	4.1	185	16
14/03/24 20:20	0.137	0.470	0.607	0.828	19.7	74	4.3	177	18
14/03/24 20:25	0.166	0.407	0.573	0.822	19.8	76	3.9	179	18
14/03/24 20:30	0.060	0.396	0.456	0.895	19.7	77	4.3	183	15
14/03/24 20:35	0.057	0.423	0.479	0.816	19.8	77	4.3	183	14
14/03/24 20:40	0.018	0.370	0.388	0.797	19.6	77	4.5	183	14
14/03/24 20:45	-0.042	0.418	0.376	0.869	19.7	79	4.7	183	13
14/03/24 20:50	-0.070	0.459	0.389	0.888	19.7	77	4.3	177	17
14/03/24 20:55	0.062	0.453	0.515	0.973	19.7	77	4.6	182	16
14/03/24 21:00	0.578	0.375	0.954	1.095	19.7	78	4.1	172	21

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/03/24 21:05				1.138	19.6	79	3.7	176	18
14/03/24 21:10	0.511	0.596	1.107	1.091	19.7	78	4.1	180	22
14/03/24 21:15	0.228	0.689	0.917	1.039	19.7	79	3.4	171	26
14/03/24 21:20	0.180	0.681	0.862	0.937	19.6	79	3.8	174	22
14/03/24 21:25	0.111	0.651	0.761	0.899	19.7	79	3.7	173	18
14/03/24 21:30	0.012	0.629	0.640	0.897	19.6	80	2.9	166	27
14/03/24 21:35	-0.004	0.585	0.581	0.872	19.6	80	3.1	167	27
14/03/24 21:40	0.146	0.466	0.612	0.897	19.6	80	3.3	170	25
14/03/24 21:45	0.047	0.484	0.531	0.853	19.6	80	3.6	163	27
14/03/24 21:50	0.038	0.444	0.482	0.806	19.5	79	3.5	160	28
14/03/24 21:55	0.050	0.388	0.438	0.770	19.5	80	3.8	155	22
14/03/24 22:00	0.002	0.444	0.446	0.703	19.5	79	4.1	148	21
14/03/24 22:05	-0.038	0.481	0.443	0.742	19.4	80	4.0	152	25
14/03/24 22:10	0.020	0.468	0.488	0.881	19.5	81	3.0	164	27
14/03/24 22:15	0.019	0.464	0.483	1.021	19.4	80	3.1	158	28
14/03/24 22:20	0.044	0.494	0.538	1.079	19.3	80	3.1	158	25
14/03/24 22:25	0.167	0.509	0.676	1.126	19.4	81	3.3	157	29
14/03/24 22:30	0.154	0.621	0.775	1.060	19.3	83	2.6	162	29
14/03/24 22:35	0.102	0.692	0.794	1.036	19.4	83	2.4	166	30
14/03/24 22:40	0.039	0.618	0.657	0.936	19.4	83	2.5	162	25
14/03/24 22:45	0.051	0.598	0.648	0.960	19.4	83	2.9	158	24
14/03/24 22:50	0.102	0.563	0.665	0.918	19.4	81	6.0	143	10
14/03/24 22:55	0.052	0.589	0.641	0.964	19.5	83	3.5	155	25
14/03/24 23:00	0.036	0.628	0.663	1.130	19.5	83	3.4	151	22
14/03/24 23:05	-0.069	0.644	0.575	1.163	19.6	82	5.0	142	16
14/03/24 23:10	-0.027	0.631	0.604	1.101	19.6	81	4.6	147	20
14/03/24 23:15	0.115	0.600	0.715	1.101	19.4	81	5.2	137	10
14/03/24 23:20	0.215	0.546	0.761	1.085	19.4	82	4.1	144	16
14/03/24 23:25	0.153	0.541	0.694	1.016	19.5	83	4.3	140	13
14/03/24 23:30	0.069	0.558	0.626	0.998	19.5	81	3.5	152	20
14/03/24 23:35	0.019	0.657	0.677	0.984	19.5	81	4.3	137	16
14/03/24 23:40	-0.037	0.712	0.676	1.073	19.5	82	3.6	135	17
14/03/24 23:45	0.032	0.744	0.776	1.182	19.5	81	3.0	135	18
14/03/24 23:50	0.035	0.804	0.840		19.6	82	3.3	137	17
14/03/24 23:55	-0.051	0.849	0.798		19.5	81	3.3	136	17
15/03/24 00:00	-0.028	0.800	0.772	1.094	19.5	81	3.2	133	17
15/03/24 00:05	0.040	0.760	0.801	0.797	19.4	82	2.5	124	20
15/03/24 00:10	0.078	0.775	0.853	0.560	19.3	82	2.7	137	17
15/03/24 00:15	0.085	0.839	0.924	0.483	19.3	83	3.2	143	20
15/03/24 00:20	0.163	0.784	0.947	0.383	19.3	83	3.1	135	16
15/03/24 00:25	0.122	0.745	0.867	0.289	19.4	83	4.3	143	11
15/03/24 00:30	0.128	0.734	0.862	0.260	19.3	82	3.8	142	18
15/03/24 00:35	0.089	0.749	0.838	0.255	19.3	83	3.7	144	18
15/03/24 00:40	0.098	0.774	0.872	0.166	19.3	82	4.3	141	13
15/03/24 00:45	0.070	0.782	0.852	0.132	19.2	82	3.4	141	18
15/03/24 00:50	0.020	0.850	0.870	0.020	19.2	83	3.6	143	18
15/03/24 00:55	-0.015	0.890	0.875	0.088	19.2	83	3.9	142	16
15/03/24 01:00	0.040	0.882	0.923	0.191	19.2	83	4.3	139	16
15/03/24 01:05					19.2	82	4.4	137	10
15/03/24 01:10					19.2	82	4.0	134	13
15/03/24 01:15					19.2	82	3.6	136	16
15/03/24 01:20					19.3	83	4.9	138	12
15/03/24 01:25					19.4	82	4.9	137	10
15/03/24 01:30					19.3	82	4.6	137	13
15/03/24 01:35					19.2	82	4.3	133	16
15/03/24 01:40					19.1	83	4.5	138	14
15/03/24 01:45					19.1	83	4.7	134	12
15/03/24 01:50					19.0	82	4.7	131	14
15/03/24 01:55					19.1	83	4.4	135	14
15/03/24 02:00					19.0	83	3.5	132	16
15/03/24 02:05	0.112	1.440	1.552	0.253	18.9	83	4.7	136	12
15/03/24 02:10	0.070	1.579	1.649	0.264	18.9	84	4.1	131	13
15/03/24 02:15	0.008	1.669	1.678	0.302	18.8	84	4.1	133	14
15/03/24 02:20	-0.039	1.822	1.783	0.356	18.8	84	4.1	135	13
15/03/24 02:25	-0.017	1.908	1.891	0.283	18.8	84	4.1	135	15
15/03/24 02:30	-0.070	2.020	1.950	0.254	18.8	85	4.3	138	13
15/03/24 02:35	-0.088	2.131	2.043	0.241	18.8	84	4.8	139	18
15/03/24 02:40	-0.092	2.242	2.150	0.310	18.7	84	4.5	137	12
15/03/24 02:45	-0.165	2.251	2.086	0.273	18.6	85	4.5	134	14
15/03/24 02:50	-0.139	2.179	2.039	0.235	18.5	85	4.6	135	14
15/03/24 02:55	-0.174	2.201	2.027	0.158	18.5	85	5.0	138	13
15/03/24 03:00	-0.079	2.289	2.210	0.055	18.4	85	3.0	125	20
15/03/24 03:05	-0.049	2.373	2.324	0.095	18.3	86	2.8	120	20
15/03/24 03:10	-0.011	2.470	2.459	0.180	18.4	86	3.1	118	13
15/03/24 03:15	-0.074	2.652	2.577	0.191	18.4	87	3.7	115	11
15/03/24 03:20	-0.140	2.862	2.722	0.131	18.4	87	3.0	114	13
15/03/24 03:25	-0.249	3.052	2.803	0.122	18.3	86	3.7	114	12
15/03/24 03:30	-0.338	3.273	2.935	0.129	18.2	86	3.1	113	12
15/03/24 03:35	-0.332	3.476	3.145	0.065	18.1	86	2.8	118	17
15/03/24 03:40	-0.298	3.765	3.467	0.116	18.0	87	2.9	105	10
15/03/24 03:45	-0.254	3.985	3.732	0.216	17.9	84	2.0	97	11
15/03/24 03:50	-0.155	4.174	4.019	0.246	17.6	86	2.1	108	09
15/03/24 03:55	-0.124	4.470	4.346	0.270	17.7	87	2.2	120	18
15/03/24 04:00	-0.021	4.942	4.921	0.285	17.8	87	2.6	123	14
15/03/24 04:05	-0.022	5.800	5.778	0.216	17.7	87	2.3	122	18
15/03/24 04:10	-0.032	6.706	6.674	0.277	17.8	87	3.1	118	12
15/03/24 04:15	-0.070	7.203	7.132	0.331	17.9	87	3.2	119	12
15/03/24 04:20	-0.069	6.951	6.882	0.365	17.8	87	3.3	120	14
15/03/24 04:25	0.644	6.958	7.603	0.318	18.0	88	2.1	118	21
15/03/24 04:30	0.207	6.385	6.592	0.268	17.9	87	3.2	116	15
15/03/24 04:35	-0.006	6.171	6.164	0.334	17.9	87	3.8	113	09
15/03/24 04:40	0.028	6.122	6.151	0.313	17.9	87	4.6	113	08
15/03/24 04:45	-0.021	6.448	6.427	0.219	17.9	86	3.9	106	08
15/03/24 04:50	-0.083	7.027	6.944	0.127	17.7	86	4.3	100	09
15/03/24 04:55	0.020	7.661	7.681	0.076	17.5	85	3.9	101	08
15/03/24 05:00	0.145	8.189	8.334	0.062	17.6	87	4.2	104	08
15/03/24 05:05	0.221	8.666	8.887	0.140	17.7	87	4.2	107	09
15/03/24 05:10	0.155	8.768	8.924	0.184	17.7	87	4.5	105	07
15/03/24 05:15	0.076	8.852	8.928	0.121	17.8	88	4.3	111	09
15/03/24 05:20	0.105	8.630	8.735	0.157	17.9	87	4.2	113	13
15/03/24 05:25	0.209	8.400	8.609	0.094	17.9	87	4.7	112	08
15/03/24 05:30	0.194	8.529	8.722	0.080	17.9	87	4.3	104	09
15/03/24 05:35	0.292	8.849	9.141	0.105	17.8	86	4.1	105	08
15/03/24 05:40	0.242	9.439	9.681	0.072	17.8	86	4.0	102	10
15/03/24 05:45	0.343	9.954	10.297	0.082	17.7	86	4.8	104	10
15/03/24 05:50	0.408	10.326	10.733	0.162	17.7	86	4.5	105	07
15/03/24 05:55	0.587	10.879	11.466	0.215	17.8	86	4.7	103	07
15/03/24 06:00	0.797	11.331	12.128	0.265	17.8	87	5.3	105	10

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/03/24 06:05	1.628	12.082	13.710	0.313	17.7	86	5.4	102	08
15/03/24 06:10	1.737	12.918	14.656	0.212	17.7	86	5.5	104	09
15/03/24 06:15	2.136	13.422	15.558	0.239	17.6	86	5.2	102	09
15/03/24 06:20	2.309	13.662	15.971	0.183	17.6	87	4.5	101	08
15/03/24 06:25	2.395	14.012	16.406	0.179	17.7	87	5.0	105	06
15/03/24 06:30	2.471	14.188	16.659	0.224	17.6	87	5.5	103	07
15/03/24 06:35	2.627	14.141	16.768	0.344	17.7	87	4.8	101	08
15/03/24 06:40	2.961	14.075	17.037	0.375	17.7	86	4.9	101	09
15/03/24 06:45	3.368	13.860	17.227	0.352	17.7	84	4.0	92	11
15/03/24 06:50	3.751	13.487	17.238	0.406	17.7	84	4.0	100	11
15/03/24 06:55	3.875	12.978	16.853	0.551	17.8	84	3.8	98	10
15/03/24 07:00	3.996	12.572	16.568	0.559	17.9	85	3.8	104	08
15/03/24 07:05	4.493	12.324	16.817	0.502	17.9	85	4.4	105	08
15/03/24 07:10	4.436	11.691	16.126	0.480	17.9	86	4.4	104	09
15/03/24 07:15	4.344	10.441	14.785	0.498	18.3	86	4.9	108	08
15/03/24 07:20	4.286	9.346	13.632	0.490	18.5	85	5.1	107	06
15/03/24 07:25	4.292	8.977	13.270	0.585	18.5	83	4.2	103	08
15/03/24 07:30	4.802	9.103	13.905	0.768	18.6	81	4.1	98	08
15/03/24 07:35	5.314	8.973	14.287	0.778	18.6	80	3.5	92	12
15/03/24 07:40	5.584	8.616	14.200	0.854	18.6	80	3.6	96	08
15/03/24 07:45	5.530	8.485	14.015	0.799	18.8	80	3.3	106	08
15/03/24 07:50	5.797	8.237	14.034	0.742	19.1	79	4.5	107	08
15/03/24 07:55	5.897	8.169	14.066	0.718	19.1	78	3.7	99	10
15/03/24 08:00	6.224	8.353	14.578	0.785	19.2	78	3.7	101	08
15/03/24 08:05	6.440	8.192	14.631	0.870	19.5	78	3.9	106	05
15/03/24 08:10	6.374	7.926	14.300	0.844	19.7	77	3.9	108	08
15/03/24 08:15	6.170	7.656	13.826	0.825	19.9	76	4.3	110	06
15/03/24 08:20	6.190	7.395	13.585	0.794	19.9	75	3.8	113	07
15/03/24 08:25	6.150	7.129	13.279	0.700	20.1	75	3.8	106	07
15/03/24 08:30	6.303	6.934	13.237	0.681	20.2	75	2.7	108	10
15/03/24 08:35	6.620	6.916	13.536	0.615	20.4	73	2.8	98	15
15/03/24 08:40	6.357	6.968	13.326	0.690	20.4	73	2.9	100	16
15/03/24 08:45	6.117	7.056	13.173	0.738	20.3	72	2.0	96	16
15/03/24 08:50	5.897	7.108	13.004	0.579	20.5	72	2.7	112	10
15/03/24 08:55	5.820	7.015	12.835	0.529	20.7	72	2.9	112	14
15/03/24 09:00	5.178	7.019	12.197	0.484	20.7	71	2.6	105	08
15/03/24 09:05	4.896	6.694	11.589	0.457	20.5	71	3.1	102	08
15/03/24 09:10	4.655	6.416	11.072	0.523	20.5	71	2.3	107	11
15/03/24 09:15	4.542	6.272	10.814	0.530	20.8	69	2.3	100	15
15/03/24 09:20	4.488	5.956	10.444	0.564	21.2	67	1.8	106	16
15/03/24 09:25	4.462	5.672	10.134	0.618	21.7	65	1.7	120	16
15/03/24 09:30	4.155	5.501	9.657	0.650	21.8	63	0.7	141	38
15/03/24 09:35	3.864	5.377	9.241	0.685	22.1	63	1.0	117	19
15/03/24 09:40	3.596	5.228	8.823	0.586	22.4	59	1.5	95	15
15/03/24 09:45	3.383	4.896	8.279	0.529	22.3	59	0.8	124	23
15/03/24 09:50	3.060	4.596	7.656	0.581	22.9	58	0.5	115	43
15/03/24 09:55	2.839	4.415	7.253	0.523	23.0	58	0.7	144	25
15/03/24 10:00	2.486	4.177	6.663	0.409	22.5	61	0.7	170	30
15/03/24 10:05	2.150	4.053	6.203	0.351	21.9	63	1.4	179	26
15/03/24 10:10	1.967	3.903	5.870	0.494	22.4	62	1.5	106	26
15/03/24 10:15	1.963	3.933	5.896	0.520	22.9	59	1.8	111	25
15/03/24 10:20	1.828	3.743	5.572	0.526	23.2	59	1.6	139	20
15/03/24 10:25	1.681	3.540	5.221	0.482	23.4	57	1.8	137	17
15/03/24 10:30	1.679	3.420	5.100	0.397	23.6	56	1.4	135	24
15/03/24 10:35	1.580	3.323	4.904	0.368	24.0	56	1.1	135	23
15/03/24 10:40	1.578	3.309	4.887	0.365	24.1	55	1.0	168	21
15/03/24 10:45	1.594	3.369	4.963	0.348	23.5	57	1.4	207	13
15/03/24 10:50	1.611	3.370	4.981	0.330	22.9	61	1.5	186	22
15/03/24 10:55	1.635	3.367	5.002	0.318	23.7	57	1.6	172	23
15/03/24 11:00	1.511	3.287	4.798	0.324	23.9	56	1.3	144	24
15/03/24 11:05	1.473	3.074	4.547	0.247	23.8	57	1.4	153	25
15/03/24 11:10	1.397	2.958	4.355	0.201	24.2	55	0.9	161	28
15/03/24 11:15	1.281	2.839	4.120	0.223	23.6	60	1.9	207	08
15/03/24 11:20	1.158	2.693	3.851	0.310	22.8	62	1.9	217	07
15/03/24 11:25	1.018	2.618	3.637	0.246	22.5	62	1.8	227	12
15/03/24 11:30	0.915	2.541	3.456	0.172	22.4	66	2.8	228	05
15/03/24 11:35	0.790	2.495	3.285	0.158	22.2	66	2.9	225	04
15/03/24 11:40	0.870	2.338	3.208	0.121	22.4	65	3.0	219	06
15/03/24 11:45	0.897	2.234	3.131	0.196	22.6	66	2.7	211	10
15/03/24 11:50	0.896	2.220	3.116	0.170	23.0	66	2.6	204	07
15/03/24 11:55	0.725	2.294	3.019	0.089	23.2	64	2.7	208	08
15/03/24 12:00	0.590	2.372	2.962	0.106	23.2	62	2.7	211	07
15/03/24 12:05	0.437	2.370	2.806	0.047	23.3	63	2.2	206	12
15/03/24 12:10	0.402	2.475	2.877	0.049	23.5	62	2.6	214	08
15/03/24 12:15	0.468	2.370	2.839	-0.014	23.5	61	2.1	219	07
15/03/24 12:20	0.593	2.419	3.012	-0.023	23.8	59	1.8	210	14
15/03/24 12:25	0.678	2.527	3.205	-0.056	24.5	56	1.4	170	27
15/03/24 12:30	0.693	2.635	3.327	-0.053	25.2	54	2.1	187	19
15/03/24 12:35	0.684	2.698	3.382	-0.042	25.5	51	2.1	162	22
15/03/24 12:40	0.656	2.774	3.430	0.202	25.7	53	1.7	195	12
15/03/24 12:45	0.761	2.846	3.607	0.280	25.0	56	2.4	212	09
15/03/24 12:50	0.838	2.859	3.697	0.205	24.4	58	2.9	214	04
15/03/24 12:55	0.734	2.750	3.484	0.155	24.1	59	3.2	220	03
15/03/24 13:00	0.599	2.704	3.303	0.137	24.0	61	3.4	222	05
15/03/24 13:05	0.480	2.664	3.145	0.083	24.0	60	3.4	218	04
15/03/24 13:10	0.434	2.541	2.975	0.137	24.2	60	3.5	214	04
15/03/24 13:15	0.398	2.479	2.878	0.072	24.2	60	3.1	212	03
15/03/24 13:20	0.490	2.525	3.014	0.025	24.3	61	3.3	209	04
15/03/24 13:25	0.549	2.513	3.062	0.054	24.3	62	3.6	206	03
15/03/24 13:30	0.534	2.547	3.081	0.097	24.2	63	3.8	209	03
15/03/24 13:35	0.543	2.461	3.004	0.065	24.4	62	3.3	205	03
15/03/24 13:40	0.526	2.519	3.045	0.078	24.4	61	3.4	208	03
15/03/24 13:45	0.573	2.561	3.134	0.155	24.5	60	3.8	204	06
15/03/24 13:50	0.562	2.580	3.142	0.081	24.4	66	3.7	218	03
15/03/24 13:55	0.660	2.572	3.232	-0.015	24.1	70	3.1	219	04
15/03/24 14:00	1.295	3.057	4.352	-0.115	24.3	68	3.6	207	05
15/03/24 14:05	0.480	2.602	3.082	-0.083	24.5	64	3.6	204	05
15/03/24 14:10	0.472	2.388	2.860	0.004	24.7	64	3.4	207	04
15/03/24 14:15	0.519	2.331	2.849	0.023	25.0	61	3.2	200	09
15/03/24 14:20	0.464	2.326	2.790	0.035	25.3	61	3.4	201	07
15/03/24 14:25	0.516	2.249	2.765	0.064	24.9	65	4.0	205	03
15/03/24 14:30	0.457	2.323	2.780	-0.088	24.6	66	3.8	208	05
15/03/24 14:35	0.456	2.383	2.838	-0.082	24.6	66	4.1	209	05
15/03/24 14:40	0.432	2.375	2.808	-0.115	25.2	62	3.2	194	12
15/03/24 14:45	0.360	2.348	2.709	-0.113	25.8	58	2.7	186	14
15/03/24 14:50	0.413	2.310	2.723	-0.033	26.2	57	2.6	189	13
15/03/24 14:55	0.504	2.297	2.801	0.001	26.6	55	2.7	188	14
15/03/24 15:00	0.542	2.268	2.810	-0.128	26.5	56	2.8	190	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/03/24 15:05	0.361	2.248	2.610	-0.108	26.8	56	2.6	186	14
15/03/24 15:10	0.292	2.196	2.488	-0.144	26.7	53	3.1	184	17
15/03/24 15:15	0.249	2.254	2.503	-0.042	26.8	54	2.7	180	20
15/03/24 15:20	0.265	2.309	2.574	-0.057	26.9	53	3.1	184	16
15/03/24 15:25	0.374	2.346	2.721	-0.008	26.9	52	2.2	180	28
15/03/24 15:30	0.445	2.373	2.818	-0.027	27.0	51	3.6	172	21
15/03/24 15:35	0.518	2.350	2.868	-0.037	26.9	51	2.7	171	21
15/03/24 15:40	0.530	2.405	2.935	0.083	27.0	52	2.3	170	24
15/03/24 15:45	0.573	2.469	3.042	0.148	27.1	51	2.6	154	27
15/03/24 15:50	0.560	2.504	3.064	0.110	26.9	52	1.7	167	27
15/03/24 15:55	0.555	2.518	3.073	-0.003	26.6	54	2.0	171	29
15/03/24 16:00	0.586	2.563	3.149	-0.052	26.7	52	1.9	169	32
15/03/24 16:05	0.612	2.606	3.218	-0.030	26.7	53	2.7	170	23
15/03/24 16:10	0.641	2.456	3.098	0.030	26.6	52	2.3	165	27
15/03/24 16:15	0.661	2.474	3.135	0.139	26.7	51	2.1	167	28
15/03/24 16:20	0.674	2.473	3.147	0.102	26.8	52	2.8	172	16
15/03/24 16:25	0.627	2.416	3.043	0.019	26.6	53	2.9	159	26
15/03/24 16:30	0.600	2.429	3.029	0.073	26.4	51	3.6	148	21
15/03/24 16:35	0.587	2.616	3.202	0.007	26.4	49	4.6	144	16
15/03/24 16:40	0.613	2.778	3.390	-0.085	26.4	49	4.0	132	16
15/03/24 16:45	0.645	2.997	3.642	-0.126	26.1	53	4.6	136	13
15/03/24 16:50	0.806	3.154	3.960	-0.175	25.8	52	6.0	138	10
15/03/24 16:55	0.764	3.212	3.976	-0.131	25.6	53	5.0	137	13
15/03/24 17:00	0.567	3.208	3.775	-0.094	26.0	53	3.3	124	18
15/03/24 17:05	0.668	3.167	3.834	-0.105	26.0	51	3.6	125	17
15/03/24 17:10	0.716	3.124	3.841	-0.005	26.0	51	3.8	127	12
15/03/24 17:15	0.679	3.164	3.844	0.014	26.0	50	3.7	126	17
15/03/24 17:20	0.633	3.059	3.692	-0.056	25.8	49	4.2	131	16
15/03/24 17:25	0.706	2.985	3.691	-0.090	25.7	50	3.9	125	16
15/03/24 17:30	0.745	2.866	3.611	-0.095	25.7	50	4.3	129	15
15/03/24 17:35	0.713	2.840	3.554	-0.069	25.5	53	3.0	126	20
15/03/24 17:40	0.739	3.010	3.749	-0.012	25.7	51	3.3	127	17
15/03/24 17:45	0.744	3.091	3.836	-0.194	25.7	53	3.2	125	19
15/03/24 17:50	0.689	3.254	3.943	-0.287	25.6	54	3.9	115	12
15/03/24 17:55	0.776	3.249	4.025	-0.220	25.5	52	4.0	116	11
15/03/24 18:00	0.785	3.400	4.185	-0.137	25.4	53	2.9	119	20
15/03/24 18:05	0.743	3.334	4.077	-0.058	25.3	53	2.7	117	20
15/03/24 18:10	0.629	3.404	4.033	-0.018	25.3	53	3.2	125	16
15/03/24 18:15	0.588	3.376	3.963	-0.035	25.1	54	3.8	121	15
15/03/24 18:20	0.460	3.330	3.791	0.031	24.7	55	3.0	124	19
15/03/24 18:25	0.413	3.376	3.789	-0.037	24.7	57	3.3	119	15
15/03/24 18:30	0.373	3.458	3.831	-0.078	24.5	56	2.7	118	17
15/03/24 18:35	0.284	3.390	3.674	-0.020	24.4	56	2.7	119	18
15/03/24 18:40	0.195	3.438	3.633	-0.062	24.1	58	2.9	120	18
15/03/24 18:45	0.225	3.633	3.858	-0.099	23.8	57	3.5	126	14
15/03/24 18:50	0.213	3.798	4.011	-0.047	23.8	58	2.8	123	20
15/03/24 18:55	0.243	3.925	4.167	0.041	23.6	59	3.3	129	17
15/03/24 19:00	0.252	4.031	4.283	0.100	23.5	59	3.1	119	17
15/03/24 19:05	0.214	4.105	4.319	-0.001	23.4	58	3.0	122	16
15/03/24 19:10	0.166	4.180	4.346	0.044	23.3	59	3.5	116	13
15/03/24 19:15	0.089	4.349	4.438	0.002	23.3	59	3.8	118	15
15/03/24 19:20	0.082	4.362	4.443	-0.017	23.2	60	4.5	112	09
15/03/24 19:25	0.050	4.566	4.615	0.000	23.2	61	3.5	120	15
15/03/24 19:30	0.062	4.510	4.571	0.046	22.9	60	6.3	111	07
15/03/24 19:35	-0.031	4.205	4.173	0.018	22.8	61	5.6	107	06
15/03/24 19:40	-0.064	3.899	3.835	0.014	22.8	62	4.2	111	09
15/03/24 19:45	0.007	3.775	3.782	0.028	22.6	61	5.3	110	07
15/03/24 19:50	0.024	3.586	3.610	0.063	22.5	62	4.0	110	07
15/03/24 19:55	0.066	3.508	3.573	0.041	22.4	61	4.3	110	09
15/03/24 20:00	0.015	3.469	3.484	-0.003	22.4	63	3.4	104	08
15/03/24 20:05	0.046	3.550	3.597	-0.053	22.2	61	3.9	102	07
15/03/24 20:10	0.127	3.621	3.748	-0.068	22.1	61	4.1	102	09
15/03/24 20:15	0.091	3.846	3.938	-0.135	22.0	61	4.0	101	09
15/03/24 20:20	-0.054	3.937	3.883	-0.105	21.9	61	4.1	99	12
15/03/24 20:25	-0.039	3.973	3.933	-0.096	21.9	63	4.0	103	06
15/03/24 20:30	-0.018	4.035	4.017	-0.206	21.7	62	4.1	101	09
15/03/24 20:35	0.072	4.106	4.177	-0.270	21.7	63	4.9	100	07
15/03/24 20:40	0.097	4.117	4.214	-0.261	21.5	64	4.3	106	07
15/03/24 20:45	2.243	9.442	11.685	-0.202	21.5	64	3.8	100	11
15/03/24 20:50	0.003	4.054	4.057	-0.279	21.4	63	2.7	102	11
15/03/24 20:55	0.014	4.207	4.221	-0.340	21.3	64	3.2	105	09
15/03/24 21:00	0.219	4.362	4.581	-0.292	21.4	65	2.2	104	14
15/03/24 21:05	0.927	4.492	5.419	-0.384	21.3	65	1.9	94	17
15/03/24 21:10	0.256	5.273	5.529	-0.306	21.2	65	1.6	94	16
15/03/24 21:15	0.061	5.569	5.629	-0.207	21.1	66	1.5	103	14
15/03/24 21:20	0.120	5.750	5.871	-0.225	21.1	65	1.8	101	12
15/03/24 21:25	2.728	4.121	6.849	-0.211	21.0	67	1.8	105	09
15/03/24 21:30	0.762	6.014	6.777	-0.138	20.9	67	1.8	105	16
15/03/24 21:35	0.470	5.821	6.290	-0.108	21.0	65	1.4	92	10
15/03/24 21:40	0.544	6.326	6.870	-0.106	20.8	65	1.2	83	14
15/03/24 21:45	0.759	6.454	7.213	-0.080	20.8	66	1.8	105	12
15/03/24 21:50	0.180	6.472	6.652	-0.106	20.7	69	2.4	109	07
15/03/24 21:55	0.070	5.845	5.915	-0.095	20.7	70	3.0	108	06
15/03/24 22:00	0.036	5.205	5.241	-0.107	20.6	70	2.4	109	07
15/03/24 22:05	0.033	4.793	4.826	-0.115	20.6	71	2.5	107	08
15/03/24 22:10	0.053	4.598	4.651	-0.177	20.6	71	2.3	109	08
15/03/24 22:15	0.037	4.458	4.495	-0.170	20.5	71	2.8	112	06
15/03/24 22:20	0.058	4.149	4.207	-0.128	20.4	71	3.0	109	07
15/03/24 22:25	0.098	4.014	4.112	-0.021	20.4	71	2.9	111	05
15/03/24 22:30	0.147	3.920	4.067	0.044	20.3	71	2.9	110	08
15/03/24 22:35	0.163	3.946	4.109	-0.028	20.3	71	3.0	105	06
15/03/24 22:40	0.166	4.004	4.170	-0.041	20.1	71	3.1	106	04
15/03/24 22:45	0.057	4.117	4.174	-0.087	20.1	71	2.7	105	05
15/03/24 22:50	0.038	4.366	4.404	-0.164	20.0	71	2.5	106	05
15/03/24 22:55	0.044	4.633	4.677	-0.256	20.0	72	2.6	103	07
15/03/24 23:00	0.086	4.770	4.856	-0.324	19.8	72	2.5	106	07
15/03/24 23:05	0.076	4.864	4.939	-0.335	19.8	73	2.7	106	06
15/03/24 23:10	0.036	4.989	5.025	-0.393	19.8	73	2.8	106	05
15/03/24 23:15	0.121	5.037	5.159	-0.274	19.6	73	2.7	107	06
15/03/24 23:20	0.237	5.085	5.322	-0.139	19.7	73	2.4	111	07
15/03/24 23:25	0.242	4.996	5.237	-0.128	19.6	74	1.7	114	22
15/03/24 23:30	0.254	4.862	5.116	-0.155	19.6	74	2.2	113	09
15/03/24 23:35	0.234	4.778	5.012	-0.090	19.5	74	2.8	109	07
15/03/24 23:40	0.159	4.705	4.864	-0.087	19.5	75	2.1	106	09
15/03/24 23:45	0.071	4.664	4.735	-0.076	19.4	73	2.3	101	08
15/03/24 23:50	0.031	4.797	4.828		19.2	72	2.3	94	05
15/03/24 23:55	0.052	4.934	4.986		19.1	72	2.0	100	08
16/03/24 00:00	0.126	4.969	5.094	-0.077	19.0	72	1.9	94	07

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/03/24 00:05	0.129	5.019	5.148	0.072	18.9	73	1.7	100	06
16/03/24 00:10	0.068	5.259	5.327	0.240	18.8	74	1.6	109	09
16/03/24 00:15	0.078	5.424	5.502	0.308	18.9	75	1.8	108	08
16/03/24 00:20	0.081	5.714	5.795	0.428	18.9	75	1.9	107	07
16/03/24 00:25	0.109	5.862	5.971	0.540	18.8	75	1.8	105	08
16/03/24 00:30	0.233	5.985	6.218	0.536	18.8	75	1.6	107	07
16/03/24 00:35	0.182	6.115	6.297	0.509	18.7	74	1.5	102	08
16/03/24 00:40	0.128	6.353	6.482	0.525	18.7	75	1.6	113	08
16/03/24 00:45	0.156	6.775	6.931	0.526	18.7	75	1.8	107	06
16/03/24 00:50	0.249	8.036	8.284	0.629	18.6	74	1.9	96	05
16/03/24 00:55	0.183	8.258	8.441	0.564	18.4	74	1.7	97	07
16/03/24 01:00	0.250	7.838	8.088	0.705	18.4	74	1.6	101	07
16/03/24 01:05					18.3	75	1.8	101	05
16/03/24 01:10					18.4	75	1.6	103	06
16/03/24 01:15					18.2	75	1.5	96	07
16/03/24 01:20					18.0	75	1.2	93	04
16/03/24 01:25					18.1	75	1.1	90	07
16/03/24 01:30					18.2	75	1.3	100	04
16/03/24 01:35					18.0	75	1.4	94	06
16/03/24 01:40					18.0	75	1.2	95	05
16/03/24 01:45					18.1	75	0.9	91	06
16/03/24 01:50					18.0	76	0.4	82	08
16/03/24 01:55					17.9	76	0.2	39	33
16/03/24 02:00					17.9	76	1.1	46	07
16/03/24 02:05	1.335	11.696	13.031	0.757	17.8	77	2.6	35	08
16/03/24 02:10	4.190	21.105	25.294	0.829	17.7	78	1.7	9	25
16/03/24 02:15	20.312	17.963	38.275	0.744	17.9	78	1.8	343	27
16/03/24 02:20	9.747	15.717	25.464	0.653	17.8	78	2.0	17	24
16/03/24 02:25	4.888	13.977	18.865	0.699	17.8	79	1.6	15	26
16/03/24 02:30	3.544	12.345	15.889	0.744	17.8	79	1.8	1	38
16/03/24 02:35	2.449	10.429	12.877	0.729	17.7	79	2.1	348	21
16/03/24 02:40	1.853	9.426	11.279	0.659	17.6	80	1.6	322	32
16/03/24 02:45	2.296	10.254	12.551	0.709	17.6	81	1.5	300	22
16/03/24 02:50	3.730	13.445	17.175	0.697	17.8	81	1.5	294	16
16/03/24 02:55	4.319	14.214	18.533	0.659	17.8	81	1.2	296	20
16/03/24 03:00	3.764	11.536	15.300	0.675	17.8	82	1.0	284	19
16/03/24 03:05	2.792	9.024	11.816	0.702	17.8	82	1.3	309	14
16/03/24 03:10	2.050	8.037	10.087	0.700	17.6	81	1.6	310	11
16/03/24 03:15	1.416	7.990	9.406	0.696	17.5	81	2.2	309	08
16/03/24 03:20	1.099	7.851	8.950	0.665	17.4	82	1.7	303	12
16/03/24 03:25	0.949	7.707	8.655	0.686	17.5	83	1.2	295	18
16/03/24 03:30	0.830	7.641	8.470	0.672	17.5	82	1.6	308	13
16/03/24 03:35					17.4	82	1.9	312	15
16/03/24 03:40					17.3	82	2.4	314	08
16/03/24 03:45					17.3	82	1.7	325	21
16/03/24 03:50					17.3	82	0.9	6	39
16/03/24 03:55					17.2	83	0.9	330	31
16/03/24 04:00				1.295	17.3	83	0.6	335	48
16/03/24 04:05	-0.205	13.881	13.676	1.150	17.3	83	1.0	309	31
16/03/24 04:10	3.467	13.289	16.756	1.173	17.3	83	1.3	310	13
16/03/24 04:15	5.435	14.618	20.053	1.094	17.5	82	0.7	358	21
16/03/24 04:20	8.437	15.605	24.041	1.045	17.4	82	0.7	0	20
16/03/24 04:25	9.918	15.754	25.672	1.080	17.3	83	0.6	342	37
16/03/24 04:30	10.449	15.651	26.100	1.036	17.4	83	0.3	290	46
16/03/24 04:35	10.433	15.754	26.187	1.084	17.3	83	0.3	347	35
16/03/24 04:40	10.921	15.798	26.719	1.225	17.2	84	0.5	323	37
16/03/24 04:45	11.796	15.910	27.705	1.167	17.2	83	0.4	345	33
16/03/24 04:50	12.511	15.790	28.301	1.024	17.2	83	0.7	27	15
16/03/24 04:55	13.293	15.704	28.996	0.999	17.1	83	0.5	13	22
16/03/24 05:00	14.163	15.757	29.920	0.963	17.0	84	0.5	23	21
16/03/24 05:05	14.354	15.741	30.095	0.988	16.9	84	0.5	36	16
16/03/24 05:10	13.630	15.719	29.349	1.158	16.9	84	0.6	56	16
16/03/24 05:15	12.726	15.525	28.252	1.273	16.8	84	0.4	27	18
16/03/24 05:20	12.661	15.393	28.054	1.149	16.8	85	0.3	7	23
16/03/24 05:25	13.651	15.354	29.005	1.083	16.8	85	0.2	5	67
16/03/24 05:30	14.797	15.255	30.052	1.053	16.8	85	0.4	65	22
16/03/24 05:35	15.498	15.421	30.919	1.119	16.8	85	0.6	70	18
16/03/24 05:40	15.475	15.516	30.991	1.081	16.8	85	0.7	47	31
16/03/24 05:45	14.483	15.563	30.046	1.222	16.8	85	0.9	24	26
16/03/24 05:50	14.457	15.404	29.861	1.356	16.8	84	0.8	37	19
16/03/24 05:55	15.075	15.278	30.352	1.348	16.7	84	1.0	30	06
16/03/24 06:00	15.594	15.300	30.894	1.338	16.6	85	1.2	50	11
16/03/24 06:05	15.526	15.522	31.049	1.493	16.6	85	1.5	45	06
16/03/24 06:10	16.171	18.052	34.224	1.489	16.5	84	1.6	45	06
16/03/24 06:15	15.745	14.294	30.039	1.509	16.5	84	1.4	48	07
16/03/24 06:20	15.181	13.149	28.330	1.281	16.4	84	1.5	47	05
16/03/24 06:25	15.092	13.257	28.349	1.056	16.4	84	1.4	43	06
16/03/24 06:30	15.642	13.689	29.331	0.941	16.5	84	1.3	43	06
16/03/24 06:35	16.254	13.802	30.056	0.919	16.3	84	1.2	44	07
16/03/24 06:40	16.636	13.800	30.437	0.846	16.4	84	1.1	48	08
16/03/24 06:45	17.214	13.764	30.978	0.772	16.8	83	1.0	55	04
16/03/24 06:50	17.687	13.786	31.472	0.684	16.9	82	1.0	54	04
16/03/24 06:55	18.239	13.801	32.039	0.587	17.1	81	1.0	52	08
16/03/24 07:00	18.383	13.604	31.987	0.555	17.1	80	0.8	58	14
16/03/24 07:05	18.031	13.301	31.332	0.652	17.2	80	1.0	59	13
16/03/24 07:10	17.490	13.124	30.614	0.593	17.2	80	1.1	60	14
16/03/24 07:15	16.777	12.881	29.658	0.566	17.4	79	1.2	56	13
16/03/24 07:20	15.770	12.731	28.502	0.519	17.8	77	1.0	65	15
16/03/24 07:25	14.944	12.326	27.270	0.470	18.2	76	0.9	59	16
16/03/24 07:30	14.365	12.122	26.488	0.452	18.4	75	1.0	46	16
16/03/24 07:35	14.621	12.079	26.699	0.434	18.7	73	0.9	56	15
16/03/24 07:40	15.566	12.197	27.762	0.424	19.0	72	1.0	55	15
16/03/24 07:45	15.990	12.313	28.303	0.370	19.1	72	0.9	85	14
16/03/24 07:50	16.809	12.591	29.400	0.359	19.4	71	1.2	83	17
16/03/24 07:55	17.828	13.032	30.860	0.380	19.6	70	0.9	81	20
16/03/24 08:00	18.969	13.604	32.573	0.428	19.9	69	0.7	61	34
16/03/24 08:05	20.054	14.013	34.067	0.338	20.1	68	0.7	12	45
16/03/24 08:10	20.247	13.717	33.965	0.288	20.2	65	1.1	17	37
16/03/24 08:15	16.673	7.866	24.539	0.198	20.4	62	1.5	1	27
16/03/24 08:20	12.003	10.108	22.110	0.150	20.5	61	2.1	10	21
16/03/24 08:25	12.802	10.417	23.219	0.403	20.6	61	1.9	20	16
16/03/24 08:30	13.247	10.811	24.059	0.371	20.7	60	1.4	3	30
16/03/24 08:35	12.632	11.141	23.774	0.488	20.8	60	1.0	345	37
16/03/24 08:40	12.759	11.339	24.098	0.544	21.1	59	1.0	333	40
16/03/24 08:45	13.111	12.304	25.415	0.503	21.4	56	1.4	350	46
16/03/24 08:50	12.956	12.387	25.343	0.497	21.7	53	2.0	357	27
16/03/24 08:55	11.552	10.870	22.421	0.545	22.1	51	2.7	40	21
16/03/24 09:00	7.091	5.855	12.947	0.424	22.6	50	2.3	29	20

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/03/24 09:05	4.938	6.352	11.290	0.209	22.9	48	3.1	24	22
16/03/24 09:10	4.865	6.213	11.078	0.253	23.0	48	2.0	31	29
16/03/24 09:15	5.149	6.666	11.815	0.283	23.3	49	2.6	39	17
16/03/24 09:20	5.980	7.693	13.673	0.252	23.3	49	3.0	38	11
16/03/24 09:25	6.114	8.308	14.422	0.251	23.6	47	3.2	29	25
16/03/24 09:30	5.542	7.028	12.570	0.176	23.7	46	2.8	38	23
16/03/24 09:35	6.062	10.044	16.106	0.262	23.7	51	2.3	57	15
16/03/24 09:40	6.889	12.356	19.245	0.427	23.5	51	1.7	52	30
16/03/24 09:45	6.706	10.821	17.527	0.430	24.0	44	2.3	9	29
16/03/24 09:50	5.976	5.397	11.373	0.348	24.4	41	2.2	4	40
16/03/24 09:55	5.716	6.686	12.401	0.281	24.5	45	3.3	51	15
16/03/24 10:00	5.631	7.727	13.357	0.368	24.5	42	2.4	18	38
16/03/24 10:05	5.447	7.754	13.201	0.215	24.8	45	2.5	64	29
16/03/24 10:10	5.167	7.703	12.871	0.160	24.7	41	2.0	348	45
16/03/24 10:15	4.412	5.302	9.714	0.146	25.1	37	3.2	4	25
16/03/24 10:20	3.696	3.394	7.089	-0.011	25.4	36	3.0	13	26
16/03/24 10:25	3.362	3.423	6.785	0.018	25.7	37	3.6	27	25
16/03/24 10:30	2.829	3.226	6.055	0.064	25.8	36	3.2	12	21
16/03/24 10:35	2.383	3.273	5.656	-0.039	25.8	35	3.4	8	24
16/03/24 10:40	2.288	3.295	5.582	-0.100	26.0	35	2.4	20	35
16/03/24 10:45	2.188	3.379	5.567	-0.026	26.3	35	1.8	15	34
16/03/24 10:50	2.137	3.653	5.790	0.033	26.6	34	2.8	28	26
16/03/24 10:55	2.003	3.829	5.832	0.122	26.6	34	3.1	21	19
16/03/24 11:00	2.025	3.742	5.767	0.166	26.5	34	2.0	354	42
16/03/24 11:05	1.762	3.796	5.558	0.157	26.2	35	1.9	341	37
16/03/24 11:10	1.615	3.871	5.486	0.184	26.6	35	1.8	353	48
16/03/24 11:15	1.589	4.062	5.651	0.220	26.7	34	1.8	331	44
16/03/24 11:20	1.448	4.070	5.518	0.057	26.5	35	2.3	312	25
16/03/24 11:25	1.441	3.820	5.261	0.051	26.3	35	2.4	356	32
16/03/24 11:30	1.454	3.756	5.209	-0.064	26.9	34	2.2	330	37
16/03/24 11:35	1.178	3.617	4.796	-0.140	26.6	34	1.8	335	38
16/03/24 11:40	1.139	3.684	4.823	-0.074	27.1	34	0.4	5	74
16/03/24 11:45	1.224	3.894	5.118	0.008	27.6	33	1.0	5	56
16/03/24 11:50	1.254	4.077	5.331	-0.007	27.9	32	2.5	27	21
16/03/24 11:55	1.253	4.103	5.356	-0.102	27.7	33	1.2	305	54
16/03/24 12:00	1.224	3.793	5.016	-0.044	27.4	34	0.6	340	65
16/03/24 12:05	1.165	3.847	5.012	0.029	28.1	32	1.9	17	33
16/03/24 12:10	1.080	3.613	4.694	0.092	28.0	32	0.7	327	71
16/03/24 12:15	1.013	3.465	4.478	-0.009	27.8	33	1.8	331	40
16/03/24 12:20	0.839	3.454	4.293	-0.095	27.8	33	2.6	345	33
16/03/24 12:25	0.789	3.413	4.202	0.035	28.0	32	1.8	328	45
16/03/24 12:30	0.802	3.247	4.048	0.086	27.6	34	3.3	301	19
16/03/24 12:35	0.778	3.108	3.886	0.093	27.5	34	2.0	312	34
16/03/24 12:40	0.801	3.125	3.926	-0.033	28.1	33	2.4	14	31
16/03/24 12:45	1.283	3.209	4.492	-0.191	28.3	32	1.0	313	57
16/03/24 12:50	0.647	2.341	2.987	-0.103	28.0	33	1.8	16	47
16/03/24 12:55	0.666	2.449	3.115	-0.050	28.6	31	1.3	12	49
16/03/24 13:00	0.566	2.508	3.073	-0.100	28.7	34	2.6	79	21
16/03/24 13:05	0.478	2.433	2.911	0.081	28.6	31	2.2	65	22
16/03/24 13:10	0.464	2.522	2.986	0.184	28.9	34	1.7	71	34
16/03/24 13:15	0.465	2.566	3.031	-0.020	28.8	30	1.8	24	21
16/03/24 13:20	0.538	2.542	3.080	-0.072	29.2	30	1.9	76	30
16/03/24 13:25	0.543	2.501	3.043	-0.084	29.5	35	1.6	162	23
16/03/24 13:30	0.528	2.789	3.317	-0.088	29.2	42	2.0	166	18
16/03/24 13:35	0.506	2.967	3.473	-0.172	28.9	45	0.8	148	57
16/03/24 13:40	0.501	3.059	3.560	-0.114	28.1	52	2.2	136	21
16/03/24 13:45	0.507	3.134	3.641	-0.173	27.1	54	2.6	147	22
16/03/24 13:50	0.495	3.107	3.602	-0.144	27.2	53	1.4	173	31
16/03/24 13:55	0.486	3.147	3.634	-0.148	27.2	56	1.7	175	28
16/03/24 14:00	0.467	3.130	3.597	-0.196	27.0	56	2.8	162	20
16/03/24 14:05	0.347	3.167	3.514	-0.298	26.8	57	2.9	165	21
16/03/24 14:10	0.298	3.192	3.490	-0.310	26.8	57	2.9	176	14
16/03/24 14:15	0.221	3.330	3.552	-0.356	27.2	57	2.9	174	17
16/03/24 14:20	0.238	3.303	3.540	-0.189	27.1	56	3.3	173	17
16/03/24 14:25	0.262	3.176	3.438	0.135	26.9	57	2.5	163	23
16/03/24 14:30	0.306	3.075	3.380	0.155	26.9	57	2.7	172	19
16/03/24 14:35	0.376	3.066	3.442	0.125	26.9	56	2.5	176	17
16/03/24 14:40	0.390	3.147	3.537	0.066	27.2	56	2.9	172	17
16/03/24 14:45	0.531	3.656	4.187	0.095	27.3	54	3.2	169	18
16/03/24 14:50	0.642	3.616	4.258	0.092	27.0	56	3.3	167	20
16/03/24 14:55	0.579	3.882	4.461	0.112	27.0	55	3.2	168	18
16/03/24 15:00	0.552	3.666	4.217	0.067	27.0	56	1.7	165	32
16/03/24 15:05	0.499	3.360	3.858	-0.131	27.0	56	2.8	167	22
16/03/24 15:10	0.453	3.388	3.841	-0.213	26.9	55	3.1	169	18
16/03/24 15:15	0.468	3.381	3.850	-0.279	27.0	54	2.9	172	19
16/03/24 15:20	0.500	3.524	4.024	-0.461	27.1	53	2.8	167	22
16/03/24 15:25	0.451	3.639	4.089	-0.325	27.0	55	3.2	168	18
16/03/24 15:30	0.422	3.261	3.683	-0.192	27.0	55	3.4	170	17
16/03/24 15:35	0.378	3.064	3.442	-0.183	27.1	55	3.3	170	16
16/03/24 15:40	0.231	2.850	3.081	-0.136	27.1	55	3.3	170	17
16/03/24 15:45	0.161	2.697	2.858	-0.096	26.9	57	3.5	169	16
16/03/24 15:50	0.249	2.630	2.878	-0.033	27.0	55	2.5	179	17
16/03/24 15:55	0.337	2.624	2.961	-0.058	27.5	54	2.3	182	15
16/03/24 16:00	0.342	2.603	2.945	-0.084	27.5	54	2.7	174	20
16/03/24 16:05	0.287	2.640	2.927	0.027	27.4	53	2.6	180	16
16/03/24 16:10	0.284	2.653	2.937	0.081	27.5	54	2.9	175	18
16/03/24 16:15	0.238	2.508	2.746	0.035	27.3	55	2.9	174	19
16/03/24 16:20	0.171	2.297	2.468	0.138	27.2	53	2.9	177	19
16/03/24 16:25	0.144	2.227	2.371	0.002	27.4	54	2.8	181	15
16/03/24 16:30	0.129	2.122	2.250	0.047	27.4	54	2.8	176	18
16/03/24 16:35	0.140	2.071	2.211	0.095	27.4	54	2.6	185	16
16/03/24 16:40	0.112	1.949	2.060	-0.073	27.2	54	3.3	188	13
16/03/24 16:45	0.112	1.881	1.994	-0.069	26.8	57	2.9	188	12
16/03/24 16:50	0.080	1.859	1.938	-0.128	26.8	57	3.1	187	13
16/03/24 16:55	0.129	1.833	1.963	-0.174	26.8	58	3.4	189	12
16/03/24 17:00	0.211	1.869	2.080	-0.181	26.7	59	3.2	189	12
16/03/24 17:05	0.173	1.759	1.932	-0.169	26.5	60	2.4	186	16
16/03/24 17:10	0.148	1.771	1.919	-0.098	26.9	59	2.6	182	20
16/03/24 17:15	0.145	1.867	2.012	-0.125	26.9	60	2.5	183	16
16/03/24 17:20	0.090	1.759	1.849	-0.168	26.9	60	3.0	168	21
16/03/24 17:25	0.179	1.693	1.872	-0.042	26.7	60	2.0	175	30
16/03/24 17:30	0.199	1.857	2.056	0.016	26.7	59	3.3	168	22
16/03/24 17:35	0.160	1.915	2.075	0.057	26.4	59	2.2	166	31
16/03/24 17:40	0.133	1.745	1.878	0.134	26.5	57	2.0	174	29
16/03/24 17:45	0.035	1.648	1.683	0.130	26.5	57	1.7	172	39
16/03/24 17:50	-0.045	1.612	1.567	0.197	26.4	58	1.8	166	38
16/03/24 17:55	0.088	1.552	1.640	0.156	26.3	59	1.7	165	40
16/03/24 18:00	0.111	1.531	1.642	0.295	26.1	59	2.2	166	34

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/03/24 18:05	0.031	1.544	1.575	0.353	25.9	60	1.9	165	36
16/03/24 18:10	-0.036	1.691	1.655	0.267	25.8	61	2.2	157	26
16/03/24 18:15	-0.015	1.844	1.829	0.303	25.8	60	2.8	154	25
16/03/24 18:20	-0.004	2.031	2.027	0.179	25.7	62	2.1	156	28
16/03/24 18:25	-0.048	2.013	1.965	0.172	25.7	63	2.0	165	30
16/03/24 18:30	-0.042	1.994	1.953	0.201	25.4	65	2.1	159	29
16/03/24 18:35	-0.089	1.994	1.905	0.284	25.2	63	3.4	146	17
16/03/24 18:40	-0.073	2.056	1.983	0.261	25.2	63	4.2	142	12
16/03/24 18:45	-0.040	2.401	2.361	0.270	25.3	61	3.9	135	10
16/03/24 18:50	-0.009	2.762	2.753	0.206	25.4	60	3.4	134	11
16/03/24 18:55	-0.032	2.886	2.854	0.427	25.3	62	2.1	126	19
16/03/24 19:00	-0.053	2.953	2.900	0.527	25.4	62	2.2	126	17
16/03/24 19:05	0.006	2.974	2.980	0.549	25.3	62	2.2	119	13
16/03/24 19:10	0.073	2.988	3.061	0.517	25.2	64	2.8	116	09
16/03/24 19:15	0.077	3.263	3.340	0.378	25.3	59	3.9	111	07
16/03/24 19:20	0.024	3.659	3.683	0.193	25.6	57	3.3	115	10
16/03/24 19:25	0.183	4.769	4.952	0.133	25.6	57	3.5	113	08
16/03/24 19:30	0.268	5.560	5.827	0.267	25.6	56	3.5	113	08
16/03/24 19:35	0.313	5.653	5.966	0.228	25.6	56	3.5	110	06
16/03/24 19:40	0.297	5.900	6.197	0.101	25.5	54	3.9	108	07
16/03/24 19:45	0.231	5.990	6.221	0.055	25.5	54	3.4	107	06
16/03/24 19:50	0.147	6.158	6.305	0.074	25.4	54	3.9	109	05
16/03/24 19:55	0.101	6.382	6.483	0.075	25.4	52	3.3	102	06
16/03/24 20:00	0.183	6.759	6.942	0.280	25.4	51	2.5	105	06
16/03/24 20:05	0.173	7.162	7.335	0.248	25.3	53	2.3	106	08
16/03/24 20:10	0.185	7.933	8.118	0.100	25.1	52	1.8	102	09
16/03/24 20:15	0.103	9.059	9.162	0.122	25.2	50	1.6	92	10
16/03/24 20:20	0.139	10.295	10.434	0.229	25.1	48	2.4	95	13
16/03/24 20:25	0.111	10.699	10.810	0.379	25.2	46	2.8	96	09
16/03/24 20:30	0.152	10.253	10.406	0.494	25.4	44	3.0	97	12
16/03/24 20:35	0.083	9.618	9.701	0.488	25.3	43	3.0	98	10
16/03/24 20:40	0.016	9.091	9.107	0.483	25.2	44	2.6	100	09
16/03/24 20:45	0.027	8.984	9.012	0.473	25.1	48	2.2	99	12
16/03/24 20:50	0.074	9.197	9.271	0.493	24.9	44	1.9	94	09
16/03/24 20:55	0.142	9.256	9.398	0.551	24.8	45	2.4	96	06
16/03/24 21:00	0.065	9.187	9.252	0.546	24.7	45	2.5	97	09
16/03/24 21:05	-0.016	8.931	8.915	0.533	24.6	46	2.4	100	08
16/03/24 21:10	-0.020	9.030	9.010	0.394	24.5	48	2.5	106	07
16/03/24 21:15	-0.011	9.353	9.342	0.334	24.5	50	2.7	106	08
16/03/24 21:20	-0.006	9.531	9.525	0.322	24.2	53	2.3	105	06
16/03/24 21:25	0.020	10.212	10.232	0.322	24.0	49	2.2	99	05
16/03/24 21:30	0.027	10.992	11.019	0.297	24.0	48	2.0	99	07
16/03/24 21:35	0.036	11.267	11.303	0.275	24.0	48	2.1	93	08
16/03/24 21:40	0.029	11.166	11.195	0.186	23.8	48	1.2	83	11
16/03/24 21:45	0.057	11.056	11.113	0.196	23.8	48	1.3	85	14
16/03/24 21:50	0.191	10.985	11.175	0.221	23.7	48	1.3	93	08
16/03/24 21:55	0.225	10.928	11.153	0.236	23.7	50	1.2	101	05
16/03/24 22:00	0.199	10.798	10.997	0.177	23.5	50	1.2	98	09
16/03/24 22:05	0.045	10.708	10.753	0.197	23.5	49	1.5	98	07
16/03/24 22:10	0.047	10.741	10.788	0.082	23.4	52	1.7	110	07
16/03/24 22:15	0.068	10.820	10.888	0.061	23.3	54	1.3	113	10
16/03/24 22:20	0.085	11.050	11.135	0.073	23.2	57	1.9	107	04
16/03/24 22:25	0.078	11.314	11.392	0.109	23.1	58	2.0	110	07
16/03/24 22:30	0.049	10.972	11.021	0.096	23.1	57	2.6	108	05
16/03/24 22:35	0.040	10.364	10.404	0.076	23.0	57	2.2	108	05
16/03/24 22:40	0.001	10.946	10.947	0.101	22.9	58	2.2	104	06
16/03/24 22:45	0.047	12.423	12.470	0.159	22.8	58	2.2	104	04
16/03/24 22:50	0.283	14.127	14.410	0.066	22.6	58	2.2	103	05
16/03/24 22:55	0.440	16.304	16.744	0.046	22.6	57	1.9	103	05
16/03/24 23:00	0.677	18.083	18.760	0.095	22.5	57	1.6	105	04
16/03/24 23:05	0.797	18.219	19.015	0.058	22.5	58	1.9	107	05
16/03/24 23:10	0.794	17.292	18.086	0.005	22.5	58	2.2	106	06
16/03/24 23:15	0.688	15.764	16.452	0.027	22.4	59	2.1	105	05
16/03/24 23:20	0.572	15.142	15.714	0.135	22.3	59	1.8	104	07
16/03/24 23:25	0.570	14.972	15.542	0.217	22.3	57	1.4	101	10
16/03/24 23:30	0.681	14.263	14.944	0.145	22.4	56	1.2	91	16
16/03/24 23:35	5.337	12.716	18.053	0.129	22.4	57	1.3	102	10
16/03/24 23:40	0.080	12.602	12.683	0.304	22.4	58	1.4	105	11
16/03/24 23:45	0.341	12.976	13.317		22.3	57	1.5	98	09
16/03/24 23:50	0.212	11.270	11.482		22.4	56	1.1	99	10
16/03/24 23:55	0.198	10.544	10.742		22.2	58	1.1	105	09
17/03/24 00:00	0.082	10.183	10.265	0.314	22.1	57	1.2	91	09
17/03/24 00:05	0.053	10.320	10.373	0.299	22.1	56	0.6	48	30
17/03/24 00:10	0.131	10.668	10.799	0.363	21.8	57	0.5	44	22
17/03/24 00:15	0.327	10.803	11.130	0.407	21.8	57	0.5	38	20
17/03/24 00:20	0.837	11.127	11.965	0.420	21.7	57	0.8	58	08
17/03/24 00:25	0.868	11.093	11.961	0.409	21.7	56	0.7	85	07
17/03/24 00:30	0.676	10.820	11.496	0.435	21.8	56	0.7	85	06
17/03/24 00:35	0.542	10.558	11.100	0.463	21.7	57	1.1	89	06
17/03/24 00:40	0.437	10.446	10.883	0.496	21.6	57	1.7	78	09
17/03/24 00:45	2.609	15.387	17.995	0.546	21.8	56	1.6	78	09
17/03/24 00:50	8.863	14.086	22.949	0.733	21.7	56	1.5	66	12
17/03/24 00:55	1.086	7.939	9.026	0.850	21.7	57	1.4	59	12
17/03/24 01:00	1.196	8.530	9.726	0.837	21.6	57	1.0	71	12
17/03/24 01:05					21.5	57	1.2	73	12
17/03/24 01:10					21.5	57	1.3	81	10
17/03/24 01:15					21.6	57	1.5	67	11
17/03/24 01:20					21.6	57	1.1	51	10
17/03/24 01:25					21.5	58	1.3	44	08
17/03/24 01:30					21.4	58	1.2	37	10
17/03/24 01:35					21.3	59	0.7	33	20
17/03/24 01:40					21.2	60	0.8	29	17
17/03/24 01:45					21.1	60	1.6	341	27
17/03/24 01:50					21.1	59	1.8	353	32
17/03/24 01:55					21.1	59	1.3	341	29
17/03/24 02:00					21.0	59	1.2	335	33
17/03/24 02:05	2.920	21.654	24.574	0.802	20.9	59	1.1	357	34
17/03/24 02:10	3.187	21.957	25.144	0.841	20.8	59	1.0	7	35
17/03/24 02:15	3.785	22.291	26.076	0.859	20.7	60	0.7	16	46
17/03/24 02:20	3.975	22.056	26.031	0.861	20.7	60	1.3	346	28
17/03/24 02:25	3.782	21.897	25.680	0.848	20.7	60	1.4	355	25
17/03/24 02:30	3.386	21.516	24.901	0.781	20.7	60	1.1	316	26
17/03/24 02:35	2.882	20.829	23.711	0.616	20.9	59	1.2	341	35
17/03/24 02:40	2.344	19.847	22.191	0.594	20.7	58	1.2	332	30
17/03/24 02:45	1.806	17.841	19.647	0.601	20.8	59	1.3	313	29
17/03/24 02:50	1.514	16.375	17.890	0.594	20.6	59	0.7	315	43
17/03/24 02:55	1.395	17.219	18.614	0.631	20.6	58	0.5	2	54
17/03/24 03:00	1.378	17.768	19.146	0.559	20.4	60	0.5	348	41

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/03/24 03:05	1.332	18.174	19.506	0.564	20.4	60	0.5	306	46
17/03/24 03:10	1.553	18.778	20.332	0.620	20.3	59	0.8	30	32
17/03/24 03:15	1.796	19.125	20.921	0.680	20.1	59	1.1	49	08
17/03/24 03:20	1.593	18.342	19.935	0.708	20.0	59	0.9	46	11
17/03/24 03:25	1.359	15.833	17.191	0.755	20.0	59	0.8	15	22
17/03/24 03:30	1.166	11.207	12.373	0.683	20.1	58	1.5	0	17
17/03/24 03:35	0.909	7.463	8.372	0.759	20.3	58	1.0	360	30
17/03/24 03:40	0.732	7.470	8.202	0.657	20.2	58	1.1	31	17
17/03/24 03:45	0.731	8.046	8.777	0.539	20.2	58	1.6	44	19
17/03/24 03:50	0.544	8.457	9.001	0.504	20.2	59	1.1	37	20
17/03/24 03:55	0.568	9.211	9.779	0.540	20.2	59	1.0	13	20
17/03/24 04:00	0.534	9.344	9.878	0.606	20.1	57	1.7	3	20
17/03/24 04:05	0.443	9.008	9.451	0.668	20.4	55	1.7	4	25
17/03/24 04:10	0.429	8.696	9.125	0.594	20.6	53	1.9	1	24
17/03/24 04:15	0.420	8.392	8.812	0.608	20.7	53	1.5	346	30
17/03/24 04:20	0.299	8.010	8.309	0.637	20.7	52	1.7	357	26
17/03/24 04:25	0.139	7.682	7.821	0.681	20.8	52	2.0	6	25
17/03/24 04:30	0.303	7.237	7.539	0.669	20.9	52	2.2	3	28
17/03/24 04:35	0.314	6.708	7.022	0.652	20.9	52	1.7	355	32
17/03/24 04:40	0.248	6.305	6.553	0.597	20.8	53	2.3	359	23
17/03/24 04:45	0.141	5.978	6.120	0.586	20.9	53	2.1	5	23
17/03/24 04:50	0.253	6.000	6.252	0.596	20.8	54	1.8	6	30
17/03/24 04:55	0.373	5.972	6.344	0.588	20.8	55	1.5	7	32
17/03/24 05:00	0.637	5.977	6.614	0.586	20.8	55	2.1	11	21
17/03/24 05:05	1.210	6.277	7.487	0.465	20.8	56	2.2	13	19
17/03/24 05:10	1.410	6.485	7.895	0.457	20.8	56	2.2	12	24
17/03/24 05:15	1.703	6.749	8.451	0.565	20.7	57	1.7	358	32
17/03/24 05:20	1.708	5.409	7.118	0.581	20.7	58	2.5	359	22
17/03/24 05:25	1.439	3.639	5.078	0.564	20.7	58	2.0	3	30
17/03/24 05:30	1.063	3.425	4.488	0.593	20.7	58	2.7	0	23
17/03/24 05:35	0.835	3.754	4.589	0.596	20.7	59	2.6	359	23
17/03/24 05:40	0.589	3.969	4.558	0.539	20.6	59	2.7	358	25
17/03/24 05:45	0.881	4.437	5.318	0.526	20.7	59	2.2	12	24
17/03/24 05:50	1.142	5.205	6.347	0.489	20.7	60	1.9	15	31
17/03/24 05:55	2.476	10.196	12.672	0.497	20.6	60	2.2	19	22
17/03/24 06:00	2.474	7.429	9.903	0.596	20.6	61	2.6	21	19
17/03/24 06:05	1.842	6.906	8.748	0.695	20.5	61	2.2	12	27
17/03/24 06:10	1.334	6.602	7.936	0.704	20.4	61	2.0	3	27
17/03/24 06:15	1.210	6.053	7.263	0.732	20.3	62	3.3	6	18
17/03/24 06:20	0.872	5.808	6.680	0.712	20.4	62	2.6	1	25
17/03/24 06:25	0.899	5.867	6.767	0.757	20.3	62	2.9	2	21
17/03/24 06:30	0.967	5.691	6.658	0.696	20.3	62	2.6	6	28
17/03/24 06:35	1.323	5.985	7.308	0.727	20.3	63	2.8	6	23
17/03/24 06:40	1.099	5.379	6.478	0.712	20.3	63	2.2	4	22
17/03/24 06:45	0.921	5.159	6.080	0.680	20.5	63	1.9	5	25
17/03/24 06:50	1.950	7.471	9.421	0.561	20.5	63	1.4	17	34
17/03/24 06:55	3.353	9.902	13.255	0.580	20.7	63	1.3	12	29
17/03/24 07:00	2.453	6.469	8.923	0.587	20.8	63	1.9	2	27
17/03/24 07:05	1.896	5.800	7.695	0.486	20.7	64	2.1	6	27
17/03/24 07:10	2.263	5.883	8.146	0.523	20.7	63	2.1	351	27
17/03/24 07:15	2.140	5.618	7.758	0.531	20.9	63	1.7	355	30
17/03/24 07:20	2.672	6.477	9.149	0.433	21.0	63	1.1	355	41
17/03/24 07:25	3.505	7.213	10.719	0.458	21.1	63	1.6	0	29
17/03/24 07:30	4.637	6.439	11.076	0.449	21.4	62	1.1	348	38
17/03/24 07:35	1.986	5.588	7.574	0.388	21.4	62	1.1	350	39
17/03/24 07:40	1.895	6.382	8.277	0.406	21.5	62	1.3	9	32
17/03/24 07:45	3.248	7.323	10.571	0.415	21.5	62	1.6	4	19
17/03/24 07:50	5.082	8.872	13.954	0.451	21.9	61	1.7	12	26
17/03/24 07:55	4.398	7.328	11.725	0.412	22.0	60	1.5	5	29
17/03/24 08:00	8.113	12.262	20.375	0.359	22.2	59	2.1	8	26
17/03/24 08:05	6.101	6.456	12.557	0.452	22.2	59	2.6	6	20
17/03/24 08:10	4.809	6.727	11.536	0.443	22.1	59	2.0	12	28
17/03/24 08:15	4.571	7.454	12.026	0.537	22.5	58	2.0	11	20
17/03/24 08:20	4.720	6.316	11.036	0.538	22.7	58	2.5	4	18
17/03/24 08:25	4.200	6.292	10.492	0.559	22.9	57	1.8	8	26
17/03/24 08:30	3.822	6.731	10.554	0.531	23.0	57	2.1	3	24
17/03/24 08:35	4.323	6.917	11.240	0.624	23.2	57	2.3	6	23
17/03/24 08:40	4.377	5.722	10.099	0.566	23.4	56	2.5	12	22
17/03/24 08:45	6.550	7.203	13.753	0.533	23.7	56	2.0	32	26
17/03/24 08:50	2.985	5.060	8.045	0.517	23.9	55	3.0	19	19
17/03/24 08:55	2.414	3.977	6.392	0.613	24.1	55	1.3	4	44
17/03/24 09:00	8.328	3.883	12.212	0.565	24.2	54	1.8	35	20
17/03/24 09:05	5.203	7.854	13.056	0.571	24.3	54	3.0	15	18
17/03/24 09:10	2.904	5.134	8.039	0.570	24.3	54	1.4	342	36
17/03/24 09:15	3.644	4.581	8.225	0.594	24.5	54	1.1	354	44
17/03/24 09:20	4.346	6.469	10.815	0.523	24.8	52	1.8	9	30
17/03/24 09:25	2.705	5.135	7.840	0.532	25.3	50	3.0	9	28
17/03/24 09:30	1.777	4.023	5.801	0.496	25.3	49	3.3	6	22
17/03/24 09:35	3.068	3.995	7.063	0.466	25.4	49	2.7	7	33
17/03/24 09:40	2.601	3.273	5.874	0.469	25.7	48	3.1	5	26
17/03/24 09:45	2.772	4.066	6.839	0.473	25.7	48	3.3	20	22
17/03/24 09:50	4.526	9.708	14.233	0.501	25.8	48	2.6	356	34
17/03/24 09:55	2.336	4.937	7.273	0.502	25.8	47	2.7	358	29
17/03/24 10:00	2.009	3.793	5.802	0.534	26.1	47	2.1	357	33
17/03/24 10:05	1.798	3.731	5.530	0.350	26.3	46	1.6	335	32
17/03/24 10:10	1.268	3.053	4.321	0.344	26.2	46	2.7	335	28
17/03/24 10:15	1.321	4.710	6.031	0.310	26.4	46	2.0	15	32
17/03/24 10:20	1.793	5.079	6.872	0.298	26.4	45	2.2	321	32
17/03/24 10:25	0.996	2.986	3.982	0.202	26.2	46	2.3	333	42
17/03/24 10:30	1.158	3.064	4.222	0.287	26.6	45	1.8	10	37
17/03/24 10:35	1.668	3.975	5.643	0.343	27.0	44	3.4	25	16
17/03/24 10:40	3.295	7.254	10.549	0.265	27.1	44	2.3	12	23
17/03/24 10:45	2.789	4.590	7.379	0.135	27.2	43	2.9	23	24
17/03/24 10:50	1.537	2.983	4.520	0.107	27.1	43	3.2	21	21
17/03/24 10:55	1.001	3.459	4.460	0.075	27.2	43	2.1	353	29
17/03/24 11:00	2.901	8.131	11.032	0.092	27.3	42	2.6	13	31
17/03/24 11:05	4.721	3.291	8.012	0.010	27.4	42	2.8	33	19
17/03/24 11:10	1.838	3.319	5.156	0.098	27.4	41	2.4	8	36
17/03/24 11:15	1.976	2.536	4.511	0.208	27.2	42	2.4	349	32
17/03/24 11:20	1.524	2.498	4.023	0.158	27.3	42	1.9	325	39
17/03/24 11:25	1.612	2.816	4.428	0.209	27.5	41	2.7	29	23
17/03/24 11:30	2.229	4.728	6.957	0.282	27.6	42	0.7	339	70
17/03/24 11:35	1.300	3.064	4.364	0.242	27.6	41	1.6	342	35
17/03/24 11:40	1.045	3.204	4.249	0.158	27.6	41	1.2	310	41
17/03/24 11:45	1.108	3.767	4.875	0.131	27.8	40	2.3	4	26
17/03/24 11:50	1.067	4.257	5.324	0.079	27.9	39	1.9	11	25
17/03/24 11:55	1.125	4.243	5.368	-0.016	28.3	39	1.3	355	42
17/03/24 12:00	0.761	3.962	4.723	-0.018	28.2	39	2.1	335	35

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/03/24 12:05	0.745	3.822	4.567	0.001	28.2	40	1.9	14	31
17/03/24 12:10	0.915	3.509	4.424	-0.011	28.3	40	1.4	313	49
17/03/24 12:15	1.027	3.102	4.129	-0.027	28.4	39	1.5	63	51
17/03/24 12:20	1.599	3.267	4.866	-0.018	28.9	38	1.4	318	46
17/03/24 12:25	0.545	3.299	3.843	-0.022	28.2	39	1.1	274	34
17/03/24 12:30	0.444	3.439	3.884	-0.019	28.4	38	0.5	328	73
17/03/24 12:35	0.966	10.366	11.332	0.035	28.9	37	0.5	171	76
17/03/24 12:40	3.277	10.196	13.473	0.046	29.6	39	1.1	157	31
17/03/24 12:45	6.918	17.125	24.043	0.190	28.7	42	2.0	211	15
17/03/24 12:50	7.431	12.437	19.868	0.401	28.1	43	0.4	215	55
17/03/24 12:55	8.103	14.532	22.635	0.508	29.2	41	1.5	175	26
17/03/24 13:00	23.929	25.696	49.624	0.612	29.1	44	1.9	173	25
17/03/24 13:05	6.894	8.520	15.414	0.519	28.7	53	2.2	168	22
17/03/24 13:10	6.481	17.657	24.138	0.397	27.2	60	2.5	178	20
17/03/24 13:15	2.696	7.456	10.152	0.355	26.7	62	2.7	190	18
17/03/24 13:20	12.036	20.495	32.531	0.478	25.9	64	3.0	190	13
17/03/24 13:25	18.221	16.573	34.794	0.558	26.5	63	2.5	185	15
17/03/24 13:30	9.333	16.467	25.800	0.611	26.6	62	2.9	194	15
17/03/24 13:35	7.397	14.517	21.914	0.806	26.4	62	2.2	180	21
17/03/24 13:40	1.912	5.123	7.035	0.837	27.0	61	2.3	173	19
17/03/24 13:45	1.225	3.582	4.807	0.764	27.3	58	2.1	171	27
17/03/24 13:50	6.482	17.584	24.066	0.591	27.2	58	1.9	170	26
17/03/24 13:55	11.319	20.758	32.077	0.568	27.3	58	2.4	175	24
17/03/24 14:00	8.983	18.596	27.579	0.628	27.0	59	2.9	174	16
17/03/24 14:05	2.215	4.297	6.512	0.501	27.1	59	2.6	185	17
17/03/24 14:10	1.592	4.881	6.473	0.470	26.9	58	2.9	189	13
17/03/24 14:15	0.965	5.228	6.193	0.471	26.2	60	2.5	181	16
17/03/24 14:20	0.851	5.273	6.123	0.568	26.2	61	2.5	176	18
17/03/24 14:25	0.935	5.842	6.777	0.531	26.3	60	2.3	173	18
17/03/24 14:30	1.069	5.893	6.963	0.473	26.8	58	2.3	185	16
17/03/24 14:35	1.014	5.020	6.034	0.415	26.8	57	2.8	191	09
17/03/24 14:40	1.207	5.819	7.025	0.311	26.3	58	2.4	189	13
17/03/24 14:45	1.347	6.415	7.762	0.440	26.4	58	2.8	191	11
17/03/24 14:50	1.405	6.863	8.268	0.402	26.7	57	2.2	195	13
17/03/24 14:55	1.623	7.552	9.174	0.274	26.6	58	2.4	194	15
17/03/24 15:00	1.695	7.586	9.281	0.236	26.6	58	2.5	194	13
17/03/24 15:05	1.517	6.442	7.959	0.310	26.6	58	2.7	195	17
17/03/24 15:10	1.425	5.902	7.328	0.341	27.0	57	2.7	190	15
17/03/24 15:15	1.313	5.413	6.726	0.364	26.9	56	2.6	190	17
17/03/24 15:20	1.200	5.226	6.426	0.232	27.0	55	2.4	191	13
17/03/24 15:25	1.128	5.357	6.485	0.164	27.2	56	2.7	193	16
17/03/24 15:30	1.013	5.303	6.316	0.200	26.9	57	2.5	187	16
17/03/24 15:35	0.817	4.964	5.781	0.218	26.3	59	3.0	189	13
17/03/24 15:40	0.780	4.829	5.609	0.150	26.4	60	2.8	194	13
17/03/24 15:45	0.794	4.677	5.472	0.069	26.3	61	3.4	192	11
17/03/24 15:50	0.733	4.413	5.145	0.085	26.3	61	3.6	190	11
17/03/24 15:55	0.655	4.294	4.949	0.050	26.4	62	3.0	189	14
17/03/24 16:00	0.638	4.008	4.646	0.086	26.4	62	3.1	191	14
17/03/24 16:05	0.822	4.087	4.909	0.136	26.1	64	2.8	191	13
17/03/24 16:10	0.780	3.923	4.703	0.091	26.1	65	3.0	190	11
17/03/24 16:15	0.921	4.390	5.311	0.070	26.0	65	2.4	189	14
17/03/24 16:20	1.089	4.902	5.991	0.044	26.1	63	2.8	188	14
17/03/24 16:25	1.085	4.872	5.957	0.124	26.2	62	3.1	192	13
17/03/24 16:30	0.977	4.679	5.656	0.204	26.3	62	3.1	187	18
17/03/24 16:35	0.897	4.066	4.963	0.135	26.5	61	2.7	180	19
17/03/24 16:40	0.752	3.451	4.203	0.149	26.5	61	2.9	185	14
17/03/24 16:45	0.661	2.972	3.633	0.128	26.4	63	2.6	182	18
17/03/24 16:50	0.531	2.587	3.118	0.061	26.3	64	3.1	173	17
17/03/24 16:55	0.438	2.406	2.844	0.052	26.2	65	3.3	170	17
17/03/24 17:00	0.395	2.270	2.665	0.116	26.2	66	3.1	171	21
17/03/24 17:05	0.388	2.068	2.455	0.225	26.3	67	3.3	176	16
17/03/24 17:10	0.326	1.993	2.319	0.251	26.1	65	2.4	169	28
17/03/24 17:15	0.346	1.951	2.297	0.326	26.1	62	2.3	172	29
17/03/24 17:20	0.286	1.881	2.167	0.396	26.2	60	2.6	165	25
17/03/24 17:25	0.083	1.835	1.918	0.313	26.4	58	2.1	164	37
17/03/24 17:30	0.002	1.775	1.778	0.228	26.5	54	2.7	157	26
17/03/24 17:35	0.064	1.694	1.758	0.157	26.4	53	3.7	152	21
17/03/24 17:40	0.097	1.709	1.806	0.111	26.3	54	2.7	158	29
17/03/24 17:45	0.108	1.753	1.861	0.216	26.2	57	2.0	169	34
17/03/24 17:50	0.054	1.699	1.753	0.207	25.9	59	3.6	153	22
17/03/24 17:55	0.024	1.640	1.664	0.156	25.6	57	4.4	149	19
17/03/24 18:00	0.091	1.609	1.700	0.176	25.7	53	6.3	139	09
17/03/24 18:05	-0.119	1.640	1.521	0.197	25.9	53	5.5	139	10
17/03/24 18:10	-0.142	1.618	1.476	0.105	25.8	55	5.2	141	10
17/03/24 18:15	-0.094	1.689	1.595	0.117	25.6	56	4.9	141	09
17/03/24 18:20	-0.098	1.810	1.712	0.150	25.5	54	5.8	140	09
17/03/24 18:25	-0.082	1.850	1.768	0.201	25.4	58	3.3	131	20
17/03/24 18:30	-0.048	2.121	2.073	0.106	25.4	55	2.5	118	25
17/03/24 18:35	0.128	2.407	2.535	0.005	25.5	52	3.6	128	15
17/03/24 18:40	0.123	2.599	2.722	0.026	25.5	55	2.5	127	24
17/03/24 18:45	0.020	2.632	2.652	0.142	25.3	53	2.6	124	25
17/03/24 18:50	0.108	2.697	2.804	0.196	25.3	54	2.6	126	20
17/03/24 18:55	0.183	2.763	2.946	0.263	25.0	55	3.3	129	18
17/03/24 19:00	0.133	2.805	2.938	0.304	25.0	54	3.4	127	19
17/03/24 19:05	0.103	2.778	2.881	0.315	24.9	55	4.4	129	14
17/03/24 19:10	0.089	2.668	2.757	0.330	24.8	52	3.7	124	19
17/03/24 19:15	0.058	2.473	2.531	0.277	24.8	53	3.5	122	23
17/03/24 19:20	0.086	2.353	2.439	0.266	24.6	54	3.6	118	16
17/03/24 19:25	0.090	2.318	2.408	0.233	24.6	55	3.0	123	21
17/03/24 19:30	0.142	2.234	2.376	0.222	24.5	56	3.3	124	17
17/03/24 19:35	0.144	2.146	2.290	0.128	24.4	56	3.0	121	22
17/03/24 19:40	0.034	2.194	2.228	0.121	24.3	57	2.4	118	23
17/03/24 19:45	-0.032	2.230	2.198	0.093	24.3	56	3.1	121	18
17/03/24 19:50	0.107	2.154	2.262	0.125	24.1	58	2.7	117	16
17/03/24 19:55	0.197	2.205	2.402	0.187	24.2	58	2.5	119	18
17/03/24 20:00	0.128	2.438	2.566	0.213	24.1	56	2.9	118	17
17/03/24 20:05	0.064	2.571	2.635	0.064	24.0	58	2.4	119	17
17/03/24 20:10	0.040	2.718	2.758	-0.050	24.0	56	2.5	118	21
17/03/24 20:15	0.052	2.846	2.899	-0.130	24.0	55	3.0	121	14
17/03/24 20:20	0.079	2.868	2.947	-0.109	24.0	57	2.5	121	17
17/03/24 20:25	0.074	2.964	3.038	-0.010	24.0	56	2.9	121	17
17/03/24 20:30	0.115	3.010	3.126	0.099	23.8	56	3.2	116	15
17/03/24 20:35	0.095	3.254	3.349	0.185	23.9	58	2.9	116	12
17/03/24 20:40	0.030	3.511	3.541	0.303	23.7	58	2.8	115	14
17/03/24 20:45	-0.020	3.832	3.811	0.288	23.7	56	2.9	118	14
17/03/24 20:50	-0.021	4.270	4.249	0.182	23.7	58	1.9	119	24
17/03/24 20:55	-0.012	4.635	4.623	0.076	23.6	57	1.6	119	23
17/03/24 21:00	-0.082	4.990	4.908	0.138	23.5	57	1.7	119	23

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/03/24 21:05	-0.022	5.377	5.355	0.211	23.5	57	1.7	124	21
17/03/24 21:10	0.094	5.722	5.816	0.281	23.4	58	1.3	121	26
17/03/24 21:15	0.237	6.118	6.355	0.267	23.3	60	1.9	109	12
17/03/24 21:20	0.254	6.699	6.953	0.293	23.4	59	2.3	109	10
17/03/24 21:25	0.268	7.292	7.560	0.259	23.5	55	1.5	99	19
17/03/24 21:30	0.247	7.802	8.049	0.331	23.4	54	1.4	96	19
17/03/24 21:35	0.317	7.665	7.982	0.423	23.4	54	1.6	91	16
17/03/24 21:40	0.182	7.329	7.511	0.310	23.4	55	2.1	114	15
17/03/24 21:45	0.040	6.883	6.923	0.212	23.4	56	1.7	98	13
17/03/24 21:50	0.035	6.415	6.450	0.128	23.3	54	1.4	88	14
17/03/24 21:55	0.845	6.149	6.994	0.138	23.4	54	1.6	92	13
17/03/24 22:00	0.480	5.511	5.991	0.132	23.2	54	1.2	94	14
17/03/24 22:05	0.224	5.285	5.509	0.182	23.2	54	1.2	89	15
17/03/24 22:10	0.172	5.114	5.286	0.218	23.2	54	1.0	85	19
17/03/24 22:15	0.031	5.111	5.142	0.258	23.1	54	1.1	86	16
17/03/24 22:20	0.065	5.202	5.267	0.273	23.1	54	1.6	92	12
17/03/24 22:25	0.224	5.290	5.514	0.280	23.0	56	1.2	97	12
17/03/24 22:30	0.246	5.408	5.654	0.199	22.9	55	1.2	97	06
17/03/24 22:35	0.127	5.604	5.731	0.215	22.8	57	0.7	97	21
17/03/24 22:40	-0.004	5.908	5.904	0.217	22.6	55	0.7	43	19
17/03/24 22:45	-0.002	6.088	6.086	0.074	22.7	57	0.1	95	66
17/03/24 22:50	-0.047	6.225	6.178	0.049	22.4	59	0.3	97	22
17/03/24 22:55	-0.072	6.338	6.266	-0.005	22.3	59	0.2	20	22
17/03/24 23:00	0.021	6.560	6.580	0.080	22.2	57	0.6	96	22
17/03/24 23:05	0.085	6.683	6.768	-0.007	22.3	60	0.5	113	29
17/03/24 23:10	0.161	6.622	6.783	-0.025	22.3	60	0.1	67	71
17/03/24 23:15	0.164	6.597	6.761	0.027	22.2	62	0.1	209	51
17/03/24 23:20	0.176	6.640	6.816	-0.047	22.1	62	0.2	124	42
17/03/24 23:25	0.167	6.755	6.922	0.007	22.0	60	0.8	56	20
17/03/24 23:30	0.131	7.498	7.628	0.107	22.0	60	0.7	319	25
17/03/24 23:35	0.125	7.782	7.907	0.020	21.9	60	1.3	308	07
17/03/24 23:40	0.135	8.263	8.398	0.087	21.9	59	1.3	305	09
17/03/24 23:45	0.131	9.503	9.635		21.9	60	1.9	300	06
17/03/24 23:50	0.229	13.502	13.731		22.0	63	1.3	289	15
17/03/24 23:55	0.381	21.586	21.967		21.9	64	1.4	302	12
18/03/24 00:00	0.508	23.845	24.353	0.074	21.7	62	2.1	310	08
18/03/24 00:05	0.855	25.509	26.364	0.275	21.5	63	1.7	306	08
18/03/24 00:10	1.434	27.342	28.776	0.495	21.5	64	1.4	315	14
18/03/24 00:15	1.857	28.246	30.103	0.699	21.4	64	1.1	308	14
18/03/24 00:20	1.880	28.317	30.197	0.893	21.3	65	1.3	322	25
18/03/24 00:25	2.064	28.187	30.250	0.970	21.1	65	0.8	343	30
18/03/24 00:30	2.329	28.174	30.503	1.059	20.9	67	1.3	319	15
18/03/24 00:35	2.506	28.141	30.647	1.135	21.1	66	1.3	329	14
18/03/24 00:40	2.619	28.283	30.901	1.179	21.0	66	1.5	320	11
18/03/24 00:45	2.985	28.420	31.405	1.162	20.9	67	1.7	318	15
18/03/24 00:50	4.052	28.411	32.463	1.158	20.9	67	1.5	321	12
18/03/24 00:55	5.362	28.267	33.629	1.203	20.7	67	1.5	323	17
18/03/24 01:00	6.375	27.803	34.178	1.271	20.6	67	2.5	308	08
18/03/24 01:05					20.7	67	2.2	308	09
18/03/24 01:10					20.6	68	1.7	304	11
18/03/24 01:15					20.5	68	2.2	310	08
18/03/24 01:20					20.4	68	1.3	323	15
18/03/24 01:25					20.3	68	1.5	319	15
18/03/24 01:30					20.3	68	1.2	318	20
18/03/24 01:35					20.3	69	2.3	307	08
18/03/24 01:40					20.2	69	1.6	327	24
18/03/24 01:45					20.1	69	1.5	353	19
18/03/24 01:50					19.9	70	1.5	317	17
18/03/24 01:55					20.0	70	1.9	314	12
18/03/24 02:00					19.9	70	2.2	313	12
18/03/24 02:05	0.711	18.604	19.314	1.289	20.1	70	2.0	317	15
18/03/24 02:10	0.535	18.421	18.956	1.296	20.0	70	1.8	322	14
18/03/24 02:15	0.364	18.099	18.464	1.302	20.1	70	1.0	344	20
18/03/24 02:20	0.520	18.662	19.182	1.402	19.8	70	1.4	338	24
18/03/24 02:25	0.502	18.805	19.307	1.538	19.8	71	1.5	323	16
18/03/24 02:30	0.440	18.489	18.928	1.554	19.9	71	1.5	306	14
18/03/24 02:35	0.320	18.531	18.851	1.432	19.9	71	1.5	313	18
18/03/24 02:40	0.291	18.852	19.143	1.538	19.9	71	0.8	332	28
18/03/24 02:45	0.389	19.147	19.536	1.623	19.7	71	0.7	343	22
18/03/24 02:50	0.797	20.015	20.812	1.572	19.6	72	1.1	315	16
18/03/24 02:55	1.583	22.131	23.714	1.608	19.6	71	1.2	326	22
18/03/24 03:00	2.499	26.696	29.195	1.600	19.6	71	1.2	325	23
18/03/24 03:05	3.463	27.569	31.032	1.565	19.6	71	1.4	318	18
18/03/24 03:10	4.144	26.707	30.851	1.561	19.6	71	1.2	324	19
18/03/24 03:15	4.188	25.823	30.011	1.579	19.5	71	1.1	321	20
18/03/24 03:20	3.908	25.337	29.245	1.649	19.5	70	0.8	350	20
18/03/24 03:25	3.566	25.038	28.603	1.689	19.4	70	0.6	355	24
18/03/24 03:30	3.290	24.802	28.092	1.769	19.4	70	1.0	357	15
18/03/24 03:35	3.106	24.784	27.889	1.754	19.3	70	1.0	335	17
18/03/24 03:40	3.648	24.893	28.541	1.694	19.4	70	0.9	336	19
18/03/24 03:45	5.339	25.312	30.651	1.743	19.3	70	1.2	330	22
18/03/24 03:50	6.774	25.758	32.532	1.914	19.3	70	1.1	343	26
18/03/24 03:55	6.644	25.934	32.578	1.897	19.3	70	1.1	1	15
18/03/24 04:00	5.327	26.543	31.871	1.933	19.3	70	1.2	359	12
18/03/24 04:05	4.800	26.551	31.351	1.986	19.2	69	1.4	351	19
18/03/24 04:10	4.490	26.359	30.849	1.912	19.2	69	1.2	336	19
18/03/24 04:15	4.123	26.026	30.149	1.998	19.3	69	1.0	341	21
18/03/24 04:20	4.180	26.005	30.185	2.077	19.3	69	0.9	333	23
18/03/24 04:25	4.742	26.049	30.791	2.104	19.4	69	1.0	5	18
18/03/24 04:30	4.948	26.100	31.048	2.040	19.2	69	0.9	10	16
18/03/24 04:35	5.760	26.124	31.884	2.130	19.2	70	1.0	353	14
18/03/24 04:40	12.849	22.013	34.862	2.107	19.1	69	1.0	342	14
18/03/24 04:45	20.538	26.336	46.874	1.985	19.3	69	1.0	354	13
18/03/24 04:50	21.901	28.376	50.277	1.884	19.3	69	1.1	10	07
18/03/24 04:55	22.063	28.033	50.097	1.867	19.1	70	1.1	15	07
18/03/24 05:00	23.545	28.148	51.693	1.931	19.0	71	1.2	0	10
18/03/24 05:05	24.754	28.101	52.855	1.922	19.1	70	0.8	358	19
18/03/24 05:10	27.658	27.437	55.095	1.938	19.0	70	0.7	9	21
18/03/24 05:15	29.162	28.270	57.431	1.914	19.0	70	0.7	36	20
18/03/24 05:20	22.764	28.342	51.106	1.880	19.0	71	1.1	76	12
18/03/24 05:25	18.863	26.834	45.697	1.876	18.9	71	1.8	82	08
18/03/24 05:30	14.312	24.299	38.611	1.934	19.0	71	2.0	77	09
18/03/24 05:35	8.378	25.991	34.369	1.777	19.0	71	2.5	68	12
18/03/24 05:40	7.411	25.517	32.927	1.630	18.9	71	1.6	45	13
18/03/24 05:45	7.459	25.159	32.618	1.658	18.9	71	1.1	32	14
18/03/24 05:50	7.720	24.705	32.424	1.662	18.8	71	1.2	23	09
18/03/24 05:55	8.246	24.436	32.681	1.790	18.7	71	1.2	30	05
18/03/24 06:00	9.687	23.860	33.547	1.795	18.6	72	1.0	21	12

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/03/24 06:05	12.685	22.314	34.999	1.806	18.6	72	0.8	6	12
18/03/24 06:10	19.290	20.311	39.601	1.732	18.7	72	0.5	324	32
18/03/24 06:15	34.030	24.969	58.999	1.565	18.7	73	0.8	282	10
18/03/24 06:20	42.294	26.259	68.553	1.588	19.0	72	0.2	339	67
18/03/24 06:25	42.455	26.243	68.698	1.606	18.8	71	0.9	83	06
18/03/24 06:30	41.733	26.178	67.911	1.661	18.7	72	1.1	94	04
18/03/24 06:35	41.510	26.202	67.712	1.768	18.7	72	0.7	84	22
18/03/24 06:40	41.550	26.210	67.760	1.849	18.8	71	0.8	73	11
18/03/24 06:45	40.765	26.259	67.024	1.958	19.0	71	0.9	60	14
18/03/24 06:50	31.102	20.877	51.978	2.014	19.1	70	1.0	42	16
18/03/24 06:55	18.532	23.527	42.058	1.813	19.1	70	0.9	32	17
18/03/24 07:00	21.597	24.441	46.038	1.772	19.2	71	1.1	350	12
18/03/24 07:05	23.754	24.766	48.521	1.769	19.1	71	1.6	318	18
18/03/24 07:10	62.507	27.777	90.283	1.840	19.3	70	1.8	308	14
18/03/24 07:15	70.053	30.110	100.163	2.009	19.6	69	0.5	8	51
18/03/24 07:20	70.163	29.960	100.123	2.060	20.0	67	0.5	47	25
18/03/24 07:25	69.197	29.325	98.522	2.151	20.2	66	1.2	75	18
18/03/24 07:30	69.511	29.567	99.077	2.180	20.4	65	1.6	89	07
18/03/24 07:35	68.312	27.821	96.133	2.260	20.7	65	1.6	96	08
18/03/24 07:40	71.490	29.916	101.407	2.381	20.9	64	2.3	97	06
18/03/24 07:45	68.115	28.162	96.277	2.391	21.1	63	1.3	89	08
18/03/24 07:50	58.874	28.431	87.305	2.407	21.4	62	0.6	85	21
18/03/24 07:55	50.002	30.044	80.046	2.430	21.8	61	0.6	67	25
18/03/24 08:00	45.058	26.073	71.131	2.463	22.1	60	1.3	84	17
18/03/24 08:05	39.049	24.525	63.574	2.358	22.3	62	2.2	101	06
18/03/24 08:10	39.581	23.106	62.687	2.327	22.5	60	1.7	93	13
18/03/24 08:15	33.841	24.963	58.803	2.238	22.8	58	1.1	40	29
18/03/24 08:20	28.975	21.821	50.797	2.217	23.5	54	1.5	29	24
18/03/24 08:25	18.234	18.390	36.625	2.104	23.6	53	1.5	2	36
18/03/24 08:30	18.927	19.843	38.770	2.027	23.8	52	2.0	28	19
18/03/24 08:35	20.280	19.959	40.238	2.046	23.9	52	2.1	29	21
18/03/24 08:40	19.932	20.276	40.209	2.127	24.0	52	1.4	356	22
18/03/24 08:45	19.547	20.597	40.144	2.089	24.1	52	1.4	1	27
18/03/24 08:50	19.677	20.598	40.275	2.067	24.2	52	1.1	355	44
18/03/24 08:55	20.017	20.812	40.830	2.018	24.3	51	1.2	24	40
18/03/24 09:00	20.963	21.466	42.430	2.046	24.7	51	1.0	42	36
18/03/24 09:05	21.706	21.913	43.620	2.141	24.8	50	1.7	33	24
18/03/24 09:10	22.334	21.852	44.187	2.093	24.9	50	1.6	63	24
18/03/24 09:15	24.805	22.364	47.169	2.091	25.2	49	2.4	57	13
18/03/24 09:20	21.732	21.671	43.403	1.949	25.3	49	1.8	46	23
18/03/24 09:25	22.169	22.093	44.262	1.858	25.7	48	1.2	65	34
18/03/24 09:30	22.489	22.877	45.365	1.890	26.2	47	1.4	41	34
18/03/24 09:35	11.557	10.086	21.643	1.853	26.5	46	2.7	7	16
18/03/24 09:40	5.083	8.484	13.567	1.719	26.7	45	2.3	15	26
18/03/24 09:45	4.276	8.068	12.344	1.624	26.8	45	2.9	359	27
18/03/24 09:50	3.763	7.041	10.804	1.648	26.7	45	2.8	2	29
18/03/24 09:55	3.457	6.639	10.096	1.635	26.9	45	2.7	16	21
18/03/24 10:00	3.303	6.529	9.832	1.549	27.3	44	3.3	8	21
18/03/24 10:05	2.990	6.352	9.342	1.585	27.3	44	2.9	15	22
18/03/24 10:10	2.754	6.167	8.922	1.517	27.5	43	3.4	20	19
18/03/24 10:15	2.693	6.088	8.781	1.505	27.4	43	3.0	3	21
18/03/24 10:20	2.530	5.987	8.517	1.426	27.7	43	1.7	334	39
18/03/24 10:25	2.256	5.727	7.983	1.364	28.0	43	2.0	350	33
18/03/24 10:30	2.155	5.472	7.627	1.420	27.7	43	1.8	327	39
18/03/24 10:35	2.017	5.390	7.407	1.394	27.8	43	1.8	335	31
18/03/24 10:40	1.803	5.148	6.951	1.280	27.7	43	2.3	14	31
18/03/24 10:45	1.739	4.843	6.581	1.369	28.2	41	2.9	23	18
18/03/24 10:50	1.749	4.772	6.521	1.408	28.3	41	2.6	352	28
18/03/24 10:55	1.857	4.875	6.732	1.375	28.5	41	3.6	37	12
18/03/24 11:00	1.905	4.792	6.697	1.350	28.7	40	3.4	32	19
18/03/24 11:05	1.812	4.823	6.635	1.399	28.7	40	3.7	41	13
18/03/24 11:10	1.794	4.874	6.668	1.473	28.7	40	2.7	34	18
18/03/24 11:15	1.743	4.768	6.511	1.391	28.8	40	3.0	41	22
18/03/24 11:20	1.762	4.708	6.470	1.306	28.9	40	3.3	37	15
18/03/24 11:25	1.635	4.496	6.130	1.324	28.9	40	3.8	35	15
18/03/24 11:30	1.388	4.131	5.518	1.322	29.1	39	2.2	47	25
18/03/24 11:35	1.366	4.030	5.396	1.271	29.3	39	2.7	32	24
18/03/24 11:40	1.354	4.294	5.648	1.136	29.4	38	2.5	32	21
18/03/24 11:45	1.303	4.335	5.639	1.011	29.6	38	3.5	36	14
18/03/24 11:50	1.132	4.013	5.145	1.007	29.4	38	3.6	36	14
18/03/24 11:55	1.164	3.945	5.109	1.104	29.3	38	2.5	37	31
18/03/24 12:00	1.240	3.829	5.069	1.099	29.4	38	3.3	31	14
18/03/24 12:05	1.625	3.680	5.305	1.184	29.6	37	3.6	40	19
18/03/24 12:10	1.530	3.794	5.324	1.184	29.7	37	2.3	29	24
18/03/24 12:15	1.608	4.124	5.732	1.156	29.8	36	3.5	8	26
18/03/24 12:20	1.480	4.062	5.542	1.116	29.8	36	2.0	0	31
18/03/24 12:25	1.195	3.985	5.180	1.045	29.4	37	1.9	299	23
18/03/24 12:30	1.037	3.975	5.012	0.998	29.2	39	1.7	331	49
18/03/24 12:35	1.143	4.151	5.294	0.948	30.1	35	1.8	38	35
18/03/24 12:40	1.157	4.163	5.321	0.991	30.2	36	1.2	338	55
18/03/24 12:45	1.081	4.364	5.445	1.048	30.5	35	1.1	353	52
18/03/24 12:50	1.065	4.512	5.577	1.132	30.2	34	2.4	49	19
18/03/24 12:55	0.936	4.430	5.366	1.149	30.5	33	3.5	54	18
18/03/24 13:00	0.773	4.219	4.992	1.137	30.6	32	1.8	50	40
18/03/24 13:05	0.699	3.960	4.658	1.111	30.8	32	1.6	57	33
18/03/24 13:10	0.756	3.714	4.470	1.094	30.7	32	1.7	331	37
18/03/24 13:15	0.632	3.528	4.161	1.036	30.4	33	1.6	26	46
18/03/24 13:20	0.668	3.778	4.446	1.121	30.7	33	2.4	33	29
18/03/24 13:25	0.749	3.784	4.533	1.132	30.8	33	1.9	334	34
18/03/24 13:30	0.765	3.762	4.527	1.150	30.6	32	2.8	46	28
18/03/24 13:35	1.135	4.039	5.174	1.246	31.0	32	3.1	26	19
18/03/24 13:40	1.151	4.318	5.469	1.217	30.9	32	2.3	67	28
18/03/24 13:45	1.012	4.445	5.457	1.179	30.8	32	2.3	69	20
18/03/24 13:50	1.025	4.074	5.099	1.129	31.3	31	2.3	75	31
18/03/24 13:55	0.933	3.672	4.605	1.128	31.3	30	1.7	86	56
18/03/24 14:00	0.915	3.723	4.637	1.150	31.6	30	2.9	90	20
18/03/24 14:05	1.002	3.949	4.951	1.199	31.3	31	3.5	56	25
18/03/24 14:10	0.860	3.573	4.433	1.226	31.3	31	1.4	40	22
18/03/24 14:15	0.686	3.699	4.385	1.174	31.4	35	1.3	89	66
18/03/24 14:20	0.569	3.611	4.180	1.128	29.6	52	1.7	146	24
18/03/24 14:25	0.651	3.672	4.323	1.112	28.8	50	1.6	121	19
18/03/24 14:30	0.646	3.645	4.292	1.120	29.4	43	2.1	115	34
18/03/24 14:35	0.540	3.543	4.083	1.094	30.4	41	2.1	131	32
18/03/24 14:40	0.394	3.404	3.798	1.110	29.6	46	2.1	158	24
18/03/24 14:45	0.332	3.201	3.533	1.212	29.5	47	2.2	186	15
18/03/24 14:50	0.286	3.166	3.452	1.330	28.9	47	2.1	173	21
18/03/24 14:55	0.190	2.991	3.181	1.456	28.6	51	1.8	169	24
18/03/24 15:00	0.263	2.821	3.084	1.386	28.5	52	2.0	181	20

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/03/24 15:05	0.334	2.652	2.986	1.342	28.5	53	1.7	168	28
18/03/24 15:10	0.232	2.527	2.759	1.309	28.0	55	1.5	167	36
18/03/24 15:15	0.255	2.444	2.699	1.243	27.7	55	2.3	171	23
18/03/24 15:20	0.194	2.340	2.534	1.161	28.1	55	1.6	174	32
18/03/24 15:25	0.174	2.301	2.474	1.278	28.2	56	2.0	171	27
18/03/24 15:30	0.177	2.211	2.388	1.262	28.0	56	2.0	169	26
18/03/24 15:35	0.104	2.135	2.240	1.304	27.8	54	2.0	176	24
18/03/24 15:40	0.149	2.210	2.359	1.433	27.9	53	1.7	175	33
18/03/24 15:45	0.188	2.415	2.603	1.391	28.1	53	1.6	170	36
18/03/24 15:50	0.173	2.265	2.438	1.288	28.3	51	1.9	165	29
18/03/24 15:55	0.108	2.252	2.361	1.290	28.5	51	1.3	169	38
18/03/24 16:00	0.185	2.127	2.312	1.185	28.6	51	1.3	176	40
18/03/24 16:05	0.222	2.127	2.349	1.261	28.3	53	1.5	164	29
18/03/24 16:10	0.145	2.150	2.295	1.328	27.9	54	1.0	166	41
18/03/24 16:15	0.106	2.125	2.231	1.327	27.7	56	1.8	176	31
18/03/24 16:20	0.028	2.055	2.083	1.316	27.6	56	1.7	172	24
18/03/24 16:25	-0.026	2.107	2.080	1.228	27.6	55	1.6	161	31
18/03/24 16:30	0.019	2.124	2.143	1.234	27.6	51	2.2	149	29
18/03/24 16:35	-0.044	2.169	2.125	1.224	27.9	52	1.5	171	34
18/03/24 16:40	-0.086	2.208	2.122	1.360	27.8	56	2.0	167	23
18/03/24 16:45	-0.040	2.224	2.184	1.341	27.6	55	2.5	169	24
18/03/24 16:50	-0.022	2.312	2.290	1.268	27.7	55	0.8	168	53
18/03/24 16:55	0.006	2.278	2.284	1.326	27.8	55	1.7	167	30
18/03/24 17:00	-0.041	2.313	2.271	1.386	27.8	56	1.2	166	38
18/03/24 17:05	0.006	2.398	2.404	1.395	27.8	56	1.7	161	36
18/03/24 17:10	0.047	2.426	2.473	1.405	27.9	54	2.0	154	31
18/03/24 17:15	0.028	2.332	2.360	1.340	27.7	57	1.5	156	41
18/03/24 17:20	-0.060	2.232	2.173	1.217	27.7	57	2.8	150	22
18/03/24 17:25	-0.007	2.150	2.143	1.193	27.6	56	1.8	157	34
18/03/24 17:30	0.048	2.094	2.142	1.196	27.7	56	1.8	153	37
18/03/24 17:35	0.112	2.019	2.131	1.268	27.8	53	2.1	158	28
18/03/24 17:40	0.091	1.925	2.016	1.218	28.0	55	1.7	163	33
18/03/24 17:45	0.039	1.867	1.907	1.156	27.8	56	1.3	159	41
18/03/24 17:50	-0.017	1.856	1.840	1.271	27.8	55	1.5	165	33
18/03/24 17:55	0.031	1.815	1.845	1.271	27.7	57	1.4	173	35
18/03/24 18:00	0.077	1.764	1.841	1.306	27.6	58	2.1	177	23
18/03/24 18:05	0.117	1.782	1.899	1.322	27.4	59	1.9	176	18
18/03/24 18:10	0.109	2.014	2.123	1.253	27.3	59	1.3	163	43
18/03/24 18:15	0.025	2.219	2.244	1.318	27.3	58	1.0	162	41
18/03/24 18:20	-0.043	2.324	2.281	1.339	27.2	61	0.9	84	39
18/03/24 18:25	-0.074	2.551	2.478	1.367	26.9	59	1.3	93	18
18/03/24 18:30	-0.071	2.907	2.836	1.403	27.2	57	1.3	123	21
18/03/24 18:35	-0.026	2.933	2.907	1.443	27.1	58	1.3	140	19
18/03/24 18:40	0.007	2.961	2.968	1.424	27.1	55	1.9	139	25
18/03/24 18:45	-0.050	3.198	3.148	1.395	27.5	54	1.5	156	24
18/03/24 18:50	-0.025	3.458	3.433	1.367	27.3	57	0.8	168	46
18/03/24 18:55	0.153	3.579	3.732	1.387	27.1	57	1.5	125	19
18/03/24 19:00	0.196	3.750	3.946	1.341	26.8	59	1.8	120	13
18/03/24 19:05	0.228	3.813	4.041	1.279	26.6	63	1.9	119	08
18/03/24 19:10	0.174	3.747	3.921	1.142	26.3	64	2.0	118	08
18/03/24 19:15	0.010	3.795	3.805	1.173	26.4	64	2.1	106	07
18/03/24 19:20	-0.014	3.769	3.755	1.158	26.2	66	2.0	110	08
18/03/24 19:25	0.006	3.780	3.786	1.206	26.1	64	2.5	112	09
18/03/24 19:30	-0.013	3.975	3.963	1.211	26.3	61	2.6	117	08
18/03/24 19:35	0.115	4.124	4.238	1.246	26.4	60	2.7	112	08
18/03/24 19:40	0.077	4.308	4.385	1.162	26.4	59	3.0	108	06
18/03/24 19:45	0.053	4.548	4.601	1.204	26.4	59	2.7	112	09
18/03/24 19:50	0.090	4.721	4.811	1.266	26.4	60	2.7	117	06
18/03/24 19:55	0.056	5.187	5.243	1.339	26.3	62	2.4	113	05
18/03/24 20:00	0.151	5.979	6.130	1.367	26.1	61	2.7	115	06
18/03/24 20:05	0.156	7.112	7.268	1.458	26.3	59	2.0	115	08
18/03/24 20:10	0.079	8.459	8.538	1.472	26.1	60	0.5	82	45
18/03/24 20:15	0.137	9.680	9.816	1.469	26.2	56	0.8	124	24
18/03/24 20:20	0.127	11.766	11.892	1.528	26.3	53	0.8	165	28
18/03/24 20:25	0.179	13.781	13.960	1.584	26.4	52	0.8	128	21
18/03/24 20:30	0.196	14.742	14.938	1.567	26.4	52	1.3	150	16
18/03/24 20:35	0.172	15.844	16.015	1.574	26.5	54	1.3	107	09
18/03/24 20:40	0.033	17.478	17.511	1.555	26.2	53	2.2	102	07
18/03/24 20:45	0.074	18.913	18.987	1.555	26.5	46	1.9	78	13
18/03/24 20:50	0.188	19.450	19.638	1.487	27.0	43	1.3	77	15
18/03/24 20:55	0.304	19.337	19.641	1.321	27.3	42	1.7	72	14
18/03/24 21:00	0.343	19.006	19.349	1.334	27.4	42	2.1	52	12
18/03/24 21:05	0.418	18.866	19.284	1.399	27.4	42	2.3	48	12
18/03/24 21:10	0.345	17.298	17.643	1.372	27.5	41	2.1	51	11
18/03/24 21:15	0.415	15.276	15.691	1.312	27.4	41	2.3	61	12
18/03/24 21:20	0.377	12.090	12.467	1.358	27.5	42	2.1	68	13
18/03/24 21:25	0.276	12.083	12.359	1.282	27.4	42	2.0	65	12
18/03/24 21:30	0.248	12.394	12.643	1.267	27.3	43	2.3	63	16
18/03/24 21:35	0.166	11.395	11.561	1.342	27.2	44	2.4	60	16
18/03/24 21:40	0.138	10.373	10.511	1.322	27.2	44	2.6	62	13
18/03/24 21:45	0.160	9.504	9.664	1.274	27.0	45	3.1	59	12
18/03/24 21:50	0.191	8.929	9.120	1.266	26.8	45	2.6	56	15
18/03/24 21:55	0.169	8.467	8.635	1.356	26.6	46	2.4	59	14
18/03/24 22:00	0.146	8.117	8.263	1.407	26.4	46	2.0	56	13
18/03/24 22:05	0.123	7.852	7.975	1.369	26.3	47	1.8	52	12
18/03/24 22:10	0.148	7.913	8.061	1.417	26.1	47	2.0	61	10
18/03/24 22:15	0.319	7.789	8.109	1.443	26.0	47	1.7	43	17
18/03/24 22:20	0.274	8.047	8.321	1.400	25.8	48	0.9	7	20
18/03/24 22:25	0.280	8.442	8.721	1.264	25.6	48	1.2	55	17
18/03/24 22:30	0.245	8.550	8.795	1.251	25.6	48	2.3	62	09
18/03/24 22:35	0.228	8.192	8.421	1.161	25.5	49	1.9	57	11
18/03/24 22:40	0.300	7.912	8.212	1.165	25.5	49	1.8	58	12
18/03/24 22:45	0.295	7.796	8.091	1.252	25.3	50	1.7	48	12
18/03/24 22:50	0.289	8.076	8.365	1.346	25.1	50	1.1	37	11
18/03/24 22:55	0.273	8.829	9.101	1.415	25.1	51	1.1	37	09
18/03/24 23:00	0.277	9.271	9.549	1.413	24.8	51	0.7	24	14
18/03/24 23:05	0.300	10.038	10.338	1.347	24.7	51	0.6	16	19
18/03/24 23:10	0.389	10.585	10.974	1.282	24.6	51	0.8	31	08
18/03/24 23:15	0.445	12.273	12.719	1.265	24.7	51	0.7	15	12
18/03/24 23:20	0.399	13.176	13.575	1.315	24.6	52	0.6	30	08
18/03/24 23:25	0.439	14.189	14.628	1.381	24.5	52	0.4	2	19
18/03/24 23:30	0.388	15.043	15.431	1.397	24.4	53	0.1	268	67
18/03/24 23:35	0.301	15.865	16.167	1.376	24.3	53	0.4	358	25
18/03/24 23:40	0.436	16.759	17.195	1.449	24.3	54	0.8	18	09
18/03/24 23:45	0.596	17.415	18.011		24.2	54	0.9	36	06
18/03/24 23:50	0.604	17.186	17.789		24.1	54	0.8	26	09
18/03/24 23:55	0.758	17.165	17.923		24.0	54	1.2	40	12
19/03/24 00:00	0.563	15.587	16.150	1.379	24.0	54	0.9	44	08

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/03/24 00:05	0.420	12.135	12.556	1.191	23.8	55	0.8	38	11
19/03/24 00:10	0.412	10.743	11.154	1.166	23.7	55	1.2	47	07
19/03/24 00:15	0.426	9.877	10.302	1.129	23.7	55	0.9	42	06
19/03/24 00:20	0.391	9.520	9.912	0.968	23.7	55	0.8	17	22
19/03/24 00:25	0.354	10.399	10.754	0.884	23.6	56	0.8	355	11
19/03/24 00:30	0.350	11.825	12.175	0.799	23.6	56	0.7	13	27
19/03/24 00:35	0.427	13.220	13.647	0.720	23.5	57	0.8	16	19
19/03/24 00:40	0.440	14.309	14.749	0.754	23.3	57	0.8	5	18
19/03/24 00:45	0.494	15.177	15.671	0.681	23.2	57	0.6	3	20
19/03/24 00:50	0.533	15.564	16.097	0.633	23.2	57	0.7	7	19
19/03/24 00:55	0.441	15.643	16.084	0.635	23.1	58	0.8	55	19
19/03/24 01:00	0.362	15.451	15.813	0.723	23.1	58	0.6	79	10
19/03/24 01:05					23.1	58	0.3	61	12
19/03/24 01:10					23.1	59	0.5	52	18
19/03/24 01:15					23.0	58	0.8	42	10
19/03/24 01:20					23.1	57	0.6	43	07
19/03/24 01:25					23.0	57	0.9	57	04
19/03/24 01:30					22.9	57	1.2	71	07
19/03/24 01:35					22.9	58	1.3	56	06
19/03/24 01:40					22.8	57	1.2	50	06
19/03/24 01:45					22.8	58	1.4	49	06
19/03/24 01:50					22.7	58	1.3	44	08
19/03/24 01:55					22.6	59	0.9	25	12
19/03/24 02:00					22.6	58	1.1	24	11
19/03/24 02:05	0.544	10.552	11.097	0.746	22.6	59	0.7	31	12
19/03/24 02:10	0.559	11.667	12.227	0.756	22.5	59	0.8	19	18
19/03/24 02:15	0.510	12.308	12.818	0.717	22.5	57	1.1	337	15
19/03/24 02:20	0.319	12.335	12.653	0.684	22.9	55	1.5	347	23
19/03/24 02:25	0.263	12.544	12.807	0.753	22.9	55	0.9	4	34
19/03/24 02:30	0.305	13.087	13.392	0.734	22.6	56	1.2	51	17
19/03/24 02:35	0.306	13.352	13.658	0.564	22.4	57	1.9	51	07
19/03/24 02:40	0.270	13.177	13.446	0.449	22.5	58	0.9	74	10
19/03/24 02:45	0.147	12.822	12.970	0.508	22.4	58	1.7	69	15
19/03/24 02:50	0.163	11.797	11.960	0.540	22.4	58	1.9	56	11
19/03/24 02:55	0.259	10.927	11.186	0.471	22.4	59	1.2	41	19
19/03/24 03:00	0.301	10.868	11.169	0.472	22.3	58	1.6	34	19
19/03/24 03:05	0.401	10.395	10.796	0.539	22.7	54	2.0	28	19
19/03/24 03:10	0.353	9.842	10.195	0.608	23.5	51	3.0	48	18
19/03/24 03:15	0.324	9.500	9.824	0.665	23.3	52	3.1	34	20
19/03/24 03:20	0.269	9.240	9.510	0.779	23.8	49	2.5	21	22
19/03/24 03:25	0.161	8.968	9.128	0.736	23.9	49	2.2	19	24
19/03/24 03:30	0.254	8.811	9.065	0.701	24.0	49	2.4	8	20
19/03/24 03:35	0.276	8.646	8.921	0.783	23.9	49	2.4	13	19
19/03/24 03:40	0.307	8.487	8.794	0.798	23.8	50	2.2	26	17
19/03/24 03:45	0.199	8.617	8.816	0.750	23.6	50	2.8	23	15
19/03/24 03:50	0.210	8.871	9.081	0.682	23.6	50	2.4	26	18
19/03/24 03:55	0.240	9.211	9.450	0.607	23.7	50	2.9	27	14
19/03/24 04:00	0.250	9.420	9.670	0.581	24.0	49	3.1	21	14
19/03/24 04:05	0.258	9.303	9.561	0.650	24.4	48	3.6	19	16
19/03/24 04:10	0.260	8.835	9.095	0.589	24.5	48	3.5	23	19
19/03/24 04:15	0.267	8.309	8.576	0.624	24.7	48	3.0	20	20
19/03/24 04:20	0.266	7.757	8.023	0.681	24.7	48	3.2	19	18
19/03/24 04:25	0.338	7.537	7.876	0.603	24.8	48	2.7	19	21
19/03/24 04:30	0.376	7.391	7.767	0.626	24.7	48	3.2	14	20
19/03/24 04:35	0.511	7.685	8.195	0.655	24.7	49	2.7	16	22
19/03/24 04:40	0.558	7.909	8.466	0.685	24.6	49	2.7	18	19
19/03/24 04:45	0.498	8.407	8.905	0.670	24.5	50	2.4	20	18
19/03/24 04:50	0.436	8.932	9.369	0.716	24.3	50	2.7	24	18
19/03/24 04:55	0.428	9.228	9.656	0.706	24.4	51	3.6	26	17
19/03/24 05:00	0.365	9.305	9.670	0.652	24.4	51	2.7	29	21
19/03/24 05:05	0.443	9.571	10.014	0.748	24.4	51	2.9	21	22
19/03/24 05:10	0.457	10.200	10.657	0.753	24.5	51	3.4	23	18
19/03/24 05:15	0.346	10.523	10.870	0.717	24.5	52	3.8	17	16
19/03/24 05:20	0.369	10.687	11.056	0.755	24.6	52	3.8	13	23
19/03/24 05:25	0.484	10.924	11.408	0.705	24.5	52	5.1	13	19
19/03/24 05:30	0.385	11.024	11.408	0.777	24.7	52	3.8	12	18
19/03/24 05:35	0.358	11.041	11.399	0.749	24.6	52	3.4	4	17
19/03/24 05:40	0.428	11.347	11.775	0.652	24.5	52	3.3	1	17
19/03/24 05:45	0.518	11.680	12.198	0.641	24.4	53	3.3	2	23
19/03/24 05:50	0.647	12.120	12.767	0.692	24.4	53	3.9	4	20
19/03/24 05:55	0.709	12.593	13.302	0.703	24.3	53	3.5	5	18
19/03/24 06:00	0.877	13.515	14.392	0.701	24.2	53	3.0	6	19
19/03/24 06:05	1.164	14.806	15.970	0.754	24.1	54	2.6	10	23
19/03/24 06:10	1.267	15.731	16.998	0.815	24.1	54	3.0	13	22
19/03/24 06:15	1.314	16.040	17.355	0.836	24.1	54	2.9	13	26
19/03/24 06:20	1.313	15.933	17.246	0.887	24.1	55	2.7	24	24
19/03/24 06:25	1.429	15.884	17.313	0.890	24.1	55	4.7	25	12
19/03/24 06:30	1.668	15.910	17.578	0.844	24.1	55	4.1	26	13
19/03/24 06:35	1.862	15.887	17.749	0.759	24.2	55	4.4	26	15
19/03/24 06:40	1.967	15.975	17.942	0.712	24.1	55	4.1	22	18
19/03/24 06:45	2.084	15.985	18.069	0.740	24.2	56	4.2	10	22
19/03/24 06:50	2.369	16.111	18.481	0.743	24.2	56	3.4	20	21
19/03/24 06:55	2.811	16.124	18.936	0.760	24.2	56	3.6	12	17
19/03/24 07:00	3.300	16.319	19.618	0.813	24.2	56	3.3	28	20
19/03/24 07:05	3.490	16.512	20.002	0.779	24.2	56	3.4	23	19
19/03/24 07:10	3.791	16.599	20.390	0.721	24.2	56	3.2	22	21
19/03/24 07:15	4.266	16.709	20.975	0.615	24.4	56	3.1	16	18
19/03/24 07:20	4.921	16.908	21.829	0.732	24.5	56	2.6	19	25
19/03/24 07:25	5.794	16.820	22.614	0.714	24.7	55	2.7	17	23
19/03/24 07:30	6.164	16.804	22.968	0.776	25.0	55	3.7	10	16
19/03/24 07:35	6.131	16.615	22.746	0.757	25.1	55	3.5	17	17
19/03/24 07:40	6.023	16.284	22.306	0.718	25.3	55	4.3	19	17
19/03/24 07:45	5.648	15.814	21.462	0.651	25.4	55	3.7	19	17
19/03/24 07:50	5.383	15.300	20.683	0.666	25.6	54	3.9	26	15
19/03/24 07:55	5.250	14.704	19.953	0.735	25.9	54	3.3	19	20
19/03/24 08:00	5.264	14.206	19.470	0.804	26.1	54	3.4	16	16
19/03/24 08:05	5.083	13.772	18.855	0.809	26.4	53	3.7	15	18
19/03/24 08:10	4.731	13.330	18.061	0.824	26.6	53	4.5	8	19
19/03/24 08:15	4.479	13.065	17.544	0.802	26.6	53	4.0	11	23
19/03/24 08:20	4.095	12.472	16.567	0.777	26.7	53	3.8	18	25
19/03/24 08:25	3.755	11.744	15.499	0.720	26.9	53	4.2	24	22
19/03/24 08:30	3.474	11.109	14.583	0.742	26.9	53	4.3	21	19
19/03/24 08:35	3.234	10.642	13.876	0.727	27.0	52	4.7	21	18
19/03/24 08:40	3.021	10.297	13.318	0.665	27.2	52	5.2	12	16
19/03/24 08:45	2.975	10.334	13.309	0.607	27.5	51	5.3	4	26
19/03/24 08:50	2.939	10.413	13.352	0.642	27.4	52	4.7	7	24
19/03/24 08:55	3.066	10.836	13.902	0.649	27.3	52	4.7	6	26
19/03/24 09:00	2.860	10.583	13.443	0.613	27.3	52	4.7	7	26

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/03/24 09:05	2.608	10.165	12.772	0.595	27.4	52	4.3	357	27
19/03/24 09:10	2.615	9.943	12.558	0.720	27.5	52	3.7	351	29
19/03/24 09:15	2.496	9.466	11.962	0.693	27.4	52	3.7	338	33
19/03/24 09:20	2.323	8.827	11.150	0.618	27.3	52	4.2	348	30
19/03/24 09:25	2.168	8.543	10.711	0.604	27.4	53	4.1	345	34
19/03/24 09:30	2.073	8.316	10.389	0.519	27.4	53	3.6	350	35
19/03/24 09:35	2.285	8.523	10.809	0.448	27.6	52	5.9	4	27
19/03/24 09:40	2.363	8.492	10.855	0.489	27.3	53	5.4	0	31
19/03/24 09:45	2.274	8.462	10.736	0.553	27.1	54	4.0	350	28
19/03/24 09:50	2.202	8.637	10.839	0.630	27.1	54	5.9	354	20
19/03/24 09:55	2.205	8.652	10.857	0.576	27.0	54	5.4	9	27
19/03/24 10:00	2.173	8.522	10.695	0.524	27.2	54	5.8	4	24
19/03/24 10:05	2.151	8.426	10.577	0.561	27.3	54	5.0	9	23
19/03/24 10:10	2.406	8.553	10.959	0.592	27.4	53	5.6	2	22
19/03/24 10:15	2.446	8.456	10.901	0.641	27.7	53	6.1	4	19
19/03/24 10:20	2.439	8.133	10.572	0.618	27.8	53	4.2	6	28
19/03/24 10:25	2.659	8.247	10.906	0.668	27.9	53	4.5	3	26
19/03/24 10:30	2.853	8.417	11.270	0.649	28.1	52	5.3	11	21
19/03/24 10:35	2.770	8.006	10.776	0.552	28.0	52	5.5	5	26
19/03/24 10:40	2.678	7.538	10.215	0.587	28.1	52	4.0	4	31
19/03/24 10:45	2.701	7.679	10.380	0.568	28.2	52	4.8	1	29
19/03/24 10:50	2.458	7.765	10.223	0.622	27.8	53	5.0	353	30
19/03/24 10:55	2.188	7.667	9.855	0.661	27.8	53	6.7	14	19
19/03/24 11:00	1.950	7.355	9.305	0.728	27.7	53	4.9	8	22
19/03/24 11:05	1.951	7.226	9.177	0.687	27.9	53	5.6	19	22
19/03/24 11:10	1.902	7.088	8.990	0.737	28.0	52	7.1	12	18
19/03/24 11:15	1.732	6.785	8.517	0.712	28.2	52	6.1	9	21
19/03/24 11:20	1.699	6.459	8.158	0.689	28.7	51	5.7	1	23
19/03/24 11:25	1.832	6.413	8.245	0.603	29.1	50	5.0	2	22
19/03/24 11:30	1.945	6.599	8.544	0.555	29.3	50	5.7	8	25
19/03/24 11:35	1.813	6.352	8.165	0.477	29.0	51	5.8	358	28
19/03/24 11:40	1.816	5.966	7.782	0.473	28.7	52	4.3	355	35
19/03/24 11:45	1.817	5.875	7.693	0.433	28.9	52	5.5	360	28
19/03/24 11:50	1.694	6.007	7.701	0.338	29.0	51	5.5	13	19
19/03/24 11:55	1.710	6.383	8.093	0.397	28.8	52	4.2	345	29
19/03/24 12:00	1.531	6.567	8.098	0.452	28.6	53	3.7	337	37
19/03/24 12:05	1.429	6.779	8.208	0.480	28.2	55	4.0	348	32
19/03/24 12:10	1.593	6.940	8.533	0.566	28.4	54	3.3	5	38
19/03/24 12:15	1.492	6.887	8.379	0.531	28.4	54	5.9	0	24
19/03/24 12:20	1.403	6.414	7.817	0.545	28.2	54	6.2	12	18
19/03/24 12:25	1.459	6.205	7.664	0.442	28.3	54	3.9	359	32
19/03/24 12:30	1.607	6.450	8.056	0.471	28.6	53	5.0	5	26
19/03/24 12:35	1.583	6.481	8.064	0.457	28.5	53	4.1	352	33
19/03/24 12:40	1.829	6.780	8.609	0.351	28.5	54	2.8	343	35
19/03/24 12:45	1.865	6.795	8.660	0.471	28.2	55	4.4	325	26
19/03/24 12:50	1.727	6.464	8.192	0.703	27.9	55	4.5	342	32
19/03/24 12:55	1.588	6.123	7.711	0.819	27.9	56	5.6	343	26
19/03/24 13:00	1.574	5.984	7.559	0.717	28.0	55	4.2	5	29
19/03/24 13:05	1.646	6.226	7.872	0.606	27.9	56	3.7	353	31
19/03/24 13:10	1.865	6.775	8.640	0.559	27.9	56	4.3	354	26
19/03/24 13:15	2.149	7.481	9.630	0.547	28.0	56	4.0	4	26
19/03/24 13:20	1.934	7.062	8.995	0.582	27.8	57	4.3	347	30
19/03/24 13:25	1.656	6.909	8.565	0.577	27.8	56	4.4	354	34
19/03/24 13:30	1.305	6.629	7.934	0.551	27.8	57	3.5	335	32
19/03/24 13:35	1.139	6.776	7.915	0.528	27.8	57	4.5	331	28
19/03/24 13:40	1.167	7.108	8.275	0.488	27.7	57	3.5	326	38
19/03/24 13:45	1.283	7.401	8.684	0.449	27.8	57	3.6	329	30
19/03/24 13:50	1.188	7.506	8.695	0.439	27.8	57	4.0	320	26
19/03/24 13:55	1.174	7.719	8.893	0.537	27.9	57	4.0	310	24
19/03/24 14:00	1.337	8.454	9.791	0.563	27.9	56	3.9	327	32
19/03/24 14:05	1.380	8.463	9.842	0.586	27.9	56	3.7	335	33
19/03/24 14:10	1.340	8.568	9.908	0.666	27.9	57	3.1	334	31
19/03/24 14:15	1.227	8.785	10.012	0.695	27.9	57	3.4	346	35
19/03/24 14:20	1.119	8.779	9.898	0.607	27.8	58	2.8	319	32
19/03/24 14:25	1.098	8.942	10.039	0.584	27.7	58	3.4	341	32
19/03/24 14:30	1.197	9.184	10.381	0.609	27.8	59	2.9	327	28
19/03/24 14:35	1.201	9.489	10.690	0.603	27.7	59	3.0	337	34
19/03/24 14:40	1.229	9.484	10.713	0.641	27.7	59	3.8	333	30
19/03/24 14:45	1.348	9.174	10.522	0.625	27.8	58	3.6	322	27
19/03/24 14:50	1.340	9.383	10.722	0.605	27.9	58	3.6	325	27
19/03/24 14:55	1.546	9.904	11.450	0.609	28.1	57	3.1	337	32
19/03/24 15:00	1.611	9.601	11.213	0.692	28.2	57	3.8	287	26
19/03/24 15:05	1.403	9.106	10.509	0.626	26.4	63	4.5	226	14
19/03/24 15:10	1.389	8.925	10.314	0.643	25.4	65	3.2	204	10
19/03/24 15:15	1.488	8.985	10.473	0.685	25.2	66	2.8	234	17
19/03/24 15:20	1.194	6.492	7.686	0.781	25.1	67	4.0	207	08
19/03/24 15:25	0.885	2.031	2.916	0.897	24.6	71	6.8	204	04
19/03/24 15:30	0.831	1.646	2.476	0.926	24.4	72	7.3	204	03
19/03/24 15:35	0.670	1.488	2.159	0.893	24.2	72	4.4	201	07
19/03/24 15:40	0.543	1.538	2.081	0.840	24.7	69	1.9	194	14
19/03/24 15:45	0.421	1.613	2.034	0.786	24.6	72	2.4	199	11
19/03/24 15:50	0.291	1.595	1.886	0.713	24.6	71	3.5	190	17
19/03/24 15:55	0.365	2.483	2.848	0.721	24.2	75	2.7	173	17
19/03/24 16:00	0.408	3.144	3.553	0.710	23.9	78	2.2	163	26
19/03/24 16:05	0.312	2.915	3.228	0.628	23.5	80	2.0	159	32
19/03/24 16:10	0.342	2.688	3.029	0.596	23.3	79	3.3	170	19
19/03/24 16:15	0.583	3.826	4.409	0.605	23.6	78	3.0	172	20
19/03/24 16:20	0.668	5.812	6.480	0.554	23.8	76	3.4	175	20
19/03/24 16:25	1.915	19.879	21.793	0.625	24.3	74	3.3	174	19
19/03/24 16:30	24.825	30.733	55.558	0.664	24.5	73	3.2	186	16
19/03/24 16:35	50.828	26.732	77.559	0.585	24.5	73	3.8	190	15
19/03/24 16:40	48.604	31.170	79.773	0.679	24.3	74	3.9	185	16
19/03/24 16:45	39.249	24.627	63.876	0.775	23.7	76	4.0	185	15
19/03/24 16:50	63.243	24.784	88.027	0.917	23.1	77	4.5	193	12
19/03/24 16:55	49.674	23.753	73.427	1.013	22.8	78	5.1	189	18
19/03/24 17:00	39.412	18.535	57.947	0.943	22.0	80	5.5	195	08
19/03/24 17:05	52.941	27.833	80.774	0.911	21.9	81	5.3	193	10
19/03/24 17:10	61.283	22.202	83.485	0.944	21.6	80	4.9	194	09
19/03/24 17:15	53.659	27.658	81.317	0.908	21.8	79	4.0	188	13
19/03/24 17:20	56.292	27.221	83.514	0.977	22.0	79	4.0	189	14
19/03/24 17:25	75.813	28.927	104.740	1.010	22.0	78	4.0	190	14
19/03/24 17:30	35.921	20.496	56.417	1.104	22.0	79	3.5	182	14
19/03/24 17:35	49.481	21.896	71.377	0.936	22.0	79	3.7	179	14
19/03/24 17:40	25.985	19.467	45.452	0.858	21.8	80	3.4	179	19
19/03/24 17:45	23.716	16.618	40.333	0.960	21.7	79	3.6	177	20
19/03/24 17:50	45.043	23.240	68.282	1.121	21.8	80	3.6	191	11
19/03/24 17:55	77.631	26.383	104.014	1.118	21.8	78	3.7	192	11
19/03/24 18:00	59.902	25.524	85.426	1.156	21.9	79	3.9	193	10

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/03/24 18:05	58.437	27.498	85.936	1.131	21.8	78	4.0	190	11
19/03/24 18:10	71.285	21.286	92.571	1.097	21.9	80	3.5	193	10
19/03/24 18:15	100.897	23.297	124.194	1.129	21.8	80	3.5	194	08
19/03/24 18:20	35.278	20.253	55.531	1.114	21.9	81	2.3	179	16
19/03/24 18:25	58.301	28.591	86.892	1.115	22.0	81	2.5	194	12
19/03/24 18:30	32.519	27.190	59.709	1.090	22.1	78	2.9	195	11
19/03/24 18:35	8.589	5.214	13.803	0.982	22.1	73	4.8	218	09
19/03/24 18:40	0.532	1.681	2.213	0.814	22.2	71	5.2	217	05
19/03/24 18:45	0.610	1.892	2.502	0.657	22.4	70	4.9	212	05
19/03/24 18:50	0.767	5.574	6.341	0.638	22.3	71	4.6	214	07
19/03/24 18:55	0.825	2.139	2.964	0.664	22.2	72	4.6	226	06
19/03/24 19:00	0.559	2.235	2.794	0.666	22.2	71	4.0	218	08
19/03/24 19:05	1.375	3.091	4.466	0.722	22.2	70	4.7	220	11
19/03/24 19:10	-0.097	1.669	1.572	0.686	22.1	71	5.5	227	04
19/03/24 19:15	0.106	1.397	1.503	0.728	22.0	71	5.6	226	04
19/03/24 19:20	0.141	1.410	1.551	0.699	22.1	71	5.6	227	06
19/03/24 19:25	0.145	1.420	1.565	0.719	22.1	70	5.9	220	06
19/03/24 19:30	0.078	1.493	1.571	0.758	22.0	70	5.0	222	06
19/03/24 19:35	0.075	1.717	1.792	0.698	22.0	71	5.5	218	06
19/03/24 19:40	0.146	1.678	1.825	0.658	22.0	70	5.7	226	05
19/03/24 19:45	-0.005	1.722	1.717	0.685	22.0	68	5.7	230	06
19/03/24 19:50	0.088	1.656	1.744	0.570	21.9	70	6.4	226	05
19/03/24 19:55	0.085	1.574	1.659	0.520	21.9	68	6.9	229	04
19/03/24 20:00	0.010	1.492	1.503	0.446	21.8	67	6.7	232	04
19/03/24 20:05	0.073	1.385	1.458	0.441	21.8	64	6.0	235	04
19/03/24 20:10	0.081	1.203	1.284	0.490	21.7	66	5.4	232	04
19/03/24 20:15	0.305	1.957	2.262	0.514	21.8	65	4.6	244	08
19/03/24 20:20	1.987	19.753	21.740	0.590	21.8	64	4.0	248	10
19/03/24 20:25	3.597	20.298	23.894	0.719	21.8	64	3.3	251	05
19/03/24 20:30	5.575	19.495	25.069	0.787	21.7	64	2.7	253	09
19/03/24 20:35	10.643	23.912	34.555	0.892	21.8	63	2.1	253	10
19/03/24 20:40	3.745	11.455	15.199	0.942	21.8	63	1.7	267	20
19/03/24 20:45	1.860	14.098	15.958	1.070	21.7	62	1.2	287	19
19/03/24 20:50	0.698	8.015	8.713	1.156	21.7	60	0.2	34	73
19/03/24 20:55	0.087	6.110	6.197	1.190	21.7	61	1.3	279	17
19/03/24 21:00	0.003	5.750	5.753	1.102	21.8	62	1.9	268	12
19/03/24 21:05	0.115	5.921	6.036	1.099	21.8	61	2.0	257	10
19/03/24 21:10	0.269	6.514	6.783	1.020	21.8	63	2.0	252	12
19/03/24 21:15	0.318	8.401	8.719	1.034	21.8	64	2.4	270	07
19/03/24 21:20	0.342	7.876	8.217	1.034	21.9	62	3.2	266	07
19/03/24 21:25	0.377	7.305	7.682	0.952	21.9	61	4.1	258	07
19/03/24 21:30	0.487	7.801	8.288	0.997	22.0	62	4.3	256	08
19/03/24 21:35	1.030	11.172	12.202	1.074	22.0	60	5.2	243	06
19/03/24 21:40	2.067	13.682	15.749	1.175	22.0	60	7.0	254	09
19/03/24 21:45	2.509	12.170	14.679	1.261	21.9	60	9.7	244	08
19/03/24 21:50	2.670	6.135	8.806	1.230	21.3	64	10.8	239	06
19/03/24 21:55	2.081	0.996	3.077	1.152	21.0	69	10.1	241	08
19/03/24 22:00	2.497	7.966	10.463	1.167	20.6	70	11.0	250	06
19/03/24 22:05	2.619	5.717	8.335	1.110	20.3	71	10.1	244	08
19/03/24 22:10	2.938	8.632	11.571	1.106	20.3	72	8.7	245	07
19/03/24 22:15	3.071	8.140	11.211	1.098	20.1	73	8.9	248	07
19/03/24 22:20	3.083	8.010	11.093	1.102	19.5	74	9.8	249	08
19/03/24 22:25	2.861	6.507	9.368	1.028	19.2	74	9.8	243	06
19/03/24 22:30	2.269	3.528	5.796	1.007	19.2	73	9.4	239	06
19/03/24 22:35	2.134	4.372	6.505	1.021	19.0	73	9.4	244	06
19/03/24 22:40	2.201	7.657	9.857	1.040	19.0	74	8.5	248	07
19/03/24 22:45	2.589	9.539	12.128	1.112	18.9	75	7.5	242	08
19/03/24 22:50	2.904	9.412	12.316	1.053	18.9	76	7.5	248	10
19/03/24 22:55	3.064	9.080	12.144	1.017	19.0	76	7.3	244	10
19/03/24 23:00	3.056	7.266	10.321	1.113	18.8	76	7.5	242	08
19/03/24 23:05	2.856	5.391	8.246	1.076	18.7	78	8.7	242	08
19/03/24 23:10	2.790	5.503	8.293	0.944	18.6	78	8.7	244	07
19/03/24 23:15	2.650	3.681	6.331	0.955	17.8	78	11.3	251	07
19/03/24 23:20	2.467	3.484	5.950	1.004	16.9	79	9.3	246	08
19/03/24 23:25	2.524	6.739	9.263	0.865	17.1	79	7.4	243	08
19/03/24 23:30	2.815	9.046	11.862	0.854	17.2	75	7.6	249	08
19/03/24 23:35	2.891	6.191	9.081	0.884	17.2	74	7.2	254	09
19/03/24 23:40	2.552	5.186	7.738	0.802	17.1	74	6.0	259	08
19/03/24 23:45	2.158	4.425	6.583		17.0	74	5.5	260	09
19/03/24 23:50	1.648	2.225	3.873		17.0	75	6.6	261	09
19/03/24 23:55	1.494	3.047	4.541		17.0	74	5.8	266	09
20/03/24 00:00	1.199	2.747	3.946	0.857	17.1	74	4.7	268	09
20/03/24 00:05	0.965	3.303	4.269	1.045	17.2	72	4.4	271	11
20/03/24 00:10	0.735	3.604	4.339	1.090	17.4	72	5.0	264	09
20/03/24 00:15	0.565	3.765	4.330	1.051	17.4	72	5.6	263	06
20/03/24 00:20	0.414	3.708	4.122	1.000	17.3	73	5.8	257	07
20/03/24 00:25	0.517	4.157	4.674	1.064	17.4	75	5.6	260	08
20/03/24 00:30	0.562	4.401	4.963	1.135	17.5	74	5.2	253	11
20/03/24 00:35	0.868	5.356	6.224	1.167	17.4	75	5.8	258	12
20/03/24 00:40	0.869	5.395	6.264	1.187	17.3	74	5.1	257	10
20/03/24 00:45	1.070	6.218	7.287	1.295	17.3	74	4.7	253	11
20/03/24 00:50	1.018	6.279	7.297	1.341	17.3	75	4.7	263	10
20/03/24 00:55	0.894	5.910	6.804	1.247	17.5	75	5.2	258	09
20/03/24 01:00	0.927	5.676	6.602	1.195	17.4	74	6.2	252	08
20/03/24 01:05					17.3	75	5.9	258	07
20/03/24 01:10					17.4	76	5.1	263	11
20/03/24 01:15					17.5	77	5.2	260	13
20/03/24 01:20					17.5	77	4.9	272	09
20/03/24 01:25					17.4	74	6.0	253	14
20/03/24 01:30					17.4	75	6.5	261	09
20/03/24 01:35					17.4	75	5.9	258	07
20/03/24 01:40					17.4	74	7.8	249	09
20/03/24 01:45					17.5	74	7.2	254	09
20/03/24 01:50					17.5	73	7.4	252	09
20/03/24 01:55					17.3	72	7.5	247	08
20/03/24 02:00					17.3	73	6.3	246	10
20/03/24 02:05	1.932	6.551	8.484	1.229	17.1	72	8.4	249	07
20/03/24 02:10	2.153	6.742	8.896	1.276	17.2	74	7.1	253	11
20/03/24 02:15	2.139	6.876	9.016	1.315	17.1	74	7.3	255	06
20/03/24 02:20	2.385	8.051	10.436	1.444	17.1	73	7.1	242	09
20/03/24 02:25	2.500	7.960	10.460	1.428	17.1	73	6.2	256	08
20/03/24 02:30	2.392	7.556	9.947	1.320	17.0	72	6.3	250	10
20/03/24 02:35	2.019	6.521	8.540	1.362	17.0	71	7.5	252	09
20/03/24 02:40	1.879	5.767	7.645	1.372	16.9	72	7.4	241	10
20/03/24 02:45	2.171	6.690	8.861	1.396	16.8	72	7.8	247	10
20/03/24 02:50	2.523	7.544	10.067	1.294	16.8	74	7.7	250	10
20/03/24 02:55	2.976	8.937	11.914	1.298	16.8	74	6.5	252	11
20/03/24 03:00	3.001	8.647	11.649	1.307	16.8	73	8.0	255	07

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/03/24 03:05	2.898	4.071	6.969	1.392	16.8	75	8.3	243	10
20/03/24 03:10	2.467	2.302	4.769	1.383	16.5	74	8.4	245	10
20/03/24 03:15	2.139	3.673	5.812	1.347	16.4	73	6.5	252	11
20/03/24 03:20	1.837	4.163	6.000	1.200	16.4	73	7.1	257	05
20/03/24 03:25	1.733	5.401	7.134	1.293	16.3	73	6.6	249	09
20/03/24 03:30	1.724	6.348	8.071	1.307	16.1	73	5.7	252	09
20/03/24 03:35	1.792	6.835	8.627	1.456	16.1	73	6.4	251	10
20/03/24 03:40	2.040	7.396	9.436	1.398	16.1	72	6.2	257	10
20/03/24 03:45	2.013	5.817	7.830	1.303	16.0	73	6.3	257	08
20/03/24 03:50	2.077	7.003	9.081	1.295	16.0	72	6.3	261	12
20/03/24 03:55	2.044	7.843	9.887	1.325	15.9	72	7.0	260	08
20/03/24 04:00	1.963	7.225	9.188	1.256	15.8	73	7.9	260	07
20/03/24 04:05	1.826	6.610	8.436	1.226	15.6	73	7.8	254	08
20/03/24 04:10	1.908	7.156	9.065	1.302	15.7	74	7.8	257	06
20/03/24 04:15	1.777	6.437	8.215	1.283	15.5	75	6.5	255	08
20/03/24 04:20	3.754	7.989	11.743	1.218	15.7	76	6.4	262	09
20/03/24 04:25	9.339	9.930	19.269	1.246	15.5	75	6.3	255	08
20/03/24 04:30	2.778	9.717	12.496	1.311	15.5	76	5.4	263	09
20/03/24 04:35	1.605	6.660	8.265	1.329	15.4	75	6.1	260	08
20/03/24 04:40	1.129	4.552	5.681	1.186	15.4	75	6.3	255	08
20/03/24 04:45	1.032	5.382	6.414	1.256	15.5	76	6.8	258	08
20/03/24 04:50	1.302	7.081	8.383	1.240	15.5	77	6.8	257	07
20/03/24 04:55	1.680	8.674	10.354	1.405	15.5	76	6.4	256	08
20/03/24 05:00	2.176	9.377	11.552	1.396	15.4	75	6.7	253	10
20/03/24 05:05	2.453	9.534	11.987	1.330	15.3	76	6.3	258	09
20/03/24 05:10	2.487	7.466	9.953	1.280	15.4	77	6.6	256	13
20/03/24 05:15	2.234	5.926	8.160	1.312	15.2	77	6.7	259	08
20/03/24 05:20	1.941	5.478	7.419	1.331	15.4	77	7.5	258	07
20/03/24 05:25	2.131	6.133	8.264	1.304	15.3	77	7.1	258	06
20/03/24 05:30	2.155	7.370	9.524	1.358	15.2	76	6.3	257	08
20/03/24 05:35	1.970	7.785	9.755	1.517	15.2	76	4.9	263	10
20/03/24 05:40	2.214	10.597	12.811	1.441	15.1	76	5.2	261	08
20/03/24 05:45	1.984	8.995	10.979	1.315	15.2	76	5.0	257	12
20/03/24 05:50	1.647	8.174	9.821	1.365	15.1	75	4.1	258	10
20/03/24 05:55	1.504	8.796	10.300	1.280	14.9	74	4.3	260	10
20/03/24 06:00	1.613	9.914	11.527	1.183	14.8	75	4.6	264	10
20/03/24 06:05	2.200	12.870	15.070	1.221	14.9	75	5.1	260	09
20/03/24 06:10	8.659	22.777	31.436	1.301	15.0	74	4.7	252	08
20/03/24 06:15	9.316	15.098	24.413	1.302	14.9	73	5.2	258	09
20/03/24 06:20	12.813	14.010	26.823	1.288	15.0	74	6.0	256	10
20/03/24 06:25	6.336	13.408	19.744	1.315	15.0	74	5.4	261	10
20/03/24 06:30	7.059	14.497	21.557	1.284	14.9	73	5.4	250	10
20/03/24 06:35	12.798	17.904	30.701	1.350	14.8	74	4.9	256	12
20/03/24 06:40	9.701	14.625	24.325	1.536	14.9	72	5.0	257	10
20/03/24 06:45	5.653	12.723	18.376	1.551	14.8	72	7.1	257	11
20/03/24 06:50	4.072	9.139	13.212	1.501	14.9	70	7.3	258	12
20/03/24 06:55	3.178	8.465	11.643	1.474	15.0	72	7.7	257	09
20/03/24 07:00	3.213	8.828	12.041	1.437	15.0	70	7.5	252	07
20/03/24 07:05	3.414	8.869	12.283	1.331	15.0	70	7.0	254	07
20/03/24 07:10	3.993	9.215	13.208	1.335	15.1	70	7.8	250	09
20/03/24 07:15	4.882	10.128	15.010	1.325	15.1	68	7.9	247	06
20/03/24 07:20	5.725	9.852	15.577	1.474	15.2	69	8.0	255	06
20/03/24 07:25	5.442	6.172	11.614	1.534	15.2	69	7.7	252	09
20/03/24 07:30	5.389	7.104	12.493	1.403	15.2	68	7.9	253	08
20/03/24 07:35	5.338	7.396	12.733	1.339	15.1	66	8.0	251	08
20/03/24 07:40	5.152	6.934	12.086	1.358	15.1	67	7.3	255	10
20/03/24 07:45	4.990	6.619	11.609	1.468	15.1	66	8.1	256	07
20/03/24 07:50	4.972	6.460	11.432	1.550	15.1	67	7.6	252	06
20/03/24 07:55	5.075	6.564	11.639	1.532	15.2	66	6.8	250	09
20/03/24 08:00	4.775	6.437	11.212	1.418	15.2	66	7.5	256	11
20/03/24 08:05	4.664	6.337	11.001	1.377	15.4	65	7.4	254	08
20/03/24 08:10	4.345	5.937	10.283	1.455	15.3	64	6.9	248	07
20/03/24 08:15	3.832	5.226	9.058	1.327	15.4	66	7.3	254	10
20/03/24 08:20	3.598	4.743	8.341	1.293	15.5	64	8.6	241	07
20/03/24 08:25	3.106	3.226	6.332	1.293	15.5	64	8.3	245	09
20/03/24 08:30	2.866	2.582	5.448	1.187	15.5	65	7.5	245	07
20/03/24 08:35	2.504	2.324	4.827	1.189	15.6	64	7.7	243	07
20/03/24 08:40	2.102	1.917	4.019	1.142	15.7	64	8.1	244	09
20/03/24 08:45	1.769	1.630	3.399	1.201	15.9	65	9.6	239	11
20/03/24 08:50	1.944	1.915	3.859	1.205	15.9	64	9.0	233	06
20/03/24 08:55	2.434	3.096	5.529	1.231	15.9	64	9.4	239	07
20/03/24 09:00	2.120	1.239	3.359	1.206	15.9	64	9.1	236	09
20/03/24 09:05	1.933	1.222	3.155	1.143	16.0	62	8.6	237	07
20/03/24 09:10	1.708	0.985	2.693	1.107	15.9	58	8.7	247	08
20/03/24 09:15	1.564	1.397	2.961	1.055	16.0	57	8.5	245	07
20/03/24 09:20	1.702	2.053	3.755	0.996	16.2	61	7.8	232	13
20/03/24 09:25	1.498	1.376	2.874	0.954	16.4	64	8.0	228	08
20/03/24 09:30	1.210	1.055	2.265	1.053	16.3	60	9.3	239	08
20/03/24 09:35	1.020	1.161	2.181	1.087	16.1	64	8.5	230	08
20/03/24 09:40	0.860	1.177	2.037	1.124	16.1	64	8.7	231	06
20/03/24 09:45	0.789	1.236	2.025	1.086	15.9	63	7.6	233	07
20/03/24 09:50	0.777	1.289	2.066	0.972	16.0	63	8.3	237	10
20/03/24 09:55	0.827	1.313	2.140	0.966	16.3	62	8.1	234	11
20/03/24 10:00	0.855	1.297	2.152	0.990	16.3	63	8.9	232	10
20/03/24 10:05	0.970	1.170	2.140	0.970	16.5	62	8.7	227	10
20/03/24 10:10	0.949	1.057	2.006	0.961	16.4	61	9.2	232	06
20/03/24 10:15	0.852	1.061	1.913	0.969	16.5	60	11.1	237	08
20/03/24 10:20	0.665	1.050	1.715	0.976	16.6	61	8.8	228	07
20/03/24 10:25	0.570	1.166	1.736	0.900	16.8	61	9.9	225	07
20/03/24 10:30	0.303	1.085	1.388	0.873	16.7	60	8.9	223	06
20/03/24 10:35	0.349	1.051	1.400	0.729	17.0	62	9.7	224	06
20/03/24 10:40	0.559	1.107	1.666	0.658	16.9	60	9.5	227	06
20/03/24 10:45	0.983	1.513	2.496	0.796	16.8	60	9.4	231	07
20/03/24 10:50	1.115	1.336	2.451	0.839	16.8	58	10.2	234	06
20/03/24 10:55	0.984	1.167	2.151	0.777	17.0	59	10.5	231	07
20/03/24 11:00	1.127	0.715	1.842	0.815	17.1	59	10.0	226	07
20/03/24 11:05	0.483	0.344	0.826	0.821	17.0	58	10.4	230	07
20/03/24 11:10	0.017	0.748	0.765	0.813	17.1	60	9.3	224	09
20/03/24 11:15	0.847	0.837	1.684	0.868	17.4	59	9.9	225	07
20/03/24 11:20	1.813	6.264	8.077	0.944	17.3	58	9.4	221	06
20/03/24 11:25	24.791	13.875	38.665	1.034	17.3	60	7.6	213	12
20/03/24 11:30	81.850	25.740	107.590	1.813	17.4	59	5.5	200	13
20/03/24 11:35	40.280	12.212	52.492	2.418	17.4	59	6.4	207	09
20/03/24 11:40	60.111	18.296	78.407	2.553	17.5	57	5.4	205	11
20/03/24 11:45	5.058	3.694	8.752	2.231	17.3	60	7.0	215	08
20/03/24 11:50	107.753	7.263	115.016	2.491	17.3	60	6.3	201	14
20/03/24 11:55	131.762	26.150	157.912	4.827	16.6	66	6.0	195	12
20/03/24 12:00	89.059	16.016	105.075	4.741	16.3	66	4.9	196	12

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/03/24 12:05	69.310	16.254	85.564	4.030	16.5	65	6.5	207	10
20/03/24 12:10	38.689	10.135	48.824	3.348	16.9	58	7.6	213	09
20/03/24 12:15	72.257	11.749	84.006	3.394	17.4	56	6.6	204	12
20/03/24 12:20	34.904	9.240	44.143	3.558	17.4	55	7.6	212	09
20/03/24 12:25	10.223	10.262	20.485	2.577	17.4	58	8.0	214	06
20/03/24 12:30	8.800	5.419	14.220	2.120	17.5	58	8.0	213	09
20/03/24 12:35	19.327	11.895	31.222	2.092	17.6	55	7.9	212	09
20/03/24 12:40	37.855	11.005	48.860	1.917	17.8	54	7.0	208	11
20/03/24 12:45	30.154	12.196	42.350	2.015	17.8	59	7.1	208	09
20/03/24 12:50	110.824	26.039	136.863	4.140	18.1	52	5.2	199	12
20/03/24 12:55	59.578	13.261	72.838	4.212	18.2	54	7.1	207	10
20/03/24 13:00	86.834	33.972	120.806	4.507	18.0	50	5.9	200	13
20/03/24 13:05	112.444	8.637	121.081	6.630	18.2	50	6.0	200	12
20/03/24 13:10	63.399	16.037	79.436	6.754	18.3	53	6.1	202	13
20/03/24 13:15	98.282	6.020	104.302	6.851	18.3	49	5.5	201	12
20/03/24 13:20	54.608	13.474	68.082	5.289	18.4	51	6.7	210	12
20/03/24 13:25	119.733	6.281	126.014	4.994	18.2	50	6.0	200	12
20/03/24 13:30	76.274	18.134	94.409	6.074	18.2	51	5.6	193	11
20/03/24 13:35	69.820	25.362	95.182	4.557	18.2	54	5.8	192	11
20/03/24 13:40	71.621	16.092	87.713	3.472	18.2	54	5.6	199	11
20/03/24 13:45	103.052	24.330	127.382	4.261	18.3	49	5.8	196	11
20/03/24 13:50	73.319	18.851	92.170	5.292	18.5	48	5.8	196	13
20/03/24 13:55	76.817	11.748	88.565	5.406	18.6	48	5.2	194	10
20/03/24 14:00	81.871	11.718	93.589	4.350	18.7	48	5.2	197	10
20/03/24 14:05	94.459	26.307	120.766	5.278	18.8	48	6.1	195	10
20/03/24 14:10	100.801	13.817	114.619	4.589	18.7	53	6.1	196	10
20/03/24 14:15	135.766	0.395	136.161	5.539	18.5	52	6.1	197	13
20/03/24 14:20	86.430	20.238	106.669	5.647	18.6	50	5.6	198	12
20/03/24 14:25	83.396	22.903	106.299	5.353	18.4	48	6.2	195	13
20/03/24 14:30	67.244	14.683	81.927	5.829	18.4	49	6.3	195	12
20/03/24 14:35	76.404	22.401	98.805	5.593	18.4	48	5.7	196	11
20/03/24 14:40	106.328	32.715	139.043	6.655	18.3	51	5.4	196	13
20/03/24 14:45	58.393	21.391	79.784	6.587	18.5	51	5.7	197	12
20/03/24 14:50	86.758	19.147	105.905	5.358	18.5	49	5.8	194	12
20/03/24 14:55	72.387	18.118	90.505	6.119	18.4	50	6.0	195	11
20/03/24 15:00	56.599	12.968	69.568	3.538	18.3	49	6.5	193	10
20/03/24 15:05	91.795	20.577	112.373	2.828	18.3	51	5.8	195	12
20/03/24 15:10	90.851	6.633	97.484	2.715	18.4	49	5.3	195	12
20/03/24 15:15	102.919	19.831	122.750	4.454	18.6	45	5.4	193	12
20/03/24 15:20	78.262	17.183	95.445	4.832	18.5	46	5.3	198	11
20/03/24 15:25	68.423	18.685	87.109	4.065	18.5	46	5.6	197	11
20/03/24 15:30	91.303	12.438	103.741	4.453	18.4	43	6.1	195	12
20/03/24 15:35	78.334	15.421	93.755	5.526	18.4	41	6.1	192	10
20/03/24 15:40	86.796	20.894	107.691	3.844	18.4	43	5.6	191	11
20/03/24 15:45	83.738	20.255	103.993	2.726	18.4	42	5.4	192	11
20/03/24 15:50	95.903	23.290	119.193	2.667	18.3	42	5.8	195	09
20/03/24 15:55	99.845	29.548	129.393	2.591	18.4	43	5.0	193	11
20/03/24 16:00	84.670	26.891	111.560	3.075	18.3	45	5.2	193	12
20/03/24 16:05	108.346	12.674	121.019	2.946	18.3	52	5.5	193	10
20/03/24 16:10	77.597	15.349	92.947	3.009	18.1	55	5.9	193	10
20/03/24 16:15	101.527	30.094	131.621	2.770	17.8	58	5.6	194	11
20/03/24 16:20	106.080	27.683	133.763	2.728	17.8	57	4.9	194	10
20/03/24 16:25	95.493	29.466	124.959	2.617	17.8	55	5.7	195	11
20/03/24 16:30	95.856	22.977	118.832	2.702	17.8	56	4.6	193	11
20/03/24 16:35	70.676	23.124	93.800	2.629	17.7	56	5.3	196	11
20/03/24 16:40	101.170	19.510	120.680	2.554	17.9	56	4.1	189	14
20/03/24 16:45	101.733	44.342	146.075	2.415	18.1	55	4.0	189	15
20/03/24 16:50	55.364	21.286	76.649	2.154	18.0	53	5.0	193	11
20/03/24 16:55	82.428	24.842	107.270	2.229	18.1	53	4.4	194	11
20/03/24 17:00	161.210	27.697	188.908	2.658	18.1	51	4.8	194	10
20/03/24 17:05	108.694	26.564	135.258	2.944	18.0	50	4.8	196	13
20/03/24 17:10	301.785	16.175	317.960	4.036	18.1	49	4.4	194	15
20/03/24 17:15	208.365	46.435	254.800	4.876	18.1	49	4.8	192	13
20/03/24 17:20	105.027	21.792	126.819	5.475	18.0	49	5.6	194	11
20/03/24 17:25	48.188	21.914	70.103	3.738	17.8	53	5.6	196	08
20/03/24 17:30	61.615	15.522	77.137	2.472	18.0	53	5.8	193	09
20/03/24 17:35	27.907	13.214	41.121	2.046	18.0	55	6.3	197	08
20/03/24 17:40	38.975	15.472	54.446	1.994	17.9	53	5.9	194	08
20/03/24 17:45	13.097	6.891	19.988	1.744	17.8	54	7.5	199	06
20/03/24 17:50	0.229	1.075	1.304	1.557	17.7	56	6.9	198	07
20/03/24 17:55	1.875	1.478	3.353	1.482	17.9	56	6.8	201	08
20/03/24 18:00	6.459	1.252	7.712	1.465	17.7	59	7.0	198	09
20/03/24 18:05	31.397	8.172	39.569	1.464	17.4	58	6.5	197	08
20/03/24 18:10	6.634	14.739	21.373	1.380	17.5	59	7.0	198	06
20/03/24 18:15	2.171	2.980	5.151	1.251	17.3	58	7.8	200	06
20/03/24 18:20	0.256	0.569	0.824	1.292	17.2	56	7.2	197	06
20/03/24 18:25	31.066	7.678	38.744	1.493	17.1	56	6.9	196	06
20/03/24 18:30	59.946	11.352	71.298	1.815	17.0	55	5.5	194	09
20/03/24 18:35	22.654	10.353	33.007	1.842	16.9	57	5.7	194	08
20/03/24 18:40	22.510	6.099	28.609	1.706	16.9	55	5.9	195	08
20/03/24 18:45	72.240	21.530	93.769	1.610	17.0	56	5.2	195	10
20/03/24 18:50	81.678	18.384	100.062	1.997	17.0	54	5.8	195	06
20/03/24 18:55	44.102	13.464	57.566	1.916	16.9	53	4.5	190	12
20/03/24 19:00	78.211	18.467	96.678	1.942	17.0	56	5.4	195	10
20/03/24 19:05	34.310	13.406	47.716	1.821	16.7	56	6.1	194	09
20/03/24 19:10	66.984	17.527	84.511	1.718	16.8	55	5.3	194	09
20/03/24 19:15	76.967	20.724	97.691	1.792	16.7	55	4.8	193	10
20/03/24 19:20	31.483	14.676	46.160	1.582	16.9	54	5.8	195	09
20/03/24 19:25	88.272	17.732	106.004	1.550	16.8	51	4.6	191	10
20/03/24 19:30	123.204	23.999	147.202	1.708	16.7	53	5.6	194	08
20/03/24 19:35	65.780	13.948	79.728	1.624	16.8	51	5.1	193	10
20/03/24 19:40	74.506	16.424	90.931	1.412	16.8	49	5.2	194	08
20/03/24 19:45	42.711	11.152	53.862	1.328	16.8	49	5.4	195	07
20/03/24 19:50	84.059	17.312	101.371	1.392	16.7	50	5.3	192	08
20/03/24 19:55	110.230	15.774	126.003	1.626	16.7	48	4.0	188	12
20/03/24 20:00	49.561	15.545	65.105	1.661	16.8	52	5.2	193	09
20/03/24 20:05	112.700	17.711	130.411	1.726	16.6	50	4.8	192	08
20/03/24 20:10	62.379	18.358	80.738	1.690	16.6	51	5.5	193	08
20/03/24 20:15	71.964	16.041	88.005	1.657	16.7	51	5.1	193	09
20/03/24 20:20	35.347	16.593	51.940	1.601	16.7	53	5.4	193	08
20/03/24 20:25	70.379	17.528	87.907	1.641	16.8	53	5.6	195	08
20/03/24 20:30	71.486	11.539	83.025	1.814	16.7	50	4.2	192	12
20/03/24 20:35	64.671	14.048	78.719	1.861	16.7	53	3.8	185	17
20/03/24 20:40	126.619	16.934	143.552	1.868	16.7	50	5.2	194	08
20/03/24 20:45	3.384	2.913	6.296	1.769	16.8	51	6.5	197	07
20/03/24 20:50	46.849	9.790	56.639	1.595	16.7	49	4.1	190	13
20/03/24 20:55	24.528	10.567	35.095	1.481	16.7	54	3.7	180	20
20/03/24 21:00	58.872	6.427	65.299	1.638	16.7	49	5.5	195	07

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/03/24 21:05	71.753	13.795	85.548	1.463	16.7	52	4.5	191	09
20/03/24 21:10	91.283	25.439	116.722	1.614	16.7	54	4.6	194	08
20/03/24 21:15	28.246	11.090	39.336	1.455	16.8	53	5.3	193	08
20/03/24 21:20	60.471	13.767	74.238	1.489	16.7	51	4.8	192	09
20/03/24 21:25	87.177	12.036	99.213	1.636	16.7	52	4.3	192	10
20/03/24 21:30	120.654	16.787	137.441	1.620	16.8	55	4.7	193	13
20/03/24 21:35	37.203	25.072	62.275	1.541	16.8	53	5.7	196	07
20/03/24 21:40	56.582	11.327	67.909	1.456	16.8	54	4.4	191	11
20/03/24 21:45	63.279	18.412	81.691	1.457	16.9	54	3.7	182	14
20/03/24 21:50	83.291	11.119	94.410	1.443	16.9	55	3.7	188	12
20/03/24 21:55	98.673	19.656	118.329	1.680	16.8	52	4.4	193	08
20/03/24 22:00	49.918	14.816	64.733	1.764	16.8	51	4.2	192	10
20/03/24 22:05	44.654	12.358	57.012	1.573	16.8	55	3.1	180	23
20/03/24 22:10	93.339	23.580	116.920	1.615	16.8	52	3.8	191	12
20/03/24 22:15	68.470	16.662	85.132	1.685	16.8	54	3.7	188	10
20/03/24 22:20	62.555	20.798	83.353	1.629	16.8	53	2.8	177	19
20/03/24 22:25	40.214	8.279	48.493	1.450	16.7	56	2.6	180	19
20/03/24 22:30	22.080	11.512	33.592	1.453	16.8	55	2.6	169	23
20/03/24 22:35	22.220	9.897	32.117	1.366	16.8	55	2.5	180	20
20/03/24 22:40	39.294	13.842	53.136	1.316	16.7	52	2.7	172	19
20/03/24 22:45	4.024	2.334	6.358	1.099	16.6	51	2.5	168	26
20/03/24 22:50	5.098	2.950	8.048	1.004	16.7	51	2.5	167	27
20/03/24 22:55	11.495	3.845	15.340	0.991	16.7	50	2.1	182	28
20/03/24 23:00	7.371	3.207	10.578	1.014	16.7	52	2.7	165	26
20/03/24 23:05	10.075	1.100	11.175	1.066	16.7	52	2.7	159	23
20/03/24 23:10	1.568	1.288	2.857	1.145	16.7	52	3.2	157	23
20/03/24 23:15	19.930	16.908	36.838	1.061	16.8	53	2.9	180	16
20/03/24 23:20	114.178	15.745	129.923	1.219	16.7	51	3.8	191	10
20/03/24 23:25	51.793	16.894	68.687	1.468	16.7	50	2.9	168	26
20/03/24 23:30	12.940	8.334	21.274	1.295	16.6	53	3.0	166	23
20/03/24 23:35	6.888	7.310	14.199	1.079	16.7	55	2.6	165	28
20/03/24 23:40	38.560	11.680	50.240	1.274	16.7	54	2.6	173	25
20/03/24 23:45	27.084	12.524	39.608		16.7	55	2.6	180	23
20/03/24 23:50	58.040	19.691	77.731		16.6	53	3.0	185	19
20/03/24 23:55	79.515	16.618	96.132		16.7	56	2.9	192	14
21/03/24 00:00	58.698	16.993	75.691	1.241	16.6	52	2.9	178	25
21/03/24 00:05	53.073	13.402	66.475	1.186	16.6	52	3.4	183	21
21/03/24 00:10	28.382	9.179	37.561	1.105	16.5	51	2.4	170	20
21/03/24 00:15	63.528	16.822	80.350	1.068	16.6	55	2.6	186	15
21/03/24 00:20	74.955	19.375	94.330	1.138	16.5	51	3.1	187	13
21/03/24 00:25	61.186	25.918	87.104	1.038	16.4	50	3.0	191	11
21/03/24 00:30	73.744	18.860	92.603	1.101	16.5	50	2.6	188	13
21/03/24 00:35	21.906	5.576	27.482	1.052	16.5	53	1.8	178	24
21/03/24 00:40	18.324	8.676	27.000	0.947	16.4	52	2.3	165	24
21/03/24 00:45	42.639	11.941	54.579	0.866	16.5	51	2.6	179	28
21/03/24 00:50	0.932	0.437	1.368	0.724	16.4	55	3.4	117	13
21/03/24 00:55	0.211	0.687	0.898	0.616	16.4	56	4.9	113	06
21/03/24 01:00	-0.060	1.117	1.057	0.532	16.2	56	3.8	112	09
21/03/24 01:05					16.0	58	3.5	110	14
21/03/24 01:10					15.9	55	3.0	106	07
21/03/24 01:15					15.8	58	3.6	108	10
21/03/24 01:20					15.7	53	2.8	96	15
21/03/24 01:25					15.5	51	3.0	85	12
21/03/24 01:30					15.4	53	3.2	98	08
21/03/24 01:35					15.3	53	3.2	97	11
21/03/24 01:40					15.3	52	2.6	85	11
21/03/24 01:45					15.1	52	2.5	87	09
21/03/24 01:50					14.9	53	2.0	79	12
21/03/24 01:55					14.8	53	1.7	73	18
21/03/24 02:00					14.6	53	2.3	71	13
21/03/24 02:05	-0.033	10.148	10.115	0.336	14.7	53	2.4	80	11
21/03/24 02:10	-0.019	10.274	10.255	0.473	14.6	53	2.3	79	11
21/03/24 02:15	0.150	10.628	10.778	0.457	14.7	54	2.4	71	12
21/03/24 02:20	0.166	10.975	11.141	0.443	14.7	54	2.1	66	13
21/03/24 02:25	0.089	11.044	11.132	0.496	14.7	54	1.9	63	15
21/03/24 02:30	0.090	10.980	11.070	0.558	14.7	54	1.6	63	18
21/03/24 02:35	0.191	10.642	10.833	0.617	14.6	54	2.3	67	11
21/03/24 02:40	0.159	10.204	10.363	0.594	14.6	54	2.6	67	13
21/03/24 02:45	0.254	9.508	9.763	0.533	14.6	54	2.8	67	11
21/03/24 02:50	0.390	8.978	9.368	0.484	14.5	54	2.8	68	10
21/03/24 02:55	0.297	8.893	9.190	0.564	14.5	55	2.0	46	12
21/03/24 03:00	0.167	9.434	9.602	0.552	14.3	56	2.0	42	08
21/03/24 03:05	0.128	10.194	10.322	0.572	14.2	56	1.6	33	09
21/03/24 03:10	0.370	10.938	11.308	0.689	14.2	57	1.5	5	08
21/03/24 03:15	0.329	11.024	11.353	0.670	14.1	57	1.0	345	19
21/03/24 03:20	1.002	11.805	12.808	0.636	14.2	57	1.0	336	20
21/03/24 03:25	5.455	19.455	24.910	0.718	14.0	57	0.7	353	28
21/03/24 03:30	12.207	18.270	30.477	0.807	13.9	58	0.9	3	22
21/03/24 03:35	12.689	18.589	31.278	0.870	13.7	58	1.3	336	23
21/03/24 03:40	12.675	18.540	31.216	0.945	13.8	59	1.5	317	16
21/03/24 03:45	12.903	18.568	31.472	1.002	13.8	58	1.1	2	26
21/03/24 03:50	13.555	18.760	32.314	1.103	13.6	59	1.0	0	35
21/03/24 03:55	13.889	18.973	32.862	1.186	13.5	59	0.9	352	33
21/03/24 04:00	13.473	18.804	32.277	1.091	13.4	60	1.1	331	17
21/03/24 04:05	12.814	18.849	31.663	1.038	13.5	59	1.4	347	19
21/03/24 04:10	12.381	18.905	31.286	0.956	13.4	59	1.5	4	18
21/03/24 04:15	12.595	18.981	31.576	0.882	13.4	60	1.4	354	22
21/03/24 04:20	13.071	19.146	32.216	0.841	13.4	61	1.5	319	17
21/03/24 04:25	13.496	19.071	32.566	0.846	13.5	61	1.5	309	12
21/03/24 04:30	13.981	18.915	32.896	0.838	13.5	61	1.5	303	18
21/03/24 04:35	15.019	18.722	33.741	0.820	13.6	62	1.4	306	14
21/03/24 04:40	17.203	18.541	35.744	0.912	13.5	61	0.9	336	33
21/03/24 04:45	22.283	16.167	38.451	1.212	13.5	60	1.1	349	32
21/03/24 04:50	25.978	17.413	43.391	1.399	13.2	59	1.1	2	21
21/03/24 04:55	31.301	19.595	50.896	1.558	13.2	60	0.8	319	17
21/03/24 05:00	38.231	19.905	58.136	1.639	13.2	62	1.5	309	12
21/03/24 05:05	30.378	23.132	53.509	1.850	13.3	60	2.0	312	05
21/03/24 05:10	24.498	19.167	43.665	1.647	13.4	63	1.4	300	16
21/03/24 05:15	19.913	17.792	37.706	1.261	13.5	65	1.3	278	19
21/03/24 05:20	19.501	17.780	37.281	1.198	13.7	66	1.4	287	12
21/03/24 05:25	21.256	18.894	40.150	1.056	13.3	63	1.2	295	13
21/03/24 05:30	34.938	18.675	53.613	1.094	13.4	63	1.2	307	13
21/03/24 05:35	44.098	20.293	64.390	1.380	13.2	62	0.6	352	37
21/03/24 05:40	42.637	20.616	63.253	1.486	12.9	63	0.7	24	24
21/03/24 05:45	40.007	20.544	60.551	1.525	12.7	63	0.6	17	21
21/03/24 05:50	41.650	20.057	61.708	1.426	12.6	64	0.6	359	20
21/03/24 05:55	45.046	19.309	64.355	1.350	12.6	64	0.5	346	23
21/03/24 06:00	48.517	19.699	68.215	1.336	12.7	64	0.3	326	21

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/03/24 06:05	49.962	21.348	71.311	1.445	12.6	64	0.2	46	33
21/03/24 06:10	57.725	24.817	82.542	1.410	12.5	64	0.5	114	13
21/03/24 06:15	63.171	23.233	86.404	1.299	12.6	64	0.9	88	15
21/03/24 06:20	66.735	23.281	90.016	1.301	12.5	64	0.7	69	08
21/03/24 06:25	63.690	21.242	84.931	1.313	12.6	64	0.9	34	17
21/03/24 06:30	69.630	21.439	91.070	1.436	12.6	65	1.4	32	07
21/03/24 06:35	73.396	21.487	94.884	1.498	12.4	66	1.6	31	05
21/03/24 06:40	71.716	21.520	93.236	1.547	12.3	67	1.5	31	04
21/03/24 06:45	72.248	21.856	94.104	1.497	12.3	67	1.2	26	06
21/03/24 06:50	77.678	21.151	98.828	1.575	12.4	67	1.0	16	11
21/03/24 06:55	81.234	20.773	102.007	1.575	12.5	66	0.8	5	09
21/03/24 07:00	72.973	22.351	95.324	1.581	12.7	65	0.5	325	24
21/03/24 07:05	91.064	25.847	116.911	1.575	13.1	65	0.9	302	07
21/03/24 07:10	119.567	22.045	141.612	1.798	13.6	65	0.9	306	17
21/03/24 07:15	118.765	24.674	143.439	1.878	13.9	62	0.7	337	27
21/03/24 07:20	146.072	27.209	173.281	2.034	13.8	63	1.4	314	09
21/03/24 07:25	159.638	31.451	191.089	2.170	14.0	63	1.3	316	15
21/03/24 07:30	161.486	33.869	195.355	2.250	13.9	62	1.1	342	24
21/03/24 07:35	154.968	30.952	185.920	2.387	14.0	62	1.2	305	15
21/03/24 07:40	130.944	31.615	162.559	2.482	14.3	62	0.8	315	12
21/03/24 07:45	84.869	29.867	114.736	2.367	14.6	60	0.5	344	59
21/03/24 07:50	77.648	25.583	103.231	2.311	15.2	56	1.1	77	20
21/03/24 07:55	57.529	22.405	79.934	2.221	15.5	54	0.5	67	42
21/03/24 08:00	48.755	23.543	72.297	2.165	15.9	53	0.4	87	50
21/03/24 08:05	51.262	23.108	74.370	1.926	16.2	53	1.1	101	17
21/03/24 08:10	55.937	24.794	80.731	1.827	16.2	52	0.2	138	54
21/03/24 08:15	55.759	23.515	79.274	1.926	16.6	52	0.3	151	50
21/03/24 08:20	48.870	25.159	74.028	1.778	17.2	49	0.5	136	36
21/03/24 08:25	40.092	21.026	61.118	1.765	17.4	49	0.6	157	29
21/03/24 08:30	40.193	21.227	61.420	1.883	17.3	49	1.0	139	27
21/03/24 08:35	36.702	20.925	57.627	1.748	17.5	48	1.2	136	19
21/03/24 08:40	33.113	19.006	52.119	1.645	17.6	49	0.6	136	33
21/03/24 08:45	26.675	18.726	45.401	1.361	17.7	47	1.0	68	26
21/03/24 08:50	19.425	14.356	33.782	1.283	17.3	50	1.9	121	24
21/03/24 08:55	8.648	5.871	14.519	1.188	17.7	50	3.0	119	16
21/03/24 09:00	4.177	6.400	10.577	1.075	17.7	48	2.5	128	19
21/03/24 09:05	3.078	4.111	7.189	1.076	17.6	48	2.1	119	19
21/03/24 09:10	3.372	4.787	8.160	0.994	18.0	47	2.2	114	10
21/03/24 09:15	3.751	5.627	9.378	0.899	18.1	46	2.2	126	20
21/03/24 09:20	3.760	4.690	8.450	0.790	18.3	47	2.9	116	14
21/03/24 09:25	3.360	3.047	6.406	0.805	18.6	46	2.8	114	13
21/03/24 09:30	3.262	3.645	6.908	0.845	18.5	46	2.3	116	14
21/03/24 09:35	3.100	3.753	6.853	0.855	18.4	44	3.3	139	15
21/03/24 09:40	2.939	3.542	6.481	0.801	17.9	46	3.5	142	16
21/03/24 09:45	2.997	3.840	6.837	0.649	17.8	46	2.6	134	17
21/03/24 09:50	3.006	4.196	7.203	0.665	18.1	46	2.8	130	16
21/03/24 09:55	3.115	4.511	7.625	0.621	18.3	45	2.1	130	19
21/03/24 10:00	3.284	4.644	7.927	0.665	18.5	45	2.0	135	24
21/03/24 10:05	3.512	4.938	8.450	0.584	18.5	45	2.6	144	19
21/03/24 10:10	3.733	5.074	8.807	0.619	18.5	46	1.8	142	28
21/03/24 10:15	3.737	5.055	8.792	0.529	18.9	46	1.8	173	22
21/03/24 10:20	4.369	5.433	9.802	0.517	19.0	44	1.6	160	28
21/03/24 10:25	4.243	5.326	9.570	0.551	19.2	45	2.2	154	23
21/03/24 10:30	3.950	5.063	9.014	0.542	19.1	43	1.5	159	25
21/03/24 10:35	3.836	4.891	8.727	0.434	19.3	44	1.9	162	25
21/03/24 10:40	3.908	5.112	9.020	0.339	19.2	42	1.4	152	28
21/03/24 10:45	8.471	6.655	15.126	0.337	19.4	46	2.1	176	18
21/03/24 10:50	26.841	10.099	36.940	0.338	19.2	49	3.1	194	12
21/03/24 10:55	13.076	4.251	17.326	0.412	18.2	51	3.3	201	06
21/03/24 11:00	37.668	13.663	51.331	0.375	18.0	52	3.6	200	06
21/03/24 11:05	21.018	10.734	31.752	0.419	18.4	53	3.3	195	14
21/03/24 11:10	13.182	6.820	20.002	0.391	18.9	51	2.9	182	19
21/03/24 11:15	42.985	8.001	50.986	0.387	19.1	48	3.4	191	16
21/03/24 11:20	67.901	9.161	77.062	0.596	18.4	51	4.3	195	07
21/03/24 11:25	47.335	21.616	68.952	0.939	18.8	50	2.3	185	16
21/03/24 11:30	16.420	14.702	31.122	0.829	19.5	48	3.0	190	18
21/03/24 11:35	25.797	8.876	34.673	0.690	18.4	50	4.1	201	05
21/03/24 11:40	2.577	3.502	6.079	0.452	18.2	52	4.6	197	05
21/03/24 11:45	18.382	3.453	21.834	0.352	18.4	53	3.7	195	08
21/03/24 11:50	84.451	17.309	101.760	0.829	18.6	50	4.3	197	06
21/03/24 11:55	14.317	8.300	22.617	0.895	18.4	52	4.5	198	07
21/03/24 12:00	20.261	18.064	38.325	0.786	18.4	53	3.8	196	13
21/03/24 12:05	34.086	18.679	52.765	0.809	18.6	54	4.1	197	08
21/03/24 12:10	80.027	16.693	96.719	0.904	18.8	52	3.3	193	12
21/03/24 12:15	11.011	5.574	16.585	0.903	18.7	52	4.7	197	06
21/03/24 12:20	0.764	1.020	1.784	0.690	18.3	53	5.1	200	05
21/03/24 12:25	6.581	4.953	11.533	0.589	18.5	54	4.1	199	10
21/03/24 12:30	11.598	18.256	29.854	0.590	18.5	53	4.8	199	05
21/03/24 12:35	1.685	2.573	4.258	0.499	18.6	52	4.8	201	06
21/03/24 12:40	1.432	3.605	5.037	0.326	18.3	52	4.9	199	07
21/03/24 12:45				0.200	18.5	54	5.1	200	05
21/03/24 12:50	30.794	8.720	39.514	0.414	19.0	54	3.9	194	10
21/03/24 12:55	31.527	14.555	46.083	0.582	19.3	51	4.6	198	08
21/03/24 13:00	0.649	1.268	1.917	0.526	18.8	51	4.8	200	06
21/03/24 13:05	1.566	2.217	3.783	0.500	18.8	53	5.1	201	04
21/03/24 13:10	0.723	0.976	1.699	0.454	18.7	52	5.4	201	04
21/03/24 13:15				0.328	18.7	53	5.5	202	05
21/03/24 13:20	0.337	1.216	1.552	0.223	18.6	53	5.4	201	06
21/03/24 13:25	0.349	1.076	1.426	0.158	18.8	52	5.7	200	05
21/03/24 13:30	8.337	3.023	11.361	0.195	18.9	50	5.0	199	05
21/03/24 13:35	2.302	1.594	3.896	0.030	19.2	49	5.1	200	05
21/03/24 13:40	21.453	1.731	23.183	0.008	19.3	53	4.9	200	05
21/03/24 13:45				0.105	19.5	48	4.9	198	06
21/03/24 13:50	4.881	4.995	9.876	0.243	19.3	51	5.2	199	04
21/03/24 13:55	21.539	10.460	32.000	0.185	19.4	50	4.9	199	05
21/03/24 14:00	0.096	1.864	1.960	0.249	19.3	49	5.4	202	04
21/03/24 14:05	0.007	1.315	1.323	0.106	19.2	52	5.5	201	04
21/03/24 14:10	0.071	1.251	1.321	0.133	19.2	52	5.5	203	06
21/03/24 14:15	-0.039	1.217	1.178	0.224	19.3	52	5.2	203	05
21/03/24 14:20	13.244	1.823	15.067	0.346	19.4	52	5.3	199	04
21/03/24 14:25	22.454	10.646	33.100	0.423	19.8	51	4.8	199	06
21/03/24 14:30	2.403	2.686	5.089	0.441	19.8	51	5.8	200	05
21/03/24 14:35	1.080	1.020	2.100	0.265	19.6	51	5.3	198	05
21/03/24 14:40	0.437	1.891	2.328	0.115	19.6	52	5.9	200	05
21/03/24 14:45	0.428	1.400	1.828	0.188	19.5	55	5.7	201	05
21/03/24 14:50	0.701	2.081	2.782	0.370	19.4	57	5.8	203	06
21/03/24 14:55	0.812	1.542	2.354	0.415	19.3	57	5.9	204	05
21/03/24 15:00	0.693	1.332	2.025	0.464	19.3	58	6.3	202	05

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/03/24 15:05	0.541	1.158	1.698	0.234	19.4	57	6.1	202	04
21/03/24 15:10	0.414	1.035	1.448	0.092	19.2	60	6.6	208	05
21/03/24 15:15	0.392	1.039	1.431	-0.023	19.2	59	6.5	204	05
21/03/24 15:20	0.323	1.002	1.325	0.000	19.2	58	6.1	203	06
21/03/24 15:25	0.297	1.066	1.363	0.094	19.4	56	6.0	200	05
21/03/24 15:30	0.304	1.252	1.556	0.148	19.5	57	6.4	201	06
21/03/24 15:35	0.340	1.542	1.882	0.203	19.4	59	6.1	201	05
21/03/24 15:40	0.430	1.449	1.879	0.223	19.5	60	6.4	202	04
21/03/24 15:45	0.398	1.366	1.764	0.223	19.5	59	6.4	201	06
21/03/24 15:50	0.395	1.260	1.655	0.256	19.3	59	6.1	201	06
21/03/24 15:55	0.336	1.154	1.490	0.188	19.4	61	7.0	205	05
21/03/24 16:00	0.281	1.099	1.380	0.180	19.4	63	6.7	203	05
21/03/24 16:05	0.210	1.026	1.236	0.238	19.3	64	7.1	204	06
21/03/24 16:10	0.219	1.037	1.256	0.236	19.5	61	6.0	199	06
21/03/24 16:15	0.297	1.168	1.464	0.195	19.6	63	6.7	202	05
21/03/24 16:20	0.735	1.511	2.246	0.139	19.6	62	6.3	200	07
21/03/24 16:25	1.414	1.166	2.580	0.151	19.8	62	6.8	200	05
21/03/24 16:30	0.302	0.641	0.942	0.096	19.7	63	6.7	201	05
21/03/24 16:35	0.558	0.869	1.427	0.169	19.8	62	6.2	199	06
21/03/24 16:40	0.740	1.020	1.761	0.203	19.8	62	7.0	200	05
21/03/24 16:45	0.633	1.089	1.721	0.189	19.7	62	6.4	199	06
21/03/24 16:50	0.645	1.206	1.851	0.295	19.7	62	6.9	200	06
21/03/24 16:55	0.494	1.344	1.837	0.305	19.6	66	7.0	203	06
21/03/24 17:00	0.788	1.431	2.219	0.298	19.8	63	6.7	200	07
21/03/24 17:05	2.801	2.163	4.964	0.321	19.8	63	6.5	200	07
21/03/24 17:10	0.883	0.533	1.416	0.285	19.8	63	6.7	200	05
21/03/24 17:15	1.527	1.469	2.996	0.180	20.0	62	5.4	196	08
21/03/24 17:20	2.283	3.120	5.404	0.281	20.1	61	6.1	199	06
21/03/24 17:25	7.935	1.840	9.774	0.254	20.2	62	6.1	197	09
21/03/24 17:30	0.537	2.713	3.250	0.215	20.2	64	6.2	199	07
21/03/24 17:35	1.055	2.944	3.999	0.275	20.1	63	5.7	197	06
21/03/24 17:40	58.019	19.332	77.351	0.417	20.3	60	4.1	194	10
21/03/24 17:45	91.010	25.967	116.978	0.558	20.6	58	4.1	193	11
21/03/24 17:50	130.796	28.785	159.581	0.728	20.5	57	4.8	195	07
21/03/24 17:55	61.383	23.852	85.235	0.863	20.4	60	3.7	185	15
21/03/24 18:00	80.522	25.934	106.456	0.807	20.3	60	3.8	187	14
21/03/24 18:05	88.841	26.963	115.804	0.852	20.2	59	4.1	193	11
21/03/24 18:10	90.839	23.048	113.887	0.849	20.0	60	4.1	185	18
21/03/24 18:15	38.748	18.336	57.084	0.755	19.8	62	3.6	180	17
21/03/24 18:20	26.996	17.406	44.402	0.714	19.8	63	3.4	179	21
21/03/24 18:25	20.416	14.585	35.002	0.660	19.4	63	3.9	176	20
21/03/24 18:30	9.257	8.704	17.961	0.638	19.3	64	3.8	177	20
21/03/24 18:35	3.500	5.059	8.559	0.585	19.0	65	2.8	170	27
21/03/24 18:40	2.182	3.684	5.865	0.444	18.9	65	3.8	160	24
21/03/24 18:45	3.745	3.212	6.958	0.283	18.8	65	3.4	162	25
21/03/24 18:50	2.659	2.717	5.377	0.359	18.6	65	3.9	159	25
21/03/24 18:55	1.690	2.206	3.896	0.399	18.6	64	4.5	150	19
21/03/24 19:00	-0.046	0.975	0.929	0.332	18.5	64	5.4	142	12
21/03/24 19:05	-0.055	1.281	1.226	0.360	18.4	65	4.5	135	14
21/03/24 19:10	0.055	1.383	1.438	0.412	18.3	65	3.9	131	15
21/03/24 19:15	0.079	1.365	1.444	0.371	18.2	64	4.4	131	14
21/03/24 19:20	0.140	1.380	1.520	0.354	18.1	64	4.7	133	13
21/03/24 19:25	0.116	1.393	1.509	0.372	18.0	65	4.3	132	13
21/03/24 19:30	0.103	1.406	1.509	0.337	18.0	65	4.5	132	10
21/03/24 19:35	0.068	1.336	1.404	0.264	18.0	65	4.9	133	14
21/03/24 19:40	-0.076	1.362	1.286	0.340	17.9	65	4.6	131	13
21/03/24 19:45	0.048	1.327	1.374	0.242	17.8	65	4.5	137	12
21/03/24 19:50	0.034	1.314	1.348	0.297	17.8	66	3.7	136	14
21/03/24 19:55	0.038	1.299	1.337	0.313	17.6	65	3.8	134	15
21/03/24 20:00	0.047	1.287	1.334	0.336	17.6	65	4.6	140	11
21/03/24 20:05	0.027	1.291	1.318	0.293	17.5	65	4.2	142	17
21/03/24 20:10	-0.003	1.279	1.276	0.170	17.6	66	4.4	141	16
21/03/24 20:15	-0.010	1.285	1.275	0.127	17.5	66	4.6	141	11
21/03/24 20:20	-0.037	1.346	1.308	0.116	17.4	66	4.4	142	13
21/03/24 20:25	0.015	1.403	1.419	0.135	17.4	67	4.3	138	13
21/03/24 20:30	0.022	1.377	1.400	0.193	17.5	68	3.5	145	16
21/03/24 20:35	0.064	1.433	1.498	0.221	17.4	66	4.3	140	12
21/03/24 20:40	-0.002	1.568	1.566	0.173	17.2	66	3.3	140	16
21/03/24 20:45	-0.071	1.607	1.536	0.187	17.2	67	3.6	137	13
21/03/24 20:50	-0.164	1.638	1.475	0.153	17.3	68	3.8	142	15
21/03/24 20:55	-0.174	1.549	1.374	0.090	17.2	67	2.9	139	23
21/03/24 21:00	-0.087	1.571	1.483	0.124	17.3	68	3.2	144	18
21/03/24 21:05	-0.021	1.511	1.491	0.230	17.2	67	3.5	142	16
21/03/24 21:10	0.000	1.475	1.475	0.213	17.1	66	4.4	141	11
21/03/24 21:15	0.003	1.368	1.372	0.125	17.1	67	3.6	140	15
21/03/24 21:20	-0.041	1.293	1.252	0.154	17.1	67	3.3	138	16
21/03/24 21:25	-0.091	1.205	1.114	0.104	17.1	69	3.4	142	18
21/03/24 21:30	-0.030	1.115	1.085	0.013	17.1	68	3.8	141	11
21/03/24 21:35	0.042	1.069	1.111	0.012	17.1	69	2.8	134	13
21/03/24 21:40	0.015	1.149	1.164	0.119	17.1	68	3.3	134	14
21/03/24 21:45	0.059	1.168	1.227	0.270	17.0	67	3.8	143	15
21/03/24 21:50	0.086	1.133	1.219	0.302	17.0	66	3.6	145	21
21/03/24 21:55	0.177	1.083	1.260	0.229	17.0	67	4.2	135	12
21/03/24 22:00	0.112	1.026	1.138	0.235	16.9	66	4.2	142	14
21/03/24 22:05	0.070	0.997	1.066	0.146	16.9	68	3.4	136	17
21/03/24 22:10	-0.045	1.021	0.976	0.097	17.0	67	3.2	137	21
21/03/24 22:15	-0.013	0.997	0.983	0.097	16.9	68	3.5	136	15
21/03/24 22:20	0.012	0.960	0.972	0.130	16.8	67	3.4	141	16
21/03/24 22:25	0.024	0.957	0.981	0.164	16.7	68	3.3	143	18
21/03/24 22:30	0.036	0.912	0.948	0.150	16.8	68	3.1	136	16
21/03/24 22:35	0.023	0.831	0.854	0.110	16.7	69	3.1	137	14
21/03/24 22:40	0.096	0.829	0.924	0.097	16.7	68	3.5	144	17
21/03/24 22:45	0.134	0.831	0.965	0.134	16.7	70	2.8	148	24
21/03/24 22:50	0.180	0.938	1.118	0.157	16.6	69	2.5	132	19
21/03/24 22:55	0.200	1.130	1.330	0.125	16.5	70	3.2	149	20
21/03/24 23:00	0.254	1.270	1.525	0.178	16.5	70	2.5	135	21
21/03/24 23:05	0.240	1.490	1.730	0.142	16.3	70	3.1	140	17
21/03/24 23:10	0.190	1.675	1.865	0.163	16.4	69	2.7	136	19
21/03/24 23:15	0.131	1.945	2.076	0.124	16.2	69	2.8	122	17
21/03/24 23:20	0.098	2.440	2.538	0.064	16.1	68	2.9	129	17
21/03/24 23:25	0.130	2.869	2.999	0.162	16.1	68	2.9	136	15
21/03/24 23:30	0.014	3.254	3.268	0.264	16.0	69	2.9	134	14
21/03/24 23:35	-0.032	3.734	3.701	0.291	15.9	70	2.6	135	17
21/03/24 23:40	0.014	4.194	4.208	0.253	15.8	68	2.8	129	15
21/03/24 23:45	0.032	4.530	4.561	0.205	15.7	70	2.5	117	12
21/03/24 23:50	0.154	4.974	5.128		15.7	69	3.5	113	08
21/03/24 23:55	0.207	5.408	5.615		15.6	70	3.8	108	07
22/03/24 00:00	0.125	5.932	6.057	0.244	15.5	70	2.8	110	10

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/03/24 00:05	-0.001	6.387	6.386	0.336	15.5	69	2.9	105	13
22/03/24 00:10	0.042	6.713	6.755	0.401	15.3	70	1.9	108	17
22/03/24 00:15	0.023	6.859	6.882	0.557	15.2	70	2.1	104	13
22/03/24 00:20	0.149	6.780	6.929	0.614	15.0	68	2.2	99	12
22/03/24 00:25	0.040	6.763	6.803	0.577	14.9	69	1.3	89	20
22/03/24 00:30	0.044	6.696	6.740	0.578	14.8	69	1.4	95	21
22/03/24 00:35	0.076	6.611	6.686	0.596	14.7	69	1.0	89	14
22/03/24 00:40	0.257	6.835	7.092	0.612	14.6	69	1.1	82	18
22/03/24 00:45	0.356	7.580	7.936	0.669	14.6	69	1.4	85	15
22/03/24 00:50	0.342	8.031	8.372	0.750	14.6	69	1.0	93	10
22/03/24 00:55	0.245	8.333	8.578	0.826	14.5	69	0.9	90	06
22/03/24 01:00	0.168	8.536	8.705	0.779	14.4	70	0.7	100	14
22/03/24 01:05					14.4	70	0.6	70	14
22/03/24 01:10					14.4	71	0.7	74	05
22/03/24 01:15					14.2	72	0.8	87	12
22/03/24 01:20					14.1	71	0.7	84	10
22/03/24 01:25					14.0	72	0.7	83	08
22/03/24 01:30					14.0	72	0.5	92	09
22/03/24 01:35					14.0	72	0.6	72	20
22/03/24 01:40					14.0	73	0.4	44	13
22/03/24 01:45					14.0	73	0.3	59	07
22/03/24 01:50					13.8	74	0.6	32	11
22/03/24 01:55					13.7	74	0.7	25	04
22/03/24 02:00					13.6	75	1.0	18	04
22/03/24 02:05	1.282	10.681	11.963	0.768	13.6	75	1.0	25	06
22/03/24 02:10	2.183	12.479	14.661	0.776	13.6	74	1.0	37	06
22/03/24 02:15	3.764	17.448	21.212	0.831	13.5	75	1.3	33	05
22/03/24 02:20	3.620	15.238	18.858	0.782	13.5	74	1.3	33	07
22/03/24 02:25	3.362	15.560	18.922	0.682	13.5	75	1.3	33	07
22/03/24 02:30	3.753	16.039	19.792	0.622	13.4	75	1.2	22	05
22/03/24 02:35	4.582	16.539	21.120	0.677	13.3	75	1.5	358	14
22/03/24 02:40	9.938	17.068	27.006	0.639	13.5	76	1.3	331	19
22/03/24 02:45	21.844	17.195	39.039	0.759	13.6	76	1.3	330	17
22/03/24 02:50	25.688	17.200	42.888	0.859	13.5	78	1.0	320	22
22/03/24 02:55	27.825	17.337	45.162	0.920	13.6	78	1.0	325	20
22/03/24 03:00	30.213	18.721	48.933	1.041	13.6	78	1.3	331	15
22/03/24 03:05	30.848	18.566	49.413	1.099	13.4	78	1.4	333	18
22/03/24 03:10	29.429	18.589	48.018	0.995	13.2	79	1.5	329	16
22/03/24 03:15	26.904	18.757	45.661	1.068	13.3	80	1.2	321	15
22/03/24 03:20	26.194	18.366	44.560	1.007	13.4	79	1.3	323	17
22/03/24 03:25	26.174	18.184	44.359	1.079	13.3	80	1.3	324	14
22/03/24 03:30	27.252	17.986	45.238	1.145	13.3	80	1.3	320	14
22/03/24 03:35	28.988	17.616	46.604	1.232	13.1	80	1.3	324	18
22/03/24 03:40	28.707	17.716	46.423	1.220	13.2	80	1.2	326	17
22/03/24 03:45	27.511	17.656	45.168	1.186	13.1	80	1.2	326	23
22/03/24 03:50	25.319	17.920	43.239	1.217	12.9	80	1.7	328	15
22/03/24 03:55	21.357	18.590	39.948	1.224	12.9	81	1.6	317	15
22/03/24 04:00	20.371	17.721	38.091	1.119	12.9	80	1.0	329	25
22/03/24 04:05	21.032	17.463	38.496	1.133	12.8	81	0.9	327	25
22/03/24 04:10	22.602	17.357	39.958	1.174	12.7	80	1.2	0	21
22/03/24 04:15	28.902	16.858	45.760	1.137	12.6	81	1.2	355	19
22/03/24 04:20	30.818	17.667	48.485	1.156	12.5	81	1.1	335	26
22/03/24 04:25	31.181	18.050	49.231	1.183	12.5	81	1.2	335	27
22/03/24 04:30	32.945	17.672	50.616	1.143	12.6	81	1.7	333	19
22/03/24 04:35	35.331	17.543	52.873	1.310	12.5	81	1.2	330	21
22/03/24 04:40	40.009	15.488	55.497	1.393	12.5	81	1.2	334	21
22/03/24 04:45	40.518	16.134	56.652	1.406	12.5	81	1.7	1	19
22/03/24 04:50	39.673	16.432	56.105	1.368	12.3	82	1.6	357	18
22/03/24 04:55	38.832	17.088	55.920	1.367	12.3	82	1.6	358	15
22/03/24 05:00	39.651	17.872	57.522	1.312	12.3	82	1.7	4	18
22/03/24 05:05	41.194	18.278	59.472	1.374	12.3	82	1.2	357	23
22/03/24 05:10	45.840	18.568	64.407	1.369	12.4	82	1.3	4	21
22/03/24 05:15	49.384	19.602	68.986	1.422	12.4	82	1.5	358	24
22/03/24 05:20	47.333	18.382	65.715	1.316	12.3	82	1.4	2	20
22/03/24 05:25	46.165	18.676	64.841	1.318	12.4	82	0.9	357	29
22/03/24 05:30	46.523	19.271	65.794	1.306	12.3	82	1.0	341	24
22/03/24 05:35	47.684	19.520	67.204	1.238	12.4	82	1.4	338	16
22/03/24 05:40	50.305	21.286	71.591	1.349	12.4	82	1.2	332	16
22/03/24 05:45	55.851	23.608	79.459	1.421	12.4	82	1.1	354	20
22/03/24 05:50	61.239	21.150	82.390	1.514	12.4	82	1.2	357	21
22/03/24 05:55	61.851	20.797	82.649	1.571	12.3	82	1.5	0	18
22/03/24 06:00	61.353	20.901	82.254	1.654	12.3	83	1.3	349	20
22/03/24 06:05	62.296	20.909	83.205	1.545	12.4	82	1.5	350	22
22/03/24 06:10	65.393	19.972	85.365	1.580	12.4	82	1.4	8	17
22/03/24 06:15	68.631	19.490	88.121	1.642	12.2	82	1.4	3	17
22/03/24 06:20	70.972	21.868	92.840	1.666	12.2	83	1.7	5	12
22/03/24 06:25	68.730	19.018	87.748	1.635	12.2	83	1.5	0	17
22/03/24 06:30	61.425	21.380	82.805	1.632	12.2	83	1.6	2	21
22/03/24 06:35	63.078	21.529	84.606	1.728	12.3	82	1.9	7	11
22/03/24 06:40	68.215	22.093	90.307	1.785	12.2	83	1.4	5	20
22/03/24 06:45	71.955	23.496	95.452	1.838	12.3	83	1.8	10	17
22/03/24 06:50	64.820	18.199	83.020	1.931	12.3	82	2.0	4	19
22/03/24 06:55	41.041	18.979	60.020	1.894	12.4	82	1.4	347	30
22/03/24 07:00	40.412	18.675	59.087	1.834	12.6	82	1.0	355	36
22/03/24 07:05	41.730	19.355	61.085	1.579	12.8	81	1.1	342	32
22/03/24 07:10	45.639	21.465	67.104	1.624	12.8	80	1.3	358	30
22/03/24 07:15	55.170	22.721	77.891	1.625	13.1	79	1.4	355	23
22/03/24 07:20	65.620	21.296	86.917	1.652	13.2	78	1.6	316	27
22/03/24 07:25	73.099	19.001	92.100	1.746	13.2	80	1.5	300	16
22/03/24 07:30	73.797	21.868	95.665	1.841	13.5	78	1.2	330	23
22/03/24 07:35	72.889	21.609	94.499	1.837	13.8	76	1.0	318	29
22/03/24 07:40	73.624	21.822	95.446	1.805	13.9	76	1.6	304	14
22/03/24 07:45	73.079	21.860	94.939	1.824	13.9	76	2.0	309	11
22/03/24 07:50	72.953	21.763	94.716	1.846	14.1	76	1.1	349	34
22/03/24 07:55	73.033	21.476	94.509	1.864	14.5	74	1.2	310	22
22/03/24 08:00	74.334	21.731	96.065	1.913	14.5	74	1.3	314	18
22/03/24 08:05	72.446	19.656	92.102	2.053	14.6	74	1.7	313	15
22/03/24 08:10	67.879	22.252	90.131	2.005	14.7	74	1.3	308	26
22/03/24 08:15	69.215	22.773	91.988	1.979	14.9	74	1.4	305	16
22/03/24 08:20	88.982	24.736	113.718	2.036	15.0	72	1.1	296	19
22/03/24 08:25	90.508	24.168	114.675	2.137	15.2	72	1.2	316	23
22/03/24 08:30	68.797	29.930	98.727	2.184	15.6	72	1.0	302	27
22/03/24 08:35	56.956	20.550	77.507	2.256	15.6	71	1.2	287	24
22/03/24 08:40	56.761	21.566	78.328	2.298	15.6	70	0.8	292	32
22/03/24 08:45	52.921	19.901	72.822	2.463	15.9	71	1.5	257	11
22/03/24 08:50	42.750	20.159	62.908	2.518	16.0	70	1.0	268	26
22/03/24 08:55	41.883	19.605	61.489	2.677	16.3	68	0.9	274	24
22/03/24 09:00	42.036	19.784	61.820	2.666	16.3	68	0.9	240	15

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/03/24 09:05	41.878	20.012	61.890	2.670	16.2	68	1.2	241	13
22/03/24 09:10	40.196	19.833	60.030	2.662	16.3	68	1.1	253	16
22/03/24 09:15	38.831	19.629	58.460	2.717	16.5	68	0.8	248	14
22/03/24 09:20	39.991	17.997	57.987	2.779	16.8	67	1.7	208	10
22/03/24 09:25	39.702	19.050	58.753	2.863	17.0	66	1.3	221	08
22/03/24 09:30	42.127	20.942	63.069	2.921	16.8	67	1.4	221	08
22/03/24 09:35	46.222	20.270	66.493	3.103	17.0	66	1.3	213	10
22/03/24 09:40	46.760	20.382	67.142	3.252	17.4	65	1.1	219	08
22/03/24 09:45	46.448	20.270	66.718	3.316	17.3	66	1.1	215	09
22/03/24 09:50	45.010	20.068	65.078	3.496	17.6	64	0.7	210	12
22/03/24 09:55	43.003	19.511	62.514	3.701	17.9	65	1.0	211	12
22/03/24 10:00	39.192	18.116	57.309	3.817	17.9	65	1.2	203	13
22/03/24 10:05	33.389	15.828	49.217	3.697	18.5	63	1.3	203	15
22/03/24 10:10	29.601	16.831	46.431	3.499	18.2	63	1.5	209	08
22/03/24 10:15	27.878	16.622	44.499	3.464	18.5	63	1.2	199	10
22/03/24 10:20	26.296	16.368	42.664	3.296	18.5	61	0.6	239	32
22/03/24 10:25	24.775	16.475	41.249	3.224	18.5	63	1.6	224	14
22/03/24 10:30	24.576	16.926	41.502	3.208	18.6	65	2.1	203	09
22/03/24 10:35	26.234	17.261	43.494	3.184	18.2	67	2.5	207	08
22/03/24 10:40	37.803	23.326	61.129	3.048	18.5	67	2.7	206	06
22/03/24 10:45	32.021	19.199	51.220	2.919	18.4	68	2.6	204	09
22/03/24 10:50	38.297	23.645	61.942	2.859	18.9	69	2.5	197	11
22/03/24 10:55	49.909	20.441	70.349	2.844	18.6	70	3.6	204	08
22/03/24 11:00	52.328	23.109	75.437	2.665	18.4	70	3.5	200	09
22/03/24 11:05	40.164	16.849	57.013	2.601	18.3	70	3.5	202	10
22/03/24 11:10	15.479	12.613	28.092	2.574	18.3	68	3.7	194	08
22/03/24 11:15	21.642	12.135	33.777	2.499	18.8	65	3.6	193	11
22/03/24 11:20	9.470	10.192	19.662	2.444	18.7	66	3.6	197	10
22/03/24 11:25	8.277	9.035	17.312	2.340	18.6	67	3.5	195	09
22/03/24 11:30	8.144	8.934	17.078	2.251	18.6	67	3.5	194	09
22/03/24 11:35	8.034	9.046	17.080	2.206	18.6	68	3.7	198	11
22/03/24 11:40	8.773	7.170	15.943	2.218	18.8	69	3.8	200	09
22/03/24 11:45	10.497	7.610	18.108	2.260	18.6	69	4.0	198	09
22/03/24 11:50	8.378	6.600	14.978	2.121	18.6	70	4.0	199	10
22/03/24 11:55	13.139	6.820	19.959	1.994	18.6	71	4.4	195	08
22/03/24 12:00	11.515	9.000	20.515	1.921	18.9	70	4.1	194	08
22/03/24 12:05	5.708	5.339	11.047	1.847	19.0	67	4.1	194	08
22/03/24 12:10	10.249	8.811	19.060	1.858	19.1	66	4.0	196	09
22/03/24 12:15	21.808	11.820	33.628	1.737	19.1	65	3.9	193	09
22/03/24 12:20	26.935	14.525	41.460	1.594	19.4	64	4.0	196	08
22/03/24 12:25	30.929	11.479	42.408	1.732	19.6	64	4.2	194	07
22/03/24 12:30	41.518	23.890	65.407	1.869	19.6	64	4.0	195	10
22/03/24 12:35	28.910	15.561	44.471	1.912	19.7	65	4.2	196	10
22/03/24 12:40	52.441	15.848	68.288	2.003	19.5	66	4.4	197	08
22/03/24 12:45	61.277	20.288	81.565	2.008	19.9	63	4.1	193	09
22/03/24 12:50	41.387	16.499	57.886	2.214	20.1	58	4.2	195	09
22/03/24 12:55	86.625	22.274	108.900	2.377	20.4	53	4.2	192	08
22/03/24 13:00	35.798	16.450	52.248	2.581	20.4	53	4.9	194	09
22/03/24 13:05	49.899	15.245	65.145	2.672	20.3	54	4.3	196	08
22/03/24 13:10	95.482	26.645	122.127	2.696	20.3	55	4.4	194	09
22/03/24 13:15	68.269	27.592	95.861	2.797	20.3	59	4.4	198	08
22/03/24 13:20	42.285	15.767	58.053	2.848	20.4	58	4.1	195	10
22/03/24 13:25	42.139	19.581	61.720	2.862	20.4	59	4.1	197	08
22/03/24 13:30	44.694	15.540	60.234	2.860	20.5	59	4.4	195	08
22/03/24 13:35	57.090	22.538	79.628	2.969	20.5	60	4.1	197	08
22/03/24 13:40	61.618	16.182	77.799	3.108	20.4	58	4.9	195	06
22/03/24 13:45	39.383	24.090	63.473	3.453	20.4	57	4.8	195	07
22/03/24 13:50	27.996	14.694	42.689	3.778	20.5	59	4.2	194	10
22/03/24 13:55	40.458	16.935	57.393	3.980	20.6	58	4.6	196	08
22/03/24 14:00	30.629	18.093	48.722	4.179	20.6	58	4.7	196	08
22/03/24 14:05	28.662	20.117	48.779	4.189	20.8	58	4.4	195	07
22/03/24 14:10	41.921	23.396	65.316	4.104	20.8	58	5.0	196	07
22/03/24 14:15	50.668	26.556	77.224	3.991	20.7	59	5.1	195	08
22/03/24 14:20	14.492	10.642	25.134	3.784	20.6	59	5.4	194	07
22/03/24 14:25	57.045	23.468	80.512	3.651	20.7	61	4.7	194	10
22/03/24 14:30	31.054	18.897	49.952	3.486	20.7	61	5.2	194	10
22/03/24 14:35	32.680	19.152	51.833	3.411	20.7	61	5.0	196	07
22/03/24 14:40	27.402	18.701	46.103	3.244	20.8	61	5.2	192	10
22/03/24 14:45	46.341	18.350	64.691	3.075	20.8	62	4.9	194	09
22/03/24 14:50	23.199	13.554	36.753	2.896	20.9	60	5.6	195	08
22/03/24 14:55	26.018	19.811	45.829	2.755	20.9	61	5.2	194	08
22/03/24 15:00	25.924	15.193	41.117	2.667	20.9	61	5.3	197	08
22/03/24 15:05	27.195	16.165	43.360	2.517	20.8	60	5.9	192	06
22/03/24 15:10	22.325	13.676	36.001	2.459	20.9	61	5.5	195	09
22/03/24 15:15	11.055	8.678	19.733	2.231	20.8	61	5.5	195	07
22/03/24 15:20	11.224	5.998	17.221	2.042	20.8	61	6.1	194	07
22/03/24 15:25	36.167	15.133	51.301	1.987	20.9	61	5.1	196	08
22/03/24 15:30	59.730	26.711	86.441	1.934	20.9	61	4.9	193	10
22/03/24 15:35	51.542	22.335	73.877	2.140	20.9	61	5.1	194	10
22/03/24 15:40	33.667	10.389	44.057	2.120	20.8	61	5.8	195	08
22/03/24 15:45	63.646	28.925	92.571	2.145	20.9	62	5.5	196	08
22/03/24 15:50	45.715	17.616	63.331	2.217	20.8	61	5.5	195	10
22/03/24 15:55	46.698	21.086	67.783	2.133	20.8	61	5.2	194	07
22/03/24 16:00	83.962	28.095	112.057	2.209	20.9	61	4.7	194	08
22/03/24 16:05	53.180	25.647	78.827	2.204	21.0	63	4.3	197	07
22/03/24 16:10	54.496	26.347	80.842	2.174	20.9	62	5.1	195	08
22/03/24 16:15	71.691	16.409	88.101	2.160	20.8	61	5.2	194	07
22/03/24 16:20	96.220	21.701	117.921	2.186	20.7	62	4.9	193	08
22/03/24 16:25	39.490	20.191	59.682	2.256	20.8	61	5.2	195	09
22/03/24 16:30	23.225	12.952	36.177	2.051	20.7	61	5.6	195	08
22/03/24 16:35	68.975	28.308	97.282	1.896	20.7	61	5.2	194	09
22/03/24 16:40	46.272	23.270	69.542	1.929	20.7	61	5.7	194	07
22/03/24 16:45	84.437	17.014	101.451	2.041	20.7	61	5.5	195	09
22/03/24 16:50	39.925	25.186	65.110	1.970	20.6	62	5.3	194	09
22/03/24 16:55	71.507	20.563	92.071	1.769	20.7	62	5.1	195	09
22/03/24 17:00	46.402	21.392	67.794	1.782	20.7	62	4.9	195	10
22/03/24 17:05	86.298	31.077	117.375	1.744	20.7	61	5.1	194	08
22/03/24 17:10	59.821	26.319	86.141	1.640	20.6	62	5.3	195	09
22/03/24 17:15	76.914	32.452	109.366	1.648	20.5	61	5.0	195	09
22/03/24 17:20	62.546	18.630	81.176	1.691	20.5	62	5.0	194	08
22/03/24 17:25	47.132	26.669	73.801	1.729	20.5	62	5.1	196	09
22/03/24 17:30	29.236	18.997	48.233	1.667	20.4	63	5.2	193	10
22/03/24 17:35	50.838	25.284	76.122	1.793	20.3	63	4.6	193	08
22/03/24 17:40	43.546	20.257	63.803	1.703	20.1	63	5.5	194	08
22/03/24 17:45	27.239	18.595	45.834	1.632	20.1	64	4.9	196	09
22/03/24 17:50	33.695	21.193	54.888	1.434	20.0	64	5.3	197	08
22/03/24 17:55	7.923	6.951	14.875	1.455	20.1	65	6.0	195	06
22/03/24 18:00	138.698	33.100	171.798	1.739	20.0	66	5.4	193	11

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/03/24 18:05	42.236	21.961	64.197	1.930	20.0	67	2.7	178	25
22/03/24 18:10	20.917	11.073	31.990	1.744	20.0	65	2.9	173	21
22/03/24 18:15	12.630	6.287	18.917	1.524	20.0	64	2.7	173	23
22/03/24 18:20	1.403	2.847	4.251	1.353	19.8	63	3.2	150	24
22/03/24 18:25	3.414	4.188	7.601	1.060	19.6	66	2.5	170	22
22/03/24 18:30	4.393	4.282	8.675	0.858	19.6	65	2.4	165	26
22/03/24 18:35	7.255	8.442	15.696	0.927	19.5	67	3.2	178	18
22/03/24 18:40	13.616	13.015	26.632	1.093	19.4	67	3.0	171	17
22/03/24 18:45	7.059	7.018	14.077	1.030	19.3	67	2.8	168	28
22/03/24 18:50	13.195	13.680	26.876	1.241	19.2	68	2.7	167	24
22/03/24 18:55	8.461	7.691	16.153	1.092	19.1	69	3.1	170	23
22/03/24 19:00	18.252	12.923	31.175	1.145	19.2	69	2.6	177	22
22/03/24 19:05	3.247	6.259	9.506	1.251	19.1	68	2.9	170	21
22/03/24 19:10	5.325	6.659	11.984	1.250	19.1	68	2.8	169	20
22/03/24 19:15	3.144	2.973	6.116	1.135	19.0	69	3.4	159	25
22/03/24 19:20	0.788	1.912	2.699	1.186	19.0	68	4.1	145	19
22/03/24 19:25	0.598	1.430	2.028	1.206	18.7	68	2.7	154	24
22/03/24 19:30	0.578	1.533	2.110	1.179	18.9	67	2.6	161	26
22/03/24 19:35	0.493	1.415	1.909	1.027	18.8	66	3.9	148	19
22/03/24 19:40	1.136	2.980	4.116	0.956	18.8	67	3.6	150	17
22/03/24 19:45	0.709	0.622	1.331	1.120	18.7	68	2.8	157	24
22/03/24 19:50	0.630	0.873	1.503	1.185	18.7	68	4.2	136	11
22/03/24 19:55	0.418	0.717	1.136	1.215	18.7	68	3.8	145	19
22/03/24 20:00	0.363	0.685	1.048	1.094	18.6	69	3.4	149	21
22/03/24 20:05	0.304	0.797	1.101	1.049	18.7	69	3.0	145	21
22/03/24 20:10	0.270	0.818	1.088	0.981	18.6	68	3.5	141	21
22/03/24 20:15	0.229	0.799	1.028	0.930	18.5	68	4.4	142	11
22/03/24 20:20	0.130	0.884	1.014	0.952	18.5	69	3.9	143	19
22/03/24 20:25	0.086	0.918	1.004	1.007	18.5	69	3.8	137	13
22/03/24 20:30	0.097	0.917	1.014	1.003	18.3	69	3.6	131	15
22/03/24 20:35	0.112	0.867	0.979	0.953	18.3	69	3.6	132	13
22/03/24 20:40	0.083	0.881	0.964	0.916	18.3	70	3.5	135	15
22/03/24 20:45	-0.014	0.969	0.955	1.023	18.4	69	3.5	135	17
22/03/24 20:50	0.080	1.041	1.121	0.887	18.4	69	3.4	137	14
22/03/24 20:55	0.106	1.085	1.191	0.941	18.3	67	4.5	138	09
22/03/24 21:00	0.126	1.065	1.191	1.100	18.3	68	3.2	140	15
22/03/24 21:05	0.023	1.066	1.088	1.148	18.4	69	2.8	130	17
22/03/24 21:10	0.051	0.980	1.031	1.061	18.3	68	3.1	129	15
22/03/24 21:15	0.084	0.924	1.007	1.047	18.4	68	2.8	128	18
22/03/24 21:20	-0.002	0.990	0.988	1.118	18.3	68	3.0	131	22
22/03/24 21:25	0.108	0.945	1.054	0.987	18.3	67	2.8	132	20
22/03/24 21:30	0.153	0.936	1.089	0.930	18.3	67	3.1	133	16
22/03/24 21:35	0.143	0.955	1.098	0.914	18.3	67	2.1	130	22
22/03/24 21:40	0.171	0.991	1.161	0.917	18.3	67	2.5	120	20
22/03/24 21:45	0.092	1.036	1.128	1.036	18.4	69	2.3	125	17
22/03/24 21:50	0.067	1.023	1.090	1.051	18.4	68	2.8	117	12
22/03/24 21:55	0.090	1.016	1.106	1.116	18.3	67	2.2	118	18
22/03/24 22:00	0.108	1.017	1.125	0.979	18.4	67	3.0	124	13
22/03/24 22:05	0.133	1.040	1.173	1.172	18.3	67	2.3	121	16
22/03/24 22:10	0.184	1.070	1.254	1.264	18.3	67	2.6	114	13
22/03/24 22:15	0.167	1.230	1.397	1.400	18.3	67	3.3	109	10
22/03/24 22:20	0.098	1.598	1.697	1.464	18.3	68	3.7	106	06
22/03/24 22:25	0.002	1.864	1.867	1.470	18.3	68	2.7	108	13
22/03/24 22:30	0.015	2.113	2.128	1.355	18.3	68	3.2	109	11
22/03/24 22:35	0.090	2.261	2.351	1.303	18.2	68	3.3	111	09
22/03/24 22:40	0.098	2.341	2.439	1.277	18.2	68	3.6	109	11
22/03/24 22:45	0.061	2.383	2.444	1.053	18.2	69	2.6	111	12
22/03/24 22:50	0.035	2.372	2.406	0.954	18.2	68	3.3	112	09
22/03/24 22:55	0.106	2.529	2.635	0.804	18.2	68	3.4	109	10
22/03/24 23:00	0.097	2.476	2.572	0.741	18.1	68	2.7	112	12
22/03/24 23:05	0.136	2.411	2.547	0.804	18.2	68	2.5	114	12
22/03/24 23:10	0.181	2.490	2.671	0.843	18.2	68	3.3	111	07
22/03/24 23:15	0.240	2.249	2.490	0.991	18.2	68	2.8	115	12
22/03/24 23:20	0.258	2.150	2.408	1.118	18.2	68	2.3	118	16
22/03/24 23:25	0.074	2.171	2.244	1.032	18.1	69	3.0	113	10
22/03/24 23:30	0.076	2.154	2.230	0.948	18.2	70	3.2	113	08
22/03/24 23:35	0.373	2.695	3.068	0.984	18.1	70	2.9	107	11
22/03/24 23:40	0.222	3.313	3.535	1.116	17.9	68	3.1	106	09
22/03/24 23:45	0.125	3.181	3.306	1.180	17.8	70	2.3	116	13
22/03/24 23:50	0.035	2.953	2.988		17.9	71	2.7	116	14
22/03/24 23:55	0.040	2.810	2.849		17.8	71	2.2	117	15
23/03/24 00:00	0.094	2.791	2.884	1.081	17.9	71	2.1	121	15
23/03/24 00:05	0.030	2.819	2.849	0.782	17.7	72	1.9	117	17
23/03/24 00:10	-0.004	3.032	3.028	0.468	17.9	72	2.5	106	15
23/03/24 00:15	0.053	3.462	3.514	0.266	17.5	69	3.0	104	09
23/03/24 00:20	-0.009	3.727	3.718	0.314	17.5	71	3.0	104	10
23/03/24 00:25	-0.026	4.206	4.180	0.312	17.2	68	2.9	99	08
23/03/24 00:30	0.043	4.780	4.823	0.167	17.0	69	2.5	98	09
23/03/24 00:35	0.096	5.367	5.463	0.064	17.0	68	2.5	97	09
23/03/24 00:40	0.063	6.070	6.133	-0.062	16.9	69	2.7	99	08
23/03/24 00:45	0.061	6.565	6.626	0.044	16.9	69	2.6	95	09
23/03/24 00:50	0.069	7.260	7.329	0.189	16.8	69	2.6	96	08
23/03/24 00:55	0.091	8.500	8.591	0.193	16.7	68	2.0	89	12
23/03/24 01:00	0.696	13.378	14.074	0.141	16.6	69	1.9	91	11
23/03/24 01:05					16.6	69	1.9	100	11
23/03/24 01:10					16.6	69	2.0	95	10
23/03/24 01:15					16.6	69	2.0	92	11
23/03/24 01:20					16.6	69	1.9	93	10
23/03/24 01:25					16.6	69	1.8	89	14
23/03/24 01:30					16.5	70	1.8	85	11
23/03/24 01:35					16.5	70	1.9	85	10
23/03/24 01:40					16.6	70	1.9	83	13
23/03/24 01:45					16.5	69	1.9	81	12
23/03/24 01:50					16.6	70	1.5	73	16
23/03/24 01:55					16.5	70	1.2	85	16
23/03/24 02:00					16.5	70	1.5	94	09
23/03/24 02:05	0.950	9.022	9.972	0.186	16.6	71	1.6	90	11
23/03/24 02:10	0.900	9.447	10.347	0.184	16.5	72	1.6	85	16
23/03/24 02:15	0.591	9.570	10.160	0.067	16.5	72	1.8	81	13
23/03/24 02:20	0.407	9.735	10.142	0.138	16.6	72	1.9	79	11
23/03/24 02:25	0.359	9.696	10.055	0.314	16.6	72	1.4	80	15
23/03/24 02:30	0.339	10.318	10.657	0.443	16.6	72	1.5	90	16
23/03/24 02:35	0.372	11.113	11.484	0.374	16.7	72	1.7	81	11
23/03/24 02:40	0.568	12.979	13.548	0.174	16.7	72	1.9	72	14
23/03/24 02:45	0.713	14.677	15.390	0.245	16.7	72	1.9	65	14
23/03/24 02:50	0.585	12.550	13.135	0.413	16.7	72	1.6	72	15
23/03/24 02:55	0.393	8.435	8.828	0.370	16.8	72	1.6	78	13
23/03/24 03:00	0.287	8.060	8.347	0.405	16.7	72	1.7	78	10

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/03/24 03:05	0.247	8.299	8.546	0.312	16.7	72	1.8	84	12
23/03/24 03:10	0.231	8.629	8.860	0.268	16.7	72	1.6	84	10
23/03/24 03:15	0.246	9.690	9.936	0.212	16.7	72	1.7	77	11
23/03/24 03:20	0.258	9.594	9.851	0.056	16.7	72	2.1	76	12
23/03/24 03:25	0.188	8.986	9.174	0.046	16.6	72	1.8	79	11
23/03/24 03:30	0.099	8.480	8.578	0.131	16.6	73	1.5	77	13
23/03/24 03:35	0.105	8.008	8.113	0.051	16.5	73	1.4	72	15
23/03/24 03:40	0.294	7.468	7.762	0.037	16.4	73	1.6	77	16
23/03/24 03:45	0.265	6.234	6.499	0.033	16.4	73	1.6	79	12
23/03/24 03:50	0.145	6.074	6.220	0.013	16.3	73	1.5	72	11
23/03/24 03:55	0.140	6.631	6.772	-0.033	16.2	73	1.3	58	16
23/03/24 04:00	0.123	7.129	7.252	-0.051	16.2	74	1.3	64	13
23/03/24 04:05	0.084	7.921	8.006	-0.095	16.2	74	1.3	59	16
23/03/24 04:10	0.201	8.751	8.952	0.012	16.1	74	1.4	56	15
23/03/24 04:15	0.298	9.240	9.538	0.184	16.1	75	1.6	51	10
23/03/24 04:20	0.356	9.612	9.969	0.193	16.1	75	1.3	51	11
23/03/24 04:25	0.388	9.902	10.290	0.125	16.1	74	1.1	71	15
23/03/24 04:30	0.461	9.711	10.172	0.220	16.3	73	1.3	83	16
23/03/24 04:35	0.319	9.078	9.397	0.181	16.4	73	1.3	73	17
23/03/24 04:40	0.262	8.623	8.885	0.154	16.5	72	1.6	71	13
23/03/24 04:45	0.256	8.419	8.676	0.181	16.5	72	1.6	83	14
23/03/24 04:50	0.218	8.705	8.923	0.094	16.5	73	1.7	68	12
23/03/24 04:55	0.102	9.019	9.122	0.059	16.3	73	1.8	66	12
23/03/24 05:00	0.062	9.465	9.526	0.100	16.2	73	1.5	77	15
23/03/24 05:05	0.013	9.680	9.693	0.172	16.1	74	1.8	68	11
23/03/24 05:10	-0.034	9.908	9.874	0.189	16.1	74	1.9	62	10
23/03/24 05:15	0.006	10.244	10.251	0.221	15.9	75	1.6	58	14
23/03/24 05:20	0.123	10.871	10.994	0.110	15.8	75	1.4	40	10
23/03/24 05:25	0.302	11.982	12.284	0.100	15.6	76	1.3	40	06
23/03/24 05:30	0.306	12.699	13.006	0.070	15.4	77	1.0	45	09
23/03/24 05:35	0.414	13.287	13.700	0.011	15.4	77	1.1	36	05
23/03/24 05:40	0.552	13.924	14.476	0.028	15.3	77	1.1	42	08
23/03/24 05:45	0.731	14.226	14.957	0.120	15.4	77	1.3	41	07
23/03/24 05:50	0.982	14.423	15.405	0.137	15.4	77	1.6	46	07
23/03/24 05:55	9.386	12.792	22.177	0.074	15.3	77	1.8	49	07
23/03/24 06:00	2.205	16.413	18.618	0.136	15.3	77	2.0	49	08
23/03/24 06:05	1.968	16.359	18.327	0.183	15.3	77	1.7	44	09
23/03/24 06:10	1.854	16.417	18.271	0.259	15.2	77	1.6	48	07
23/03/24 06:15	1.987	16.943	18.931	0.230	15.3	77	1.3	42	08
23/03/24 06:20	2.175	17.255	19.431	0.191	15.2	77	1.1	47	10
23/03/24 06:25	4.126	17.405	21.531	0.103	15.2	76	1.1	57	14
23/03/24 06:30	4.345	16.963	21.308	-0.002	15.2	76	0.9	48	12
23/03/24 06:35	5.197	17.698	22.895	0.159	15.2	76	0.9	37	10
23/03/24 06:40	5.475	18.387	23.862	0.082	15.3	76	1.2	46	06
23/03/24 06:45	4.156	17.636	21.791	0.074	15.3	76	1.2	46	09
23/03/24 06:50	4.502	17.348	21.850	0.031	15.2	76	1.0	39	09
23/03/24 06:55	6.146	17.099	23.245	0.082	15.2	76	1.3	47	08
23/03/24 07:00	7.305	20.698	28.003	0.063	15.3	76	1.0	53	17
23/03/24 07:05	8.976	19.228	28.204	-0.031	15.3	75	0.6	54	19
23/03/24 07:10	8.608	17.178	25.786	-0.004	15.6	75	0.8	42	14
23/03/24 07:15	10.055	18.384	28.439	0.090	15.6	75	1.1	43	11
23/03/24 07:20	11.037	19.667	30.705	0.106	15.7	74	0.9	69	23
23/03/24 07:25	10.140	18.635	28.775	0.231	15.7	73	2.2	97	10
23/03/24 07:30	10.378	19.638	30.016	0.236	15.8	74	3.1	101	08
23/03/24 07:35	17.126	24.838	41.963	0.303	15.8	76	2.6	98	13
23/03/24 07:40	20.252	21.822	42.074	0.412	15.8	77	2.5	92	14
23/03/24 07:45	19.596	19.602	39.198	0.402	15.7	79	2.7	100	11
23/03/24 07:50	15.433	16.606	32.039	0.326	15.7	79	2.8	93	13
23/03/24 07:55	10.978	14.882	25.860	0.310	15.7	80	2.9	81	16
23/03/24 08:00	9.456	14.884	24.340	0.406	15.8	80	2.4	86	13
23/03/24 08:05	5.745	11.008	16.752	0.433	16.0	81	2.9	103	09
23/03/24 08:10	7.230	9.154	16.384	0.383	16.1	81	2.6	101	15
23/03/24 08:15	8.545	8.313	16.857	0.363	16.2	81	3.1	105	08
23/03/24 08:20	6.669	10.534	17.203	0.365	16.5	80	2.0	98	15
23/03/24 08:25	3.434	6.757	10.191	0.397	16.8	80	2.2	109	12
23/03/24 08:30	3.677	7.870	11.548	0.342	17.1	80	3.2	111	07
23/03/24 08:35	3.404	7.322	10.726	0.249	17.2	79	4.0	109	06
23/03/24 08:40	9.617	0.441	10.058	0.174	17.0	79	2.7	114	11
23/03/24 08:45	2.211	5.142	7.353	0.135	17.2	79	2.8	117	10
23/03/24 08:50	1.948	5.070	7.017	0.225	17.2	79	2.8	114	10
23/03/24 08:55	2.110	5.011	7.121	0.251	17.3	78	3.3	122	14
23/03/24 09:00	1.898	3.995	5.893	0.182	17.2	78	3.1	120	15
23/03/24 09:05	1.874	4.601	6.476	0.188	17.3	78	3.1	115	14
23/03/24 09:10	1.852	3.453	5.305	0.244	17.4	78	3.4	122	15
23/03/24 09:15	1.420	3.559	4.978	0.230	17.5	77	3.7	128	13
23/03/24 09:20	1.276	3.603	4.879	0.172	17.3	76	3.6	125	13
23/03/24 09:25	1.892	4.286	6.178	0.088	17.4	75	3.8	132	15
23/03/24 09:30	0.778	3.124	3.902	0.019	17.5	76	3.1	136	17
23/03/24 09:35	1.287	2.890	4.177	0.016	17.8	74	3.9	135	14
23/03/24 09:40	1.449	2.631	4.079	-0.030	17.6	74	4.2	136	15
23/03/24 09:45	1.073	2.429	3.502	0.011	17.7	73	3.7	130	13
23/03/24 09:50	4.241	7.898	12.138	0.018	17.8	73	4.1	136	12
23/03/24 09:55	4.060	1.779	5.839	0.131	17.7	73	3.9	138	13
23/03/24 10:00	1.337	2.703	4.039	0.200	17.8	73	4.2	135	10
23/03/24 10:05	1.228	2.874	4.102	0.235	17.7	73	4.2	133	11
23/03/24 10:10	1.241	3.141	4.382	0.251	17.8	74	3.5	138	15
23/03/24 10:15	1.043	3.000	4.043	0.219	17.8	73	3.9	145	18
23/03/24 10:20	0.854	2.749	3.603	0.203	17.9	72	2.6	155	26
23/03/24 10:25	0.608	2.263	2.871	0.162	18.1	72	2.7	162	23
23/03/24 10:30	0.503	2.025	2.527	0.162	18.1	72	3.0	162	23
23/03/24 10:35	2.546	1.199	3.745	0.147	18.2	72	2.2	159	29
23/03/24 10:40	2.290	3.021	5.311	0.181	18.5	71	2.4	167	25
23/03/24 10:45	1.400	0.992	2.392	0.111	18.8	70	3.0	170	20
23/03/24 10:50	1.458	1.373	2.831	0.010	18.9	69	3.1	180	19
23/03/24 10:55	9.211	2.702	11.913	0.000	18.9	69	2.9	176	23
23/03/24 11:00	12.678	6.722	19.400	0.130	19.2	69	2.9	179	19
23/03/24 11:05	12.575	4.722	17.297	0.218	19.3	68	3.2	175	16
23/03/24 11:10	13.472	8.298	21.769	0.253	19.3	67	2.8	174	19
23/03/24 11:15	7.914	4.704	12.618	0.206	19.3	66	3.2	169	21
23/03/24 11:20	8.921	7.177	16.097	0.207	19.3	65	2.7	176	21
23/03/24 11:25	5.053	2.942	7.995	0.138	19.3	64	2.6	178	20
23/03/24 11:30	5.927	1.017	6.943	0.096	19.4	63	2.6	173	23
23/03/24 11:35	2.116	3.199	5.315	0.092	19.6	61	2.5	174	24
23/03/24 11:40	6.728	11.836	18.563	0.072	19.8	65	2.7	183	19
23/03/24 11:45	6.695	3.179	9.874	0.051	19.8	63	2.6	178	22
23/03/24 11:50	6.673	6.427	13.100	0.094	19.6	65	3.2	186	17
23/03/24 11:55	10.158	9.133	19.291	0.178	19.3	63	3.5	188	14
23/03/24 12:00	18.495	7.369	25.863	0.220	19.3	66	3.4	188	16

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/03/24 12:05	10.979	7.145	18.124	0.199	19.5	65	3.3	182	17
23/03/24 12:10	32.934	8.826	41.759	0.175	19.4	64	3.1	195	11
23/03/24 12:15	35.259	15.691	50.950	0.343	19.3	63	3.4	195	12
23/03/24 12:20	25.869	14.717	40.586	0.442	19.3	63	3.4	190	13
23/03/24 12:25	15.633	9.074	24.707	0.399	19.3	64	3.9	188	12
23/03/24 12:30	12.455	4.993	17.448	0.433	19.3	64	2.8	188	16
23/03/24 12:35	6.366	2.961	9.328	0.452	19.6	64	2.6	183	17
23/03/24 12:40	17.358	7.762	25.121	0.414	19.6	62	2.8	192	14
23/03/24 12:45	12.167	5.475	17.642	0.420	19.7	62	2.8	191	15
23/03/24 12:50	9.610	10.824	20.433	0.443	19.9	62	3.2	186	16
23/03/24 12:55	7.987	5.229	13.215	0.464	20.0	60	3.1	191	15
23/03/24 13:00	12.647	3.801	16.447	0.414	20.4	59	2.8	186	15
23/03/24 13:05	9.629	7.048	16.676	0.282	20.3	59	3.1	185	16
23/03/24 13:10	9.319	5.945	15.264	0.230	20.6	59	2.9	188	16
23/03/24 13:15	38.999	14.345	53.344	0.222	20.3	60	3.7	198	11
23/03/24 13:20	13.928	8.602	22.530	0.296	20.0	61	3.3	195	13
23/03/24 13:25	32.369	13.404	45.773	0.161	20.0	61	3.4	194	11
23/03/24 13:30	27.958	13.358	41.315	0.086	19.9	61	3.6	196	11
23/03/24 13:35	31.911	12.211	44.122	0.091	19.9	61	3.4	197	12
23/03/24 13:40	19.792	13.606	33.398	0.191	20.0	60	3.8	195	12
23/03/24 13:45	48.338	12.542	60.880	0.149	19.7	64	4.1	197	11
23/03/24 13:50	28.628	14.948	43.576	0.153	19.4	64	3.9	197	12
23/03/24 13:55	34.501	14.740	49.241	0.196	19.5	63	3.7	197	11
23/03/24 14:00	31.606	12.803	44.409	0.219	19.5	62	4.0	195	12
23/03/24 14:05	29.544	13.970	43.513	0.223	19.6	62	3.8	197	11
23/03/24 14:10	47.877	17.300	65.177	0.308	19.5	62	3.8	196	11
23/03/24 14:15	47.053	11.949	59.001	0.347	19.6	62	4.2	199	14
23/03/24 14:20	52.875	12.129	65.003	0.420	19.5	62	4.7	191	12
23/03/24 14:25	35.473	10.181	45.654	0.572	19.7	62	4.1	198	11
23/03/24 14:30	24.113	13.265	37.378	0.606	20.0	61	3.6	193	13
23/03/24 14:35	34.444	11.337	45.781	0.678	20.0	59	3.9	195	15
23/03/24 14:40	29.450	17.596	47.046	0.657	19.9	59	4.3	196	12
23/03/24 14:45	18.479	10.190	28.669	0.663	20.0	59	3.5	196	14
23/03/24 14:50	25.652	9.864	35.516	0.604	20.1	59	3.5	196	13
23/03/24 14:55	34.819	10.791	45.611	0.492	19.9	60	3.8	195	14
23/03/24 15:00	26.636	13.322	39.958	0.504	20.1	59	3.6	193	14
23/03/24 15:05	32.563	11.751	44.314	0.494	20.1	59	4.0	194	12
23/03/24 15:10	60.446	15.483	75.930	0.645	19.9	58	4.5	195	11
23/03/24 15:15	38.171	13.785	51.957	0.658	19.9	58	4.6	194	12
23/03/24 15:20	57.182	7.289	64.471	0.563	19.9	58	4.7	195	12
23/03/24 15:25	46.627	7.132	53.760	0.698	19.7	60	4.7	194	11
23/03/24 15:30	87.009	9.535	96.544	0.919	19.8	58	4.8	196	10
23/03/24 15:35	93.411	17.318	110.729	1.199	19.9	59	4.6	197	11
23/03/24 15:40	91.992	13.199	105.190	1.355	19.7	58	4.7	195	12
23/03/24 15:45	103.529	13.701	117.231	1.529	19.9	58	4.4	196	12
23/03/24 15:50	70.899	14.518	85.417	1.767	19.8	58	4.1	198	11
23/03/24 15:55	84.917	14.427	99.344	1.990	19.6	59	3.9	197	14
23/03/24 16:00	120.057	5.524	125.581	2.454	19.7	57	4.4	197	11
23/03/24 16:05	45.349	11.591	56.939	2.815	19.8	57	4.7	193	10
23/03/24 16:10	56.991	10.271	67.262	2.533	19.8	56	4.1	195	14
23/03/24 16:15	82.081	24.934	107.015	2.454	19.6	58	4.2	194	11
23/03/24 16:20	19.556	12.625	32.181	2.305	19.6	58	4.2	194	13
23/03/24 16:25	51.031	20.764	71.795	1.985	19.6	57	5.0	191	09
23/03/24 16:30	33.301	14.019	47.320	1.896	19.5	57	4.6	193	10
23/03/24 16:35	19.451	11.949	31.399	1.673	19.5	56	4.1	191	11
23/03/24 16:40	20.723	12.068	32.792	1.431	19.4	58	3.6	193	11
23/03/24 16:45	19.743	6.780	26.523	1.178	19.4	57	3.8	192	13
23/03/24 16:50	18.503	8.211	26.715	0.881	19.4	57	3.8	192	12
23/03/24 16:55	20.607	10.663	31.270	0.794	19.5	57	3.3	191	14
23/03/24 17:00	7.932	5.528	13.460	0.675	19.8	56	3.2	189	16
23/03/24 17:05	10.557	7.562	18.119	0.564	19.7	54	3.5	191	14
23/03/24 17:10	11.689	10.494	22.184	0.479	19.6	54	3.5	191	13
23/03/24 17:15	40.284	14.451	54.735	0.535	19.6	54	3.5	196	11
23/03/24 17:20	22.256	6.753	29.009	0.466	19.5	56	3.2	195	13
23/03/24 17:25	60.778	18.673	79.451	0.470	19.5	56	2.9	196	13
23/03/24 17:30	42.093	16.341	58.433	0.597	19.4	58	3.5	199	14
23/03/24 17:35	16.461	7.615	24.077	0.473	19.3	57	3.8	196	11
23/03/24 17:40	25.710	13.313	39.023	0.147	19.2	57	3.6	197	11
23/03/24 17:45	14.198	5.808	20.006	-0.054	19.1	61	4.3	197	11
23/03/24 17:50	15.958	6.191	22.150	0.184	18.8	62	4.2	199	11
23/03/24 17:55	16.755	5.471	22.226	0.096	18.7	61	4.3	197	12
23/03/24 18:00	16.674	4.980	21.653	0.186	18.8	63	3.9	199	11
23/03/24 18:05	15.476	8.758	24.234	0.161	18.8	60	4.2	195	13
23/03/24 18:10	15.481	7.150	22.631	0.037	18.6	64	3.6	191	14
23/03/24 18:15	16.727	7.113	23.839	-0.107	18.5	63	4.3	194	12
23/03/24 18:20	11.091	8.619	19.710	0.033	18.3	63	3.6	194	16
23/03/24 18:25	23.864	6.464	30.328	0.057	18.2	63	4.2	195	11
23/03/24 18:30	12.054	6.524	18.579	-0.088	18.1	63	4.1	191	13
23/03/24 18:35	15.948	5.813	21.761	-0.215	18.0	64	4.5	194	12
23/03/24 18:40	15.975	5.461	21.436	-0.239	17.9	64	3.7	193	11
23/03/24 18:45	14.179	6.783	20.962	-0.292	17.9	63	3.9	191	13
23/03/24 18:50	19.344	7.257	26.600	-0.231	17.9	64	3.5	193	14
23/03/24 18:55	7.277	7.112	14.389	-0.313	17.8	64	3.6	190	14
23/03/24 19:00	12.893	4.237	17.129	-0.223	17.8	62	3.7	190	13
23/03/24 19:05	13.411	5.353	18.764	-0.310	17.7	62	3.5	197	11
23/03/24 19:10	17.507	8.874	26.381	-0.261	17.7	64	3.5	187	13
23/03/24 19:15	10.046	5.813	15.860	-0.201	17.7	64	2.8	190	18
23/03/24 19:20	3.720	3.677	7.397	-0.162	17.7	65	3.0	183	16
23/03/24 19:25	4.294	4.374	8.668	-0.169	17.6	63	3.0	184	17
23/03/24 19:30	4.885	3.101	7.986	-0.152	17.7	63	3.3	190	14
23/03/24 19:35	6.768	5.800	12.568	-0.153	17.6	64	2.8	186	18
23/03/24 19:40	6.818	1.518	8.336	-0.289	17.6	62	2.4	171	22
23/03/24 19:45	1.467	2.196	3.663	-0.420	17.5	64	2.2	180	23
23/03/24 19:50	3.902	6.741	10.643	-0.549	17.6	64	2.8	191	14
23/03/24 19:55	9.725	6.411	16.136	-0.633	17.6	63	2.9	185	16
23/03/24 20:00	8.600	5.114	13.715	-0.692	17.6	64	2.6	174	24
23/03/24 20:05	0.925	1.416	2.341	-0.553	17.4	64	2.3	173	25
23/03/24 20:10	0.866	1.532	2.398	-0.466	17.4	62	2.0	168	20
23/03/24 20:15	1.777	2.911	4.688	-0.340	17.4	64	2.3	173	18
23/03/24 20:20	3.374	1.694	5.068	-0.264	17.4	63	2.0	175	26
23/03/24 20:25	3.177	2.006	5.184	-0.262	17.4	64	2.9	183	16
23/03/24 20:30	5.596	4.072	9.669	-0.273	17.5	64	2.7	186	14
23/03/24 20:35	3.660	3.983	7.643	-0.113	17.5	65	2.3	177	24
23/03/24 20:40	5.781	3.419	9.200	-0.142	17.5	64	3.1	190	12
23/03/24 20:45	3.061	3.332	6.394	-0.252	17.4	64	2.5	173	23
23/03/24 20:50	1.157	2.622	3.779	-0.365	17.2	64	1.9	141	25
23/03/24 20:55	5.608	1.383	6.991	-0.335	17.2	65	2.8	186	15
23/03/24 21:00	10.036	5.220	15.256	-0.383	17.3	63	2.7	187	17

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/03/24 21:05	2.523	2.857	5.380	-0.467	17.3	64	3.2	188	15
23/03/24 21:10	3.538	2.874	6.411	-0.475	17.3	62	2.5	181	19
23/03/24 21:15	4.054	7.019	11.073	-0.329	17.4	64	2.9	184	19
23/03/24 21:20	14.686	9.964	24.651	-0.166	17.4	63	2.7	194	14
23/03/24 21:25	21.113	8.687	29.800	-0.173	17.4	61	2.9	190	13
23/03/24 21:30	3.573	3.675	7.247	-0.234	17.3	63	2.4	177	21
23/03/24 21:35	6.238	13.317	19.555	-0.259	17.2	61	3.2	191	12
23/03/24 21:40	14.768	8.396	23.164	-0.250	17.2	61	2.5	191	14
23/03/24 21:45	2.667	4.278	6.945	-0.131	17.3	62	2.5	186	16
23/03/24 21:50	3.421	3.170	6.591	-0.214	17.4	63	1.9	184	16
23/03/24 21:55	3.008	0.073	3.081	-0.399	17.4	61	2.3	175	20
23/03/24 22:00	2.805	3.672	6.476	-0.489	17.3	62	2.4	183	21
23/03/24 22:05				-0.375	17.3	61	2.0	191	21
23/03/24 22:10	8.655	4.302	12.957	-0.179	17.2	61	2.5	188	16
23/03/24 22:15	6.474	5.953	12.426	-0.089	17.2	61	2.0	192	12
23/03/24 22:20	1.609	2.814	4.423	-0.251	17.2	61	1.7	188	19
23/03/24 22:25	3.107	2.626	5.733	-0.284	17.3	64	2.7	206	15
23/03/24 22:30	5.895	4.505	10.400	-0.247	17.4	63	2.5	209	09
23/03/24 22:35	5.243	4.946	10.188	-0.147	17.4	63	2.1	200	13
23/03/24 22:40	8.076	5.436	13.512	-0.116	17.5	62	2.0	193	17
23/03/24 22:45	22.299	8.284	30.583	-0.105	17.5	63	2.1	200	16
23/03/24 22:50	4.864	5.418	10.282	-0.144	17.5	63	2.3	212	10
23/03/24 22:55	0.603	1.336	1.939	-0.279	17.4	64	3.1	220	08
23/03/24 23:00	9.324	10.667	19.991	-0.222	17.5	63	2.6	206	10
23/03/24 23:05	6.124	2.903	9.027	-0.393	17.6	64	2.4	197	18
23/03/24 23:10	5.818	2.064	7.882	-0.373	17.6	62	2.6	199	16
23/03/24 23:15	0.430	2.547	2.978	-0.146	17.6	67	3.9	215	08
23/03/24 23:20	1.659	1.958	3.617	-0.155	17.7	65	4.0	213	05
23/03/24 23:25	3.446	2.299	5.745	-0.207	17.6	65	3.1	209	09
23/03/24 23:30	13.436	5.904	19.340	-0.246	17.6	63	2.9	202	12
23/03/24 23:35	2.569	4.990	7.559	-0.233	17.5	66	4.4	233	18
23/03/24 23:40	1.052	10.256	11.308	-0.141	16.8	68	4.6	255	06
23/03/24 23:45	1.380	10.447	11.826	-0.079	16.6	70	3.9	252	09
23/03/24 23:50	1.106	9.657	10.762		16.4	70	4.2	256	07
23/03/24 23:55	1.539	10.710	12.249		16.2	71	4.8	248	06
24/03/24 00:00	3.249	15.176	18.425	-0.023	16.1	71	5.0	244	06
24/03/24 00:05	3.658	11.927	15.585	0.200	16.1	71	5.1	242	07
24/03/24 00:10	2.968	9.933	12.901	0.333	16.0	71	5.8	242	06
24/03/24 00:15	2.152	10.478	12.630	0.503	15.9	71	4.8	241	06
24/03/24 00:20	5.765	19.013	24.778	0.673	15.7	72	5.2	247	07
24/03/24 00:25	5.827	13.206	19.033	0.701	15.7	72	5.6	243	08
24/03/24 00:30	5.649	13.217	18.865	0.815	15.7	73	5.1	248	08
24/03/24 00:35	4.561	9.826	14.386	1.003	15.5	73	5.1	248	08
24/03/24 00:40	4.204	9.906	14.110	1.175	15.6	73	5.2	249	09
24/03/24 00:45	3.613	9.820	13.432	1.127	15.6	73	5.0	250	08
24/03/24 00:50	3.528	10.128	13.656	1.130	15.5	72	5.6	248	06
24/03/24 00:55	3.970	10.905	14.875	1.073	15.6	73	5.1	245	08
24/03/24 01:00	3.728	10.199	13.927	0.938	15.5	73	4.6	254	05
24/03/24 01:05					15.3	72	4.9	245	09
24/03/24 01:10					15.3	72	4.8	251	07
24/03/24 01:15					15.2	72	5.0	247	09
24/03/24 01:20					15.0	73	5.7	248	07
24/03/24 01:25					15.1	72	6.0	249	06
24/03/24 01:30					15.0	71	5.9	249	06
24/03/24 01:35					14.9	71	5.9	251	07
24/03/24 01:40					14.9	72	5.7	248	06
24/03/24 01:45					14.9	72	5.3	248	08
24/03/24 01:50					15.0	72	5.8	248	08
24/03/24 01:55					15.0	71	5.8	249	06
24/03/24 02:00					14.8	71	5.5	249	06
24/03/24 02:05	3.297	9.846	13.142	0.988	14.7	71	5.7	255	06
24/03/24 02:10	2.846	9.224	12.071	0.939	14.7	71	5.5	251	08
24/03/24 02:15	2.395	8.503	10.897	0.934	14.6	71	5.5	247	07
24/03/24 02:20	2.038	8.160	10.197	0.940	14.6	71	5.5	247	07
24/03/24 02:25	1.992	8.319	10.311	1.013	14.6	72	5.7	249	07
24/03/24 02:30	2.638	9.281	11.919	1.009	14.5	71	5.8	249	06
24/03/24 02:35	2.841	9.769	12.610	1.150	14.5	72	5.7	247	07
24/03/24 02:40	2.944	9.676	12.620	1.194	14.5	71	6.3	243	06
24/03/24 02:45	2.706	7.565	10.272	1.151	14.4	72	6.0	244	06
24/03/24 02:50	2.574	7.723	10.297	1.037	14.5	72	5.2	247	09
24/03/24 02:55	2.833	8.690	11.523	1.124	14.4	72	5.2	247	08
24/03/24 03:00	3.048	10.275	13.324	1.112	14.5	72	5.1	249	08
24/03/24 03:05	3.315	10.730	14.045	1.188	14.5	72	5.6	245	07
24/03/24 03:10	3.478	11.416	14.894	1.322	14.2	72	5.7	249	06
24/03/24 03:15	3.544	11.261	14.805	1.423	14.1	71	5.7	250	06
24/03/24 03:20	3.242	10.198	13.440	1.526	14.2	72	4.9	251	09
24/03/24 03:25	2.841	8.770	11.611	1.452	14.1	72	5.0	255	10
24/03/24 03:30	2.305	6.222	8.527	1.366	14.2	73	5.2	258	07
24/03/24 03:35	2.006	6.588	8.594	1.285	14.2	73	4.7	253	09
24/03/24 03:40	1.809	6.974	8.783	1.133	14.2	72	4.7	256	07
24/03/24 03:45	1.490	6.962	8.452	1.106	14.2	72	5.2	256	07
24/03/24 03:50	1.386	6.847	8.234	1.279	14.2	72	4.9	257	10
24/03/24 03:55	1.317	6.895	8.212	1.058	14.0	72	5.0	256	07
24/03/24 04:00	1.324	7.113	8.437	0.994	14.0	73	5.0	256	09
24/03/24 04:05	1.347	7.127	8.474	0.964	14.0	72	5.2	260	08
24/03/24 04:10	1.310	7.032	8.342	0.912	14.0	73	5.0	261	06
24/03/24 04:15	1.246	7.111	8.357	0.802	14.0	72	5.0	259	07
24/03/24 04:20	1.080	7.201	8.281	0.818	14.0	72	5.0	255	09
24/03/24 04:25	0.984	7.544	8.527	0.959	14.0	72	4.6	253	08
24/03/24 04:30	1.236	7.809	9.046	1.056	14.1	72	4.5	256	09
24/03/24 04:35	1.084	7.899	8.983	0.960	14.2	71	4.5	254	08
24/03/24 04:40	1.047	7.923	8.970	1.105	14.1	71	4.9	256	09
24/03/24 04:45	0.938	7.519	8.457	1.067	14.2	71	5.5	259	08
24/03/24 04:50	0.888	7.267	8.154	1.022	14.3	72	5.2	256	09
24/03/24 04:55	1.002	7.214	8.216	1.060	14.2	70	5.3	258	08
24/03/24 05:00	1.085	7.380	8.465	1.053	14.1	72	5.8	265	05
24/03/24 05:05	1.077	7.290	8.367	1.012	14.2	72	5.7	258	06
24/03/24 05:10	1.033	7.030	8.064	0.860	14.3	72	6.0	255	07
24/03/24 05:15	0.917	6.700	7.617	0.879	14.2	72	5.7	256	07
24/03/24 05:20	0.894	6.673	7.567	0.857	14.1	73	5.3	260	07
24/03/24 05:25	1.104	7.199	8.302	0.809	14.1	72	4.8	261	06
24/03/24 05:30	1.694	8.600	10.294	0.936	14.0	71	4.8	261	10
24/03/24 05:35	1.684	9.471	11.155	0.877	14.2	72	4.5	267	08
24/03/24 05:40	1.648	10.133	11.781	0.925	14.2	73	3.6	273	11
24/03/24 05:45	1.381	9.843	11.224	0.938	14.0	72	2.5	283	14
24/03/24 05:50	1.169	8.387	9.556	0.933	13.7	73	2.2	286	17
24/03/24 05:55	1.001	7.196	8.197	0.921	13.6	73	2.1	286	15
24/03/24 06:00	0.932	7.770	8.702	0.917	13.6	73	2.1	286	15

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/03/24 06:05	1.121	9.500	10.621	0.894	13.5	72	2.3	291	15
24/03/24 06:10	1.480	11.970	13.450	0.945	13.4	71	3.0	293	13
24/03/24 06:15	1.567	13.792	15.359	0.947	13.3	72	2.4	291	14
24/03/24 06:20	1.746	15.008	16.754	0.809	13.2	71	2.4	306	13
24/03/24 06:25	2.139	15.764	17.902	0.788	13.0	72	2.6	297	12
24/03/24 06:30	2.582	15.779	18.361	1.017	12.9	73	2.8	291	15
24/03/24 06:35	2.735	15.526	18.261	0.968	12.8	73	3.1	295	10
24/03/24 06:40	3.011	15.269	18.280	0.933	13.0	74	2.5	289	14
24/03/24 06:45	3.411	15.248	18.659	0.973	13.0	74	2.3	290	14
24/03/24 06:50	3.859	15.409	19.268	1.038	12.9	73	2.1	295	15
24/03/24 06:55	4.185	15.390	19.575	1.066	12.9	74	2.5	294	13
24/03/24 07:00	4.820	15.278	20.097	1.186	13.1	74	2.7	290	10
24/03/24 07:05	5.465	15.155	20.620	1.407	13.2	72	2.9	291	14
24/03/24 07:10	5.718	14.815	20.533	1.295	13.2	72	3.0	292	09
24/03/24 07:15	5.955	14.675	20.630	1.223	13.5	71	2.4	288	15
24/03/24 07:20	6.640	14.741	21.381	1.267	13.6	71	2.6	290	13
24/03/24 07:25	7.650	14.978	22.628	1.317	13.7	73	2.1	287	14
24/03/24 07:30	7.776	14.981	22.757	1.267	14.1	71	2.1	285	17
24/03/24 07:35	7.297	14.417	21.714	1.218	14.4	69	2.7	280	14
24/03/24 07:40	6.669	13.629	20.299	1.208	14.6	68	2.4	284	15
24/03/24 07:45	6.456	13.215	19.671	1.312	14.9	68	2.4	285	15
24/03/24 07:50	6.084	12.527	18.611	1.269	15.1	65	2.8	279	13
24/03/24 07:55	5.441	11.302	16.743	1.314	15.3	66	4.1	279	12
24/03/24 08:00	5.198	11.064	16.262	1.293	15.4	66	5.9	273	07
24/03/24 08:05	5.078	10.940	16.018	1.225	15.3	65	5.4	269	05
24/03/24 08:10	4.760	10.753	15.513	1.183	15.3	65	3.0	277	14
24/03/24 08:15	4.236	10.486	14.722	1.108	15.5	65	2.7	284	14
24/03/24 08:20	3.620	9.824	13.444	1.094	15.6	65	2.7	279	14
24/03/24 08:25	3.093	8.873	11.966	1.149	15.6	64	3.0	277	11
24/03/24 08:30	2.690	8.000	10.690	1.160	15.8	65	3.6	271	11
24/03/24 08:35	2.337	6.830	9.167	1.174	15.7	64	3.7	275	13
24/03/24 08:40	2.199	6.310	8.508	1.128	15.7	64	4.4	266	11
24/03/24 08:45	2.113	6.372	8.485	1.226	15.7	64	3.9	264	10
24/03/24 08:50	2.537	6.741	9.277	1.212	15.8	64	3.6	260	13
24/03/24 08:55	2.659	6.574	9.233	1.363	16.0	63	3.9	260	08
24/03/24 09:00	2.707	6.757	9.463	1.342	16.1	62	3.7	260	13
24/03/24 09:05	2.651	6.868	9.519	1.269	16.1	62	3.2	262	13
24/03/24 09:10	2.562	6.727	9.289	1.388	16.2	61	3.9	267	08
24/03/24 09:15	2.610	6.744	9.353	1.368	16.3	61	5.1	257	07
24/03/24 09:20	2.672	6.447	9.119	1.395	16.4	61	5.4	258	08
24/03/24 09:25	3.196	9.231	12.426	1.352	16.4	60	4.2	263	12
24/03/24 09:30	10.075	8.454	18.528	1.516	16.4	60	4.8	259	10
24/03/24 09:35	2.291	4.692	6.983	1.702	16.6	61	4.1	253	10
24/03/24 09:40	2.828	4.633	7.461	1.621	16.7	60	3.9	263	11
24/03/24 09:45	2.681	3.949	6.631	1.524	16.7	61	4.1	271	10
24/03/24 09:50	2.056	3.167	5.223	1.348	16.8	60	5.2	256	11
24/03/24 09:55	1.797	3.165	4.962	1.249	16.7	61	4.1	269	11
24/03/24 10:00	1.744	3.503	5.247	1.247	16.9	60	3.6	270	10
24/03/24 10:05	1.588	3.549	5.138	1.257	17.0	60	3.6	267	08
24/03/24 10:10	1.444	3.539	4.983	1.183	17.1	60	3.6	266	11
24/03/24 10:15	1.404	3.630	5.034	1.157	17.3	59	4.5	249	15
24/03/24 10:20	1.494	3.984	5.478	1.156	17.3	59	4.1	242	10
24/03/24 10:25	1.291	3.851	5.142	1.157	17.3	60	4.8	239	16
24/03/24 10:30	1.413	3.962	5.375	1.341	17.4	60	4.7	242	07
24/03/24 10:35	1.548	2.749	4.297	1.227	17.5	60	5.3	248	07
24/03/24 10:40	1.691	3.071	4.762	1.095	17.5	63	5.9	244	09
24/03/24 10:45	1.084	1.876	2.960	1.145	17.5	63	6.6	235	06
24/03/24 10:50	0.682	0.406	1.088	1.161	17.6	65	6.9	235	07
24/03/24 10:55	0.682	0.526	1.208	0.964	17.5	62	6.1	252	07
24/03/24 11:00	0.855	0.957	1.813	1.018	17.4	61	4.4	244	09
24/03/24 11:05	0.695	0.999	1.694	1.110	17.5	61	5.8	240	06
24/03/24 11:10	0.556	0.792	1.348	1.072	17.5	61	4.7	234	06
24/03/24 11:15	0.585	1.009	1.594	1.087	17.7	62	4.4	235	16
24/03/24 11:20	0.546	1.091	1.636	0.948	17.8	63	5.7	232	09
24/03/24 11:25	0.321	0.984	1.305	0.915	17.7	61	3.9	232	11
24/03/24 11:30	0.384	1.086	1.470	0.878	17.8	63	5.1	220	08
24/03/24 11:35	1.371	1.375	2.746	0.959	17.9	61	3.3	214	12
24/03/24 11:40	1.058	1.248	2.306	0.827	17.9	61	4.3	232	07
24/03/24 11:45	0.564	0.492	1.056	0.830	17.8	62	3.7	220	05
24/03/24 11:50	3.649	2.948	6.596	0.744	17.8	59	1.9	216	15
24/03/24 11:55	2.575	2.145	4.720	0.854	18.1	59	2.1	195	23
24/03/24 12:00	1.729	0.709	2.438	0.755	19.1	54	1.9	162	20
24/03/24 12:05	0.954	1.145	2.100	0.817	19.4	53	1.3	155	21
24/03/24 12:10	0.436	1.217	1.654	0.672	19.8	52	1.7	156	19
24/03/24 12:15	0.287	1.070	1.358	0.779	19.8	51	1.3	149	26
24/03/24 12:20	0.290	1.053	1.343	0.893	20.1	51	1.5	144	15
24/03/24 12:25	0.313	0.936	1.249	0.934	20.1	52	1.6	155	26
24/03/24 12:30	0.239	0.989	1.229	0.849	20.2	52	1.8	154	19
24/03/24 12:35	0.232	1.001	1.233	0.794	20.2	52	1.3	163	27
24/03/24 12:40	0.319	1.089	1.408	0.744	20.5	50	1.2	160	21
24/03/24 12:45	0.377	1.054	1.431	0.716	20.7	49	1.7	146	17
24/03/24 12:50	0.248	1.119	1.367	0.917	20.5	50	1.7	139	19
24/03/24 12:55	0.121	1.204	1.325	0.865	20.5	49	1.3	136	22
24/03/24 13:00	0.024	1.208	1.232	0.870	20.6	49	1.4	123	15
24/03/24 13:05	0.065	1.131	1.196	0.838	20.3	51	2.0	104	08
24/03/24 13:10	0.069	1.108	1.177	0.857	20.4	51	1.7	116	20
24/03/24 13:15	0.069	1.126	1.196	0.843	20.6	49	1.8	115	16
24/03/24 13:20	0.009	1.039	1.048	0.622	20.6	49	2.0	109	10
24/03/24 13:25	-0.096	0.976	0.880	0.669	20.6	50	1.7	107	09
24/03/24 13:30	0.068	0.948	1.016	0.618	20.6	50	1.8	107	07
24/03/24 13:35	0.034	1.015	1.049	0.569	20.8	49	1.3	129	15
24/03/24 13:40	0.036	1.069	1.106	0.725	21.2	47	1.6	133	14
24/03/24 13:45	0.109	1.061	1.170	0.621	21.1	48	1.7	138	14
24/03/24 13:50	0.173	1.087	1.260	0.642	21.3	48	1.6	135	17
24/03/24 13:55	0.132	1.160	1.292	0.728	21.4	47	1.4	131	18
24/03/24 14:00	0.186	1.181	1.366	0.819	21.6	46	1.6	134	18
24/03/24 14:05	0.212	1.218	1.430	0.893	21.6	47	2.3	141	12
24/03/24 14:10	0.178	1.355	1.534	0.897	21.3	47	2.3	140	10
24/03/24 14:15	0.143	1.314	1.457	0.734	21.3	46	1.5	129	17
24/03/24 14:20	0.221	1.238	1.459	0.636	21.5	46	1.4	127	20
24/03/24 14:25	0.262	1.185	1.447	0.555	22.0	45	1.3	125	18
24/03/24 14:30	0.184	1.145	1.329	0.712	22.1	47	2.3	110	07
24/03/24 14:35	0.169	1.144	1.312	0.897	21.9	47	2.2	112	09
24/03/24 14:40	0.212	1.073	1.286	1.009	21.8	47	2.2	112	07
24/03/24 14:45	0.301	1.025	1.326	0.941	21.8	49	1.4	116	14
24/03/24 14:50	0.265	1.083	1.348	0.955	22.1	47	1.7	124	11
24/03/24 14:55	0.118	1.019	1.137	0.732	22.1	48	1.9	117	08
24/03/24 15:00	0.192	0.950	1.142	0.680	22.1	48	1.5	123	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/03/24 15:05	0.207	0.986	1.193	0.718	22.3	48	1.6	117	11
24/03/24 15:10	0.219	1.075	1.294	0.673	22.5	47	1.2	129	21
24/03/24 15:15	0.173	1.112	1.285	0.677	22.8	46	1.7	143	19
24/03/24 15:20	0.142	1.116	1.258	0.641	22.7	46	1.4	132	22
24/03/24 15:25	0.153	1.086	1.239	0.668	23.0	47	1.6	169	16
24/03/24 15:30	0.716	1.634	2.350	0.607	22.9	46	2.9	204	12
24/03/24 15:35				0.654	21.8	48	2.3	209	09
24/03/24 15:40	2.082	1.694	3.776	0.758	21.9	48	1.6	175	18
24/03/24 15:45	0.360	0.996	1.357	0.697	22.5	49	2.7	178	17
24/03/24 15:50	0.801	2.980	3.782	0.653	22.3	55	3.2	168	23
24/03/24 15:55	1.136	3.350	4.486	0.575	21.6	56	3.2	170	23
24/03/24 16:00	1.062	2.002	3.064	0.582	21.3	57	2.8	167	24
24/03/24 16:05	0.967	1.642	2.609	0.621	21.0	58	2.5	172	24
24/03/24 16:10	0.782	1.104	1.886	0.755	20.8	59	2.6	168	25
24/03/24 16:15	0.688	0.984	1.672	0.727	20.5	59	2.5	158	26
24/03/24 16:20	0.522	0.963	1.485	0.598	20.3	61	2.8	156	24
24/03/24 16:25	0.459	1.055	1.514	0.425	20.2	60	2.4	155	27
24/03/24 16:30	0.311	1.100	1.411	0.543	20.2	60	2.1	157	30
24/03/24 16:35	0.325	1.065	1.390	0.711	20.2	61	3.3	146	19
24/03/24 16:40	0.240	1.062	1.302	0.798	20.0	63	2.8	147	20
24/03/24 16:45	0.196	0.939	1.135	0.721	20.2	64	1.8	160	33
24/03/24 16:50	0.211	0.813	1.023	0.690	20.2	64	2.1	165	29
24/03/24 16:55	0.162	0.800	0.962	0.729	20.3	63	3.0	158	23
24/03/24 17:00	0.190	0.810	1.000	0.727	20.3	64	2.5	156	26
24/03/24 17:05	0.200	0.733	0.932	0.761	20.1	65	2.7	149	23
24/03/24 17:10	0.195	0.673	0.867	0.798	20.1	65	2.0	157	29
24/03/24 17:15	0.197	0.702	0.898	0.826	20.1	65	2.0	158	29
24/03/24 17:20	0.246	0.755	1.001	0.865	20.1	65	2.2	155	22
24/03/24 17:25	0.224	0.826	1.050	0.754	20.2	66	1.9	161	28
24/03/24 17:30	0.235	0.776	1.011	0.731	20.1	65	2.2	154	24
24/03/24 17:35	0.158	0.706	0.864	0.654	20.0	67	1.6	170	27
24/03/24 17:40	0.432	0.899	1.331	0.519	20.1	67	2.2	172	27
24/03/24 17:45	0.635	0.875	1.509	0.567	19.9	66	2.7	150	21
24/03/24 17:50	0.614	0.708	1.322	0.657	19.7	68	1.7	162	27
24/03/24 17:55	0.565	0.639	1.204	0.636	19.7	68	3.1	146	23
24/03/24 18:00	0.349	0.362	0.711	0.631	19.5	68	3.2	145	16
24/03/24 18:05	0.254	0.249	0.503	0.660	19.2	69	3.0	136	15
24/03/24 18:10	0.261	0.190	0.451	0.662	19.2	71	2.2	153	24
24/03/24 18:15	0.239	0.181	0.420	0.724	19.0	70	2.8	142	19
24/03/24 18:20	0.112	0.239	0.351	0.786	19.1	71	2.1	150	24
24/03/24 18:25	0.120	0.318	0.438	0.702	18.9	70	2.6	139	17
24/03/24 18:30	0.100	0.500	0.600	0.629	18.9	72	2.7	139	15
24/03/24 18:35	0.224	0.631	0.856	0.568	18.9	71	2.7	142	18
24/03/24 18:40	0.280	0.766	1.047	0.381	18.9	71	1.8	146	25
24/03/24 18:45	0.336	0.885	1.221	0.684	18.8	71	2.2	131	15
24/03/24 18:50	0.384	0.994	1.377	0.565	18.9	71	2.3	141	16
24/03/24 18:55	0.250	1.056	1.305	0.528	18.8	72	2.2	132	16
24/03/24 19:00	0.065	1.142	1.207	0.586	18.8	71	2.5	143	20
24/03/24 19:05	0.198	1.169	1.367	0.706	18.8	72	2.3	150	19
24/03/24 19:10	0.219	1.256	1.475	0.749	19.1	74	2.5	165	23
24/03/24 19:15	0.441	1.665	2.106	0.815	19.4	69	6.6	222	11
24/03/24 19:20	0.431	1.331	1.763	0.847	19.7	67	7.0	229	05
24/03/24 19:25	0.329	1.251	1.580	0.833	19.6	66	7.9	232	05
24/03/24 19:30	0.233	1.355	1.588	0.754	19.5	65	7.5	237	05
24/03/24 19:35	0.109	1.508	1.617	0.897	19.4	66	7.0	234	05
24/03/24 19:40	0.475	2.803	3.278	0.906	19.3	67	6.1	237	04
24/03/24 19:45	0.281	1.915	2.195	1.013	19.3	70	7.0	233	05
24/03/24 19:50	0.164	1.762	1.927	0.893	19.1	71	6.8	232	06
24/03/24 19:55	0.160	1.595	1.756	0.854	19.0	70	6.8	237	04
24/03/24 20:00	0.100	1.599	1.700	0.759	18.9	70	6.4	237	06
24/03/24 20:05	0.202	2.081	2.283	0.767	18.8	70	6.6	236	05
24/03/24 20:10	0.160	2.060	2.220	0.863	18.8	70	5.7	239	07
24/03/24 20:15	0.151	1.973	2.124	0.768	18.8	69	5.4	244	07
24/03/24 20:20	0.240	2.326	2.566	0.651	18.7	69	4.9	244	08
24/03/24 20:25	0.247	2.600	2.847	0.685	18.6	69	5.5	241	06
24/03/24 20:30	0.301	2.905	3.207	0.588	18.5	69	5.1	239	07
24/03/24 20:35	0.362	4.378	4.740	0.766	18.4	69	4.4	248	09
24/03/24 20:40	0.813	13.461	14.273	0.992	18.3	70	4.4	247	09
24/03/24 20:45	1.469	14.757	16.226	0.979	18.3	69	4.8	247	08
24/03/24 20:50	2.493	17.226	19.719	0.972	18.2	70	4.6	242	08
24/03/24 20:55	2.798	12.220	15.018	1.086	18.2	70	5.1	245	07
24/03/24 21:00	3.159	13.680	16.839	1.042	18.2	69	5.2	244	07
24/03/24 21:05	3.431	14.045	17.476	1.013	18.1	70	4.7	245	09
24/03/24 21:10	3.386	12.353	15.739	1.140	17.9	69	4.8	251	08
24/03/24 21:15	3.018	9.551	12.569	1.172	17.9	69	4.6	249	07
24/03/24 21:20	2.641	9.588	12.229	1.161	17.9	70	4.6	254	06
24/03/24 21:25	2.453	10.236	12.689	1.032	17.9	69	4.9	254	08
24/03/24 21:30	2.167	10.195	12.363	1.142	17.9	69	4.3	256	09
24/03/24 21:35	1.898	10.391	12.289	1.169	17.8	70	4.1	252	08
24/03/24 21:40	1.820	10.780	12.600	1.128	17.8	70	4.6	250	08
24/03/24 21:45	1.662	10.841	12.502	1.102	17.7	70	4.5	249	07
24/03/24 21:50	1.617	11.024	12.640	0.965	17.7	70	4.5	249	07
24/03/24 21:55	1.535	11.122	12.658	1.013	17.6	70	4.8	252	06
24/03/24 22:00	1.565	11.006	12.571	1.118	17.6	71	4.5	250	06
24/03/24 22:05	1.928	11.602	13.530	1.088	17.6	71	4.5	249	09
24/03/24 22:10	1.907	11.376	13.283	1.090	17.6	72	4.7	260	07
24/03/24 22:15	1.545	9.995	11.540	1.071	17.5	72	4.6	261	06
24/03/24 22:20	1.170	8.589	9.759	0.956	17.6	73	4.7	264	08
24/03/24 22:25	1.130	7.730	8.860	0.831	17.6	72	4.3	267	10
24/03/24 22:30	1.012	8.005	9.017	0.818	17.7	73	2.6	277	16
24/03/24 22:35	0.762	7.070	7.832	0.821	17.5	73	2.0	283	15
24/03/24 22:40	0.541	5.187	5.728	0.859	17.2	71	2.5	292	13
24/03/24 22:45	0.352	4.389	4.741	0.920	17.3	73	2.2	287	16
24/03/24 22:50	0.161	4.545	4.706	1.079	17.1	73	2.2	286	16
24/03/24 22:55	0.176	4.773	4.949	0.935	17.1	74	1.8	288	15
24/03/24 23:00	0.181	5.267	5.448	1.031	17.0	73	2.1	292	13
24/03/24 23:05	0.080	5.611	5.691	1.153	16.9	73	2.6	290	13
24/03/24 23:10	0.032	6.058	6.091	0.923	16.9	74	2.3	290	16
24/03/24 23:15	0.055	6.563	6.618	0.976	16.9	75	1.9	285	19
24/03/24 23:20	0.110	7.452	7.562	0.805	16.9	75	2.3	287	13
24/03/24 23:25	0.167	8.073	8.240	0.804	16.8	73	2.3	301	13
24/03/24 23:30	0.407	10.101	10.508	0.874	16.6	73	2.5	293	16
24/03/24 23:35	0.494	11.449	11.943	0.849	16.7	73	2.0	296	16
24/03/24 23:40	0.587	12.195	12.782	0.758	16.5	73	2.0	294	13
24/03/24 23:45	1.137	13.351	14.488	0.884	16.6	74	2.2	291	15
24/03/24 23:50	1.498	14.626	16.124		16.6	75	2.1	290	15
24/03/24 23:55	1.636	15.156	16.792		16.6	74	2.0	292	15
25/03/24 00:00	1.569	14.947	16.516	0.944	16.5	74	2.3	297	12

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/03/24 00:05	1.654	15.033	16.687	0.787	16.5	74	1.8	295	16
25/03/24 00:10	1.895	15.621	17.516	0.831	16.4	74	2.3	300	09
25/03/24 00:15	1.606	14.521	16.126	0.881	16.2	74	2.2	305	11
25/03/24 00:20	1.493	13.472	14.964	1.053	16.2	74	2.1	309	09
25/03/24 00:25	3.274	20.311	23.585	0.932	16.0	74	2.2	313	09
25/03/24 00:30	4.314	20.290	24.605	0.850	15.9	74	2.5	313	08
25/03/24 00:35	3.431	17.062	20.494	0.894	15.9	74	2.3	315	09
25/03/24 00:40	2.721	16.544	19.264	0.776	15.9	74	2.5	314	08
25/03/24 00:45	2.042	16.463	18.505	0.818	15.9	75	2.4	314	09
25/03/24 00:50	1.820	15.919	17.740	0.792	15.8	75	2.0	308	10
25/03/24 00:55	1.618	15.424	17.041	0.723	16.1	75	2.0	313	10
25/03/24 01:00	1.468	15.262	16.731	0.668	16.0	74	2.2	314	09
25/03/24 01:05					16.0	74	2.0	318	14
25/03/24 01:10					16.1	74	2.1	314	11
25/03/24 01:15					16.0	74	1.8	311	19
25/03/24 01:20					16.0	74	1.8	305	10
25/03/24 01:25					16.1	74	2.1	313	12
25/03/24 01:30					16.0	74	2.1	319	08
25/03/24 01:35					15.9	74	1.9	314	11
25/03/24 01:40					15.9	74	2.2	320	10
25/03/24 01:45					15.9	74	2.0	312	11
25/03/24 01:50					15.9	74	2.3	309	09
25/03/24 01:55					15.9	74	2.5	310	10
25/03/24 02:00					16.2	75	2.1	286	17
25/03/24 02:05	1.074	13.748	14.823	0.782	16.3	74	2.1	292	14
25/03/24 02:10	0.974	13.491	14.465	0.847	16.4	74	2.0	292	15
25/03/24 02:15	0.980	13.615	14.594	0.912	16.4	74	2.0	291	17
25/03/24 02:20	0.830	13.459	14.289	0.793	16.5	74	1.8	293	13
25/03/24 02:25	0.703	12.955	13.658	0.670	16.4	74	1.9	294	13
25/03/24 02:30	0.625	11.753	12.378	0.622	16.5	73	2.0	293	15
25/03/24 02:35	0.700	10.829	11.529	0.540	16.5	74	1.8	292	18
25/03/24 02:40	0.538	10.226	10.764	0.525	16.5	74	2.1	291	17
25/03/24 02:45	0.428	9.657	10.085	0.614	16.5	73	2.1	294	15
25/03/24 02:50	0.389	9.186	9.575	0.653	16.4	73	1.9	296	14
25/03/24 02:55	0.322	8.776	9.098	0.536	16.4	73	1.9	296	16
25/03/24 03:00	0.286	8.471	8.757	0.529	16.4	73	1.8	289	17
25/03/24 03:05	0.348	9.464	9.812	0.697	16.3	74	1.6	301	16
25/03/24 03:10	0.427	10.255	10.683	0.703	16.4	73	1.8	307	14
25/03/24 03:15	0.827	11.490	12.317	0.711	16.0	74	1.3	318	22
25/03/24 03:20	1.467	14.188	15.656	0.664	15.7	75	1.3	323	20
25/03/24 03:25	1.840	16.098	17.937	0.685	15.6	75	1.7	315	09
25/03/24 03:30	1.854	15.441	17.296	0.720	15.7	75	1.8	314	13
25/03/24 03:35	1.836	15.111	16.947	0.681	15.6	75	1.5	327	26
25/03/24 03:40	1.885	14.797	16.683	0.633	15.5	74	2.1	312	13
25/03/24 03:45	1.698	14.545	16.242	0.600	15.6	74	2.3	317	09
25/03/24 03:50	1.979	14.928	16.907	0.631	15.5	75	2.1	316	19
25/03/24 03:55	2.172	15.057	17.228	0.621	15.5	75	2.1	312	13
25/03/24 04:00	2.185	15.028	17.214	0.637	15.6	74	2.1	298	17
25/03/24 04:05	2.024	14.735	16.759	0.665	15.7	74	2.2	289	14
25/03/24 04:10	1.861	14.422	16.283	0.709	15.9	75	2.2	286	16
25/03/24 04:15	2.224	14.667	16.891	0.626	16.0	75	2.2	290	17
25/03/24 04:20	2.895	15.103	17.998	0.609	15.9	74	2.3	297	13
25/03/24 04:25	3.073	15.371	18.444	0.708	15.9	73	2.6	296	13
25/03/24 04:30	3.751	15.860	19.612	0.864	15.8	74	2.1	289	16
25/03/24 04:35	3.812	15.845	19.657	0.899	15.8	74	2.5	295	16
25/03/24 04:40	3.169	15.135	18.304	0.897	15.7	74	2.5	296	14
25/03/24 04:45	2.655	14.432	17.086	0.843	15.8	74	2.6	296	13
25/03/24 04:50	2.253	13.691	15.945	0.748	15.8	74	2.6	295	14
25/03/24 04:55	1.901	13.421	15.322	0.764	15.8	74	2.1	302	12
25/03/24 05:00	1.798	13.361	15.159	0.750	15.7	73	2.8	308	10
25/03/24 05:05	1.873	13.353	15.225	0.661	15.7	73	2.4	313	12
25/03/24 05:10	2.270	13.816	16.086	0.756	15.6	74	2.1	308	13
25/03/24 05:15	2.764	14.776	17.540	0.770	15.6	74	2.1	313	13
25/03/24 05:20	2.973	15.703	18.676	0.722	15.6	73	2.4	315	11
25/03/24 05:25	3.474	16.547	20.020	0.762	15.6	74	2.1	310	11
25/03/24 05:30	4.367	19.062	23.429	0.834	15.7	74	1.8	307	15
25/03/24 05:35	5.132	20.025	25.157	0.867	15.6	73	2.0	308	12
25/03/24 05:40	7.548	20.434	27.982	1.019	15.6	74	1.9	313	19
25/03/24 05:45	18.965	20.842	39.807	1.143	15.5	74	1.7	308	20
25/03/24 05:50	18.921	19.790	38.712	1.013	15.6	75	1.7	301	16
25/03/24 05:55	13.707	19.295	33.002	1.001	15.6	73	1.7	311	19
25/03/24 06:00	15.844	19.417	35.261	0.998	15.6	73	1.4	321	26
25/03/24 06:05	13.704	20.399	34.103	0.961	15.5	73	2.3	307	15
25/03/24 06:10	14.518	20.458	34.977	1.052	15.7	73	1.7	316	17
25/03/24 06:15	14.241	19.968	34.209	0.958	15.7	72	2.3	313	14
25/03/24 06:20	15.278	20.625	35.903	0.961	15.7	73	1.4	314	20
25/03/24 06:25	19.329	21.208	40.537	1.036	15.7	73	1.3	326	18
25/03/24 06:30	23.519	21.153	44.671	0.955	15.6	73	1.4	339	27
25/03/24 06:35	25.266	20.222	45.489	1.005	15.6	73	1.2	325	26
25/03/24 06:40	25.058	20.286	45.344	1.115	15.5	74	1.5	318	24
25/03/24 06:45	25.358	20.264	45.623	1.116	15.5	74	1.6	322	19
25/03/24 06:50	27.599	19.849	47.448	1.060	15.5	74	1.2	332	24
25/03/24 06:55	30.435	19.219	49.654	0.976	15.5	74	1.4	313	22
25/03/24 07:00	33.640	18.352	51.992	0.876	15.5	73	1.6	321	22
25/03/24 07:05	34.509	19.484	53.993	1.007	15.5	73	1.6	325	21
25/03/24 07:10	35.083	20.151	55.235	1.057	15.5	73	1.8	317	19
25/03/24 07:15	34.991	20.559	55.549	0.959	15.5	73	1.4	322	21
25/03/24 07:20	34.617	20.784	55.401	0.961	15.5	73	1.3	323	30
25/03/24 07:25	33.452	20.713	54.165	1.009	15.5	73	1.6	314	21
25/03/24 07:30	32.337	20.570	52.907	1.107	15.6	72	1.4	333	26
25/03/24 07:35	31.277	20.539	51.817	1.151	15.6	72	1.5	329	23
25/03/24 07:40	30.278	20.163	50.441	1.160	15.6	72	1.4	331	23
25/03/24 07:45	30.078	20.040	50.118	1.207	15.8	71	1.8	316	21
25/03/24 07:50	30.126	19.964	50.090	1.100	15.9	71	2.1	303	17
25/03/24 07:55	29.936	19.724	49.660	1.118	16.0	70	1.7	323	23
25/03/24 08:00	28.633	19.405	48.038	1.394	16.0	70	2.4	310	16
25/03/24 08:05	28.760	19.490	48.250	1.278	16.0	71	2.3	303	20
25/03/24 08:10	29.832	19.543	49.375	1.204	16.1	71	1.7	307	21
25/03/24 08:15	30.809	16.895	47.704	1.333	16.2	70	2.0	323	32
25/03/24 08:20	21.186	11.765	32.951	1.372	16.2	69	2.3	322	17
25/03/24 08:25	12.809	14.904	27.713	1.356	16.3	69	2.3	302	19
25/03/24 08:30	10.882	13.622	24.504	1.320	16.4	69	2.8	311	14
25/03/24 08:35	9.815	12.029	21.844	1.309	16.5	69	2.0	300	20
25/03/24 08:40	9.012	11.415	20.427	1.240	16.6	68	2.3	306	18
25/03/24 08:45	8.161	11.006	19.167	1.229	16.7	70	2.4	266	14
25/03/24 08:50	7.322	10.240	17.563	1.131	16.6	69	2.5	288	19
25/03/24 08:55	6.128	9.670	15.798	0.972	16.6	69	2.4	302	26
25/03/24 09:00	5.387	9.158	14.545	0.934	16.7	68	1.5	317	20

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/03/24 09:05	5.449	9.471	14.920	0.941	16.7	67	1.7	310	19
25/03/24 09:10	6.267	9.978	16.245	1.017	16.8	68	1.8	271	16
25/03/24 09:15	6.827	11.187	18.014	1.131	16.8	69	2.0	274	19
25/03/24 09:20	7.215	11.687	18.902	1.182	17.0	69	2.8	283	17
25/03/24 09:25	6.857	10.216	17.073	0.936	17.1	69	2.8	280	14
25/03/24 09:30	6.418	8.259	14.678	0.871	17.1	68	2.7	263	18
25/03/24 09:35	6.386	8.460	14.846	0.851	17.3	68	2.3	276	17
25/03/24 09:40	6.380	7.943	14.323	0.949	17.4	68	3.7	262	10
25/03/24 09:45	5.950	6.739	12.689	0.974	17.7	67	3.0	274	20
25/03/24 09:50	5.292	5.193	10.485	0.888	17.7	66	5.2	247	04
25/03/24 09:55	4.570	3.710	8.280	1.214	17.7	67	4.4	269	15
25/03/24 10:00	3.846	3.219	7.064	1.215	17.8	66	3.8	275	11
25/03/24 10:05	3.321	3.088	6.409	1.198	17.9	67	2.8	276	16
25/03/24 10:10	2.968	3.317	6.285	1.100	18.2	67	6.3	262	08
25/03/24 10:15	2.537	3.240	5.777	1.208	18.0	67	5.0	265	13
25/03/24 10:20	2.284	3.271	5.555	1.071	18.2	66	4.3	273	16
25/03/24 10:25	2.238	3.186	5.424	1.047	18.5	66	3.9	264	13
25/03/24 10:30	2.405	3.390	5.795	1.117	18.6	66	6.2	262	09
25/03/24 10:35	2.358	3.467	5.824	1.191	18.7	64	5.7	268	07
25/03/24 10:40	2.110	3.240	5.350	1.123	18.6	64	4.5	265	11
25/03/24 10:45	2.063	3.226	5.289	1.136	18.8	63	5.6	260	08
25/03/24 10:50	2.073	3.337	5.410	1.359	18.9	63	4.7	262	09
25/03/24 10:55	2.113	3.428	5.541	1.118	19.0	62	5.5	259	10
25/03/24 11:00	2.051	3.411	5.462	0.861	19.1	63	4.8	263	11
25/03/24 11:05	1.961	3.472	5.433	0.808	19.3	61	3.4	270	15
25/03/24 11:10	2.006	3.500	5.506	0.812	19.3	61	4.4	258	16
25/03/24 11:15	1.944	3.397	5.341	0.877	19.5	59	3.9	269	08
25/03/24 11:20	1.964	3.298	5.262	0.907	19.4	60	4.4	257	11
25/03/24 11:25	1.952	3.235	5.188	0.847	19.7	61	3.7	256	17
25/03/24 11:30	1.786	3.066	4.852	0.782	19.8	61	4.2	235	17
25/03/24 11:35	1.601	2.725	4.326	0.733	19.8	61	4.1	226	07
25/03/24 11:40	2.950	1.909	4.859	0.560	19.9	60	3.9	221	11
25/03/24 11:45	1.658	2.152	3.810	0.622	20.0	60	3.8	219	14
25/03/24 11:50	1.415	1.899	3.314	0.649	20.0	58	3.0	220	08
25/03/24 11:55	1.299	5.991	7.290	0.599	20.1	61	2.6	206	14
25/03/24 12:00	14.399	11.460	25.858	0.698	20.5	60	2.4	197	12
25/03/24 12:05	19.100	12.611	31.711	0.770	20.7	58	3.4	208	11
25/03/24 12:10	6.071	11.632	17.703	0.808	20.5	58	2.5	201	18
25/03/24 12:15	2.366	1.262	3.628	0.772	21.1	58	1.5	163	29
25/03/24 12:20	2.301	1.938	4.239	0.542	21.2	57	2.1	138	17
25/03/24 12:25	2.215	3.251	5.466	0.535	21.3	57	1.5	159	28
25/03/24 12:30	4.084	2.711	6.795	0.515	21.5	56	1.8	158	24
25/03/24 12:35	0.675	1.075	1.750	0.709	21.5	57	2.5	140	13
25/03/24 12:40	0.642	1.014	1.656	0.906	21.5	59	2.1	147	23
25/03/24 12:45				0.924	21.5	58	1.7	158	28
25/03/24 12:50	30.586	20.951	51.537	0.827	21.6	59	2.3	194	17
25/03/24 12:55	31.553	14.923	46.476	0.951	21.6	59	2.5	178	18
25/03/24 13:00	6.150	6.232	12.381	0.889	21.9	57	1.9	161	21
25/03/24 13:05	1.134	0.741	1.876	0.952	22.2	57	2.2	161	23
25/03/24 13:10	1.114	1.844	2.958	0.827	22.0	58	1.9	163	27
25/03/24 13:15	1.478	0.631	2.109	0.671	22.2	58	2.2	177	22
25/03/24 13:20	1.759	1.557	3.315	0.630	22.5	57	2.1	170	22
25/03/24 13:25	4.188	4.590	8.779	0.597	22.5	58	2.1	166	23
25/03/24 13:30	2.061	3.033	5.094	0.646	22.3	60	2.1	170	23
25/03/24 13:35	6.035	8.521	14.556	0.650	22.5	58	2.2	176	18
25/03/24 13:40	12.389	9.928	22.317	0.791	22.8	57	2.7	191	15
25/03/24 13:45	7.334	7.710	15.044	0.775	22.7	56	3.0	194	12
25/03/24 13:50	7.670	6.738	14.409	0.792	22.5	54	4.5	191	10
25/03/24 13:55	10.467	8.690	19.157	0.720	22.4	56	4.0	197	12
25/03/24 14:00	15.684	9.068	24.752	0.786	22.2	57	3.9	197	13
25/03/24 14:05	16.015	10.473	26.488	0.731	22.2	57	4.1	196	11
25/03/24 14:10	13.257	8.224	21.480	0.786	22.4	55	4.3	194	09
25/03/24 14:15	13.247	8.743	21.991	0.695	22.3	57	3.8	193	09
25/03/24 14:20	4.963	4.399	9.361	0.616	22.5	57	2.5	178	18
25/03/24 14:25	3.299	3.779	7.078	0.532	23.0	57	2.3	188	16
25/03/24 14:30	7.143	8.789	15.933	0.484	23.1	53	3.2	192	11
25/03/24 14:35	8.757	10.091	18.848	0.495	23.0	52	3.8	195	09
25/03/24 14:40	4.166	3.320	7.486	0.502	23.0	53	2.3	178	16
25/03/24 14:45	2.774	4.712	7.486	0.529	23.5	54	2.8	191	12
25/03/24 14:50	5.549	8.001	13.550	0.626	23.3	54	4.5	191	10
25/03/24 14:55	9.779	9.072	18.852	0.610	22.8	55	4.5	196	09
25/03/24 15:00	12.222	9.449	21.671	0.691	22.6	56	4.0	198	09
25/03/24 15:05	10.811	11.231	22.042	0.651	22.6	55	3.3	195	10
25/03/24 15:10	10.123	9.240	19.363	0.743	23.2	54	2.5	192	14
25/03/24 15:15	6.205	7.169	13.373	0.903	23.3	54	3.1	196	08
25/03/24 15:20	8.442	8.471	16.913	0.946	23.1	52	4.1	194	11
25/03/24 15:25	11.548	8.629	20.177	1.007	23.0	52	4.4	194	11
25/03/24 15:30	7.631	8.659	16.290	1.012	23.0	53	4.3	192	10
25/03/24 15:35	10.199	9.305	19.503	0.884	23.1	53	4.4	192	11
25/03/24 15:40	10.991	9.597	20.588	0.867	23.0	54	4.6	193	09
25/03/24 15:45	10.377	10.958	21.336	0.986	22.9	54	4.6	194	09
25/03/24 15:50	9.840	12.318	22.158	0.937	22.5	58	4.4	196	08
25/03/24 15:55	7.394	8.055	15.449	0.875	22.6	59	3.1	184	14
25/03/24 16:00	4.718	4.396	9.114	0.736	22.8	60	3.0	171	19
25/03/24 16:05	1.476	0.545	2.021	0.691	22.6	62	2.1	168	27
25/03/24 16:10	0.710	0.961	1.671	0.627	22.3	63	2.3	162	25
25/03/24 16:15	0.788	1.070	1.858	0.696	22.0	65	1.9	161	31
25/03/24 16:20	0.786	1.003	1.788	0.868	21.8	65	2.0	166	29
25/03/24 16:25	0.798	0.921	1.719	0.715	21.8	66	1.9	168	29
25/03/24 16:30	0.731	0.949	1.681	0.829	21.9	66	2.3	169	24
25/03/24 16:35	0.644	0.950	1.594	0.844	21.9	63	2.4	173	19
25/03/24 16:40	0.589	0.928	1.518	0.889	21.7	64	2.0	160	32
25/03/24 16:45	0.490	0.956	1.446	0.733	21.5	67	1.9	154	27
25/03/24 16:50	0.388	0.941	1.329	0.643	21.4	67	2.3	155	26
25/03/24 16:55	0.284	0.871	1.155	0.669	21.2	64	3.0	150	23
25/03/24 17:00	0.264	0.787	1.052	0.600	21.0	66	3.9	144	17
25/03/24 17:05	0.194	0.792	0.987	0.491	20.9	66	3.8	149	19
25/03/24 17:10	0.293	0.761	1.054	0.491	20.8	66	3.3	150	23
25/03/24 17:15	0.232	0.739	0.972	0.547	20.9	66	3.3	148	21
25/03/24 17:20	0.228	0.799	1.028	0.620	20.8	66	3.1	155	24
25/03/24 17:25	0.202	0.811	1.012	0.556	20.9	64	3.1	151	21
25/03/24 17:30	0.202	0.702	0.904	0.675	20.7	66	2.7	148	25
25/03/24 17:35	0.121	0.614	0.735	0.656	20.9	67	1.8	166	28
25/03/24 17:40	0.346	0.730	1.076	0.672	20.9	65	1.9	159	29
25/03/24 17:45	0.526	0.663	1.189	0.664	21.1	65	2.7	174	20
25/03/24 17:50	0.418	0.413	0.831	0.556	20.9	64	2.2	164	24
25/03/24 17:55	0.256	0.503	0.759	0.697	20.9	65	1.7	174	26
25/03/24 18:00	0.239	0.527	0.765	0.800	20.9	65	2.3	173	24

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/03/24 18:05	0.235	0.544	0.779	0.693	20.8	66	2.2	171	24
25/03/24 18:10	0.091	0.512	0.603	0.459	20.6	67	2.2	166	26
25/03/24 18:15	-0.004	0.497	0.493	0.585	20.4	67	1.9	158	30
25/03/24 18:20	0.057	0.531	0.588	0.509	20.1	69	2.8	151	24
25/03/24 18:25	0.056	0.952	1.008	0.550	20.0	70	1.9	167	27
25/03/24 18:30	0.018	0.934	0.952	0.680	20.0	71	2.1	170	27
25/03/24 18:35	-0.011	0.777	0.766	0.620	19.8	73	2.6	173	21
25/03/24 18:40	0.004	0.680	0.683	0.650	19.8	75	2.9	173	21
25/03/24 18:45	0.054	0.624	0.677	0.573	19.8	76	2.5	182	21
25/03/24 18:50	0.005	0.673	0.678	0.487	19.6	75	2.6	165	22
25/03/24 18:55	0.097	0.690	0.787	0.455	19.5	75	2.7	173	21
25/03/24 19:00	0.122	0.801	0.923	0.499	19.4	75	3.0	170	19
25/03/24 19:05	0.176	1.024	1.199	0.490	19.5	75	2.5	174	23
25/03/24 19:10	0.204	1.515	1.719	0.480	19.4	74	2.5	169	25
25/03/24 19:15	0.165	1.884	2.049	0.548	19.3	75	2.2	176	24
25/03/24 19:20	0.151	2.221	2.371	0.622	19.4	75	2.9	180	15
25/03/24 19:25	0.076	2.232	2.308	0.699	19.4	75	2.6	172	22
25/03/24 19:30	0.059	2.236	2.295	0.830	19.3	76	2.8	175	17
25/03/24 19:35	0.009	2.259	2.268	0.742	19.4	77	2.3	178	16
25/03/24 19:40	-0.054	2.275	2.221	0.836	19.3	76	2.6	181	18
25/03/24 19:45	-0.057	2.339	2.282	0.739	19.3	75	2.5	180	22
25/03/24 19:50	-0.044	2.214	2.169	0.765	19.4	75	2.4	171	21
25/03/24 19:55	0.055	1.916	1.971	0.674	19.3	74	2.3	171	25
25/03/24 20:00	0.146	1.819	1.965	0.652	19.3	75	3.0	177	19
25/03/24 20:05	0.160	1.852	2.012	0.598	19.3	76	2.5	181	17
25/03/24 20:10	0.028	1.913	1.941	0.523	19.2	76	2.3	178	18
25/03/24 20:15	0.082	1.974	2.055	0.599	19.2	76	2.7	175	19
25/03/24 20:20	0.101	2.187	2.288	0.545	19.2	75	1.8	175	25
25/03/24 20:25	0.128	2.709	2.838	0.572	19.1	75	1.9	165	28
25/03/24 20:30	0.198	4.557	4.755	0.629	19.1	75	2.1	169	23
25/03/24 20:35	0.205	7.606	7.810	0.430	19.2	74	1.6	163	30
25/03/24 20:40	0.247	8.769	9.016	0.438	19.1	74	1.8	163	30
25/03/24 20:45	0.195	5.818	6.014	0.743	19.0	74	2.5	152	25
25/03/24 20:50	0.133	1.142	1.275	0.658	19.0	73	2.3	150	21
25/03/24 20:55	0.111	0.695	0.806	0.678	18.9	75	2.3	130	23
25/03/24 21:00	0.047	1.028	1.075	0.493	18.9	75	1.6	130	24
25/03/24 21:05	0.422	1.759	2.181	0.352	18.8	77	1.9	109	11
25/03/24 21:10	0.027	1.449	1.476	0.535	18.7	76	1.5	123	21
25/03/24 21:15	-0.097	1.504	1.407	0.424	18.7	77	2.0	114	14
25/03/24 21:20	-0.115	1.642	1.528	0.303	18.6	77	2.6	112	08
25/03/24 21:25	-0.085	1.578	1.493	0.254	18.7	78	2.5	104	06
25/03/24 21:30	-0.101	1.621	1.520	0.301	18.6	77	2.5	106	06
25/03/24 21:35	-0.050	1.578	1.528	0.452	18.5	76	2.8	113	07
25/03/24 21:40	0.110	1.523	1.633	0.656	18.5	77	2.3	108	07
25/03/24 21:45	0.070	1.698	1.768	0.634	18.4	74	2.0	92	07
25/03/24 21:50	-0.027	2.166	2.139	0.633	18.2	73	2.1	96	06
25/03/24 21:55	-0.021	2.727	2.706	0.623	18.0	73	1.6	91	07
25/03/24 22:00	0.012	3.387	3.399	0.604	17.9	74	1.8	87	08
25/03/24 22:05	0.012	4.066	4.078	0.524	17.9	74	1.7	85	07
25/03/24 22:10	0.102	4.533	4.635	0.750	17.8	74	1.7	79	09
25/03/24 22:15	0.126	4.976	5.102	0.809	17.8	74	1.6	79	12
25/03/24 22:20	0.129	5.487	5.616	0.691	17.8	74	1.8	69	12
25/03/24 22:25	0.222	5.856	6.078	0.710	17.7	73	1.9	73	09
25/03/24 22:30	0.285	6.112	6.397	0.692	17.8	73	1.5	78	13
25/03/24 22:35	0.281	6.502	6.783	0.763	17.8	73	1.7	62	13
25/03/24 22:40	0.256	6.649	6.905	0.756	17.8	73	1.6	57	10
25/03/24 22:45	0.162	6.866	7.028	0.802	17.7	73	1.6	58	10
25/03/24 22:50	0.071	7.286	7.358	0.706	17.7	72	1.7	69	13
25/03/24 22:55	0.131	7.912	8.043	0.659	17.8	72	1.7	68	15
25/03/24 23:00	0.165	8.279	8.444	0.616	17.9	72	1.0	66	14
25/03/24 23:05	0.196	8.550	8.745	0.648	18.0	74	0.5	149	53
25/03/24 23:10	0.289	8.867	9.156	0.534	18.1	73	1.1	122	14
25/03/24 23:15	0.281	9.185	9.466	0.439	18.0	73	1.9	104	10
25/03/24 23:20	0.279	9.760	10.039	0.440	18.0	73	0.8	100	29
25/03/24 23:25	0.216	10.167	10.383	0.466	18.1	74	0.7	127	38
25/03/24 23:30	0.282	9.571	9.853	0.489	18.3	74	3.6	234	14
25/03/24 23:35	0.223	8.094	8.317	0.425	18.5	71	4.7	235	07
25/03/24 23:40	0.114	4.035	4.149	0.333	18.4	70	5.0	237	06
25/03/24 23:45	0.070	2.833	2.903	0.427	18.4	70	4.5	245	09
25/03/24 23:50	0.170	3.198	3.368		18.3	71	4.2	238	09
25/03/24 23:55	0.291	5.048	5.339		18.4	70	4.2	237	08
26/03/24 00:00	0.477	6.173	6.650	0.495	18.3	70	4.3	246	07
26/03/24 00:05	0.573	4.679	5.253	0.456	18.2	69	4.0	240	07
26/03/24 00:10	0.628	5.979	6.607	0.488	18.2	70	3.4	248	10
26/03/24 00:15	0.725	8.040	8.765	0.441	18.2	68	3.7	258	05
26/03/24 00:20	0.664	5.978	6.642	0.422	18.2	69	3.6	251	07
26/03/24 00:25	0.673	6.033	6.707	0.469	18.2	67	3.4	259	06
26/03/24 00:30	0.622	5.892	6.514	0.482	18.1	68	3.3	257	08
26/03/24 00:35	0.433	5.498	5.930	0.425	18.2	69	3.8	263	08
26/03/24 00:40	0.373	5.166	5.539	0.423	18.2	68	3.4	253	06
26/03/24 00:45	0.322	5.444	5.767	0.418	18.1	69	3.0	263	08
26/03/24 00:50	0.441	5.240	5.681	0.473	18.1	68	2.9	250	12
26/03/24 00:55	0.421	5.219	5.640	0.551	18.0	68	3.5	246	10
26/03/24 01:00	0.394	5.650	6.044	0.612	18.0	68	3.2	239	08
26/03/24 01:05					18.1	68	3.7	243	09
26/03/24 01:10					18.2	69	3.4	238	11
26/03/24 01:15					18.1	68	3.5	235	05
26/03/24 01:20					18.0	67	3.3	250	11
26/03/24 01:25					18.0	68	3.2	247	08
26/03/24 01:30					17.9	67	2.7	259	08
26/03/24 01:35					17.9	68	2.8	256	11
26/03/24 01:40					17.9	67	3.4	250	07
26/03/24 01:45					17.9	68	2.9	259	07
26/03/24 01:50					17.8	68	2.8	261	08
26/03/24 01:55					17.9	68	2.3	267	11
26/03/24 02:00					18.0	68	3.1	251	09
26/03/24 02:05	0.505	6.521	7.026	0.785	17.9	68	2.7	253	09
26/03/24 02:10	0.380	6.443	6.823	0.803	17.8	69	3.2	262	05
26/03/24 02:15	0.487	5.807	6.294	0.709	17.8	69	3.5	259	08
26/03/24 02:20	0.682	6.232	6.914	0.699	17.7	69	3.5	256	05
26/03/24 02:25	0.627	6.188	6.815	0.717	17.8	69	3.3	261	07
26/03/24 02:30	0.562	6.203	6.764	0.681	17.9	70	3.8	251	07
26/03/24 02:35	0.477	6.355	6.831	0.713	17.7	69	3.9	241	06
26/03/24 02:40	0.714	7.890	8.604	0.606	17.8	71	3.3	253	11
26/03/24 02:45	0.697	5.819	6.516	0.505	17.8	70	3.6	248	08
26/03/24 02:50	0.576	4.790	5.365	0.556	17.7	70	4.0	250	11
26/03/24 02:55	0.724	5.405	6.129	0.534	17.6	70	3.2	257	12
26/03/24 03:00	0.703	4.127	4.831	0.533	17.6	71	3.7	265	10

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/03/24 03:05	0.620	2.754	3.374	0.588	17.7	71	3.6	270	08
26/03/24 03:10	0.668	2.194	2.862	0.622	17.5	71	3.7	263	06
26/03/24 03:15	0.539	2.564	3.102	0.721	17.4	71	3.5	264	09
26/03/24 03:20	0.409	2.903	3.313	0.676	17.4	72	4.3	271	05
26/03/24 03:25	0.564	3.902	4.466	0.686	17.2	72	3.9	265	07
26/03/24 03:30	0.584	3.932	4.516	0.765	17.1	72	3.6	262	09
26/03/24 03:35	0.570	4.227	4.797	0.716	17.0	73	2.9	260	10
26/03/24 03:40	0.458	4.331	4.790	0.747	17.0	71	3.2	269	11
26/03/24 03:45	0.391	4.391	4.782	0.867	16.9	73	2.3	267	19
26/03/24 03:50	0.281	5.216	5.497	0.889	16.9	74	1.9	278	20
26/03/24 03:55	0.287	6.412	6.700	0.829	16.7	74	1.9	276	21
26/03/24 04:00	0.247	7.554	7.801	0.839	16.7	74	2.1	279	11
26/03/24 04:05	0.283	8.179	8.462	0.853	16.6	75	2.0	273	13
26/03/24 04:10	0.473	9.055	9.527	0.861	16.6	75	3.6	261	09
26/03/24 04:15	0.787	10.283	11.070	0.849	16.4	76	3.9	259	07
26/03/24 04:20	1.004	11.086	12.090	0.814	16.4	75	4.2	258	09
26/03/24 04:25	0.991	10.325	11.317	0.700	16.2	76	4.5	254	06
26/03/24 04:30	0.943	9.767	10.710	0.737	16.1	77	4.2	256	08
26/03/24 04:35	1.136	10.255	11.391	0.788	16.0	76	4.0	250	08
26/03/24 04:40	1.630	11.658	13.288	0.837	15.9	77	4.4	249	08
26/03/24 04:45	1.742	11.004	12.746	0.903	15.8	77	5.0	252	08
26/03/24 04:50	1.457	8.556	10.014	0.892	15.7	79	4.5	250	08
26/03/24 04:55	1.452	10.127	11.579	0.863	15.7	80	4.3	251	08
26/03/24 05:00	1.619	10.469	12.088	0.754	15.7	81	4.6	247	08
26/03/24 05:05	1.548	9.315	10.863	0.894	15.7	82	4.5	249	09
26/03/24 05:10	1.500	9.393	10.893	0.894	15.6	83	4.4	247	06
26/03/24 05:15	1.365	9.136	10.501	0.845	15.6	83	4.9	246	09
26/03/24 05:20	1.394	8.600	9.994	0.908	15.5	83	5.1	255	07
26/03/24 05:25	1.441	8.164	9.605	0.833	15.3	83	5.6	255	07
26/03/24 05:30	1.268	7.389	8.657	0.698	15.1	83	4.9	253	08
26/03/24 05:35	2.472	12.171	14.643	0.749	15.0	84	4.3	247	11
26/03/24 05:40	5.198	16.980	22.178	0.771	15.0	85	3.3	260	09
26/03/24 05:45	4.481	11.929	16.411	0.727	14.9	85	4.3	247	12
26/03/24 05:50	3.843	12.430	16.273	0.849	14.5	86	3.7	253	11
26/03/24 05:55	3.882	14.143	18.025	0.866	14.5	87	3.4	255	12
26/03/24 06:00	3.155	12.064	15.219	0.828	14.5	87	3.3	258	09
26/03/24 06:05	2.543	11.760	14.304	0.762	14.7	88	3.0	275	16
26/03/24 06:10	2.236	10.318	12.554	0.785	14.6	86	3.0	273	18
26/03/24 06:15	1.932	10.141	12.073	0.870	14.5	87	2.2	279	16
26/03/24 06:20	1.991	11.419	13.410	0.964	14.6	88	2.8	271	17
26/03/24 06:25	2.797	14.173	16.971	0.916	14.6	86	2.6	276	16
26/03/24 06:30	5.000	22.665	27.665	0.814	14.4	85	2.7	301	12
26/03/24 06:35	7.155	20.090	27.245	0.801	14.3	86	2.1	287	17
26/03/24 06:40	8.005	19.246	27.251	0.761	14.4	86	2.4	294	14
26/03/24 06:45	7.307	17.783	25.090	0.707	14.4	86	2.9	300	09
26/03/24 06:50	6.637	16.344	22.980	0.672	14.3	86	2.6	300	11
26/03/24 06:55	6.339	15.979	22.318	0.748	14.3	86	1.8	305	15
26/03/24 07:00	6.736	16.619	23.355	0.863	14.4	86	2.1	294	16
26/03/24 07:05	7.266	16.817	24.083	0.900	14.7	86	2.0	292	15
26/03/24 07:10	6.844	16.184	23.028	0.916	14.9	85	2.4	289	16
26/03/24 07:15	6.186	15.186	21.372	0.868	15.0	84	2.2	289	15
26/03/24 07:20	5.920	14.147	20.067	0.820	15.2	83	2.1	291	13
26/03/24 07:25	6.094	14.447	20.541	0.839	15.0	83	2.6	294	15
26/03/24 07:30	6.253	14.728	20.982	0.810	15.1	83	2.5	290	20
26/03/24 07:35	7.553	15.235	22.789	0.831	15.2	83	2.2	281	14
26/03/24 07:40	9.597	15.876	25.473	0.842	15.3	83	2.5	286	13
26/03/24 07:45	13.310	17.009	30.319	0.952	15.5	83	2.2	287	15
26/03/24 07:50	14.827	16.670	31.497	1.014	15.5	82	2.7	292	12
26/03/24 07:55	14.729	16.741	31.470	0.999	15.4	82	2.3	286	18
26/03/24 08:00	14.497	16.525	31.022	1.086	15.6	83	3.4	269	13
26/03/24 08:05	13.382	15.973	29.355	1.124	15.5	83	4.8	264	08
26/03/24 08:10	12.506	15.355	27.861	1.175	15.5	84	4.6	264	08
26/03/24 08:15	11.293	12.648	23.941	1.225	15.6	83	4.0	265	10
26/03/24 08:20	10.772	13.197	23.969	1.024	15.5	82	4.1	269	09
26/03/24 08:25	10.218	11.896	22.114	1.047	15.6	83	4.0	262	08
26/03/24 08:30	9.268	7.397	16.665	0.932	15.7	84	4.9	265	08
26/03/24 08:35	6.534	4.111	10.646	0.930	15.9	84	4.9	261	09
26/03/24 08:40	4.968	5.438	10.406	0.822	15.8	83	5.1	262	09
26/03/24 08:45	3.996	6.041	10.037	0.716	16.0	82	3.5	263	13
26/03/24 08:50	4.131	6.083	10.214	0.745	16.1	81	4.8	258	07
26/03/24 08:55	3.591	4.671	8.261	0.705	16.2	80	4.5	259	06
26/03/24 09:00	3.875	7.178	11.053	0.783	16.2	79	3.9	268	09
26/03/24 09:05	4.531	9.110	13.640	0.874	16.3	79	3.8	259	12
26/03/24 09:10	5.060	9.172	14.232	0.796	16.4	78	3.4	256	11
26/03/24 09:15	5.145	8.998	14.143	0.839	16.5	77	3.4	270	09
26/03/24 09:20	5.011	8.660	13.671	0.929	16.5	77	2.2	264	13
26/03/24 09:25	5.531	8.667	14.198	0.954	16.6	76	3.1	263	09
26/03/24 09:30	5.502	8.171	13.673	0.938	16.7	76	3.3	257	08
26/03/24 09:35	5.227	7.574	12.801	0.835	16.7	75	2.0	261	16
26/03/24 09:40	4.773	6.978	11.751	0.901	16.9	74	1.9	255	14
26/03/24 09:45	4.356	5.426	9.782	0.822	17.0	74	2.4	225	09
26/03/24 09:50	3.859	3.955	7.814	0.797	17.1	74	3.7	237	06
26/03/24 09:55				0.779	17.0	75	3.6	242	08
26/03/24 10:00				0.760	16.9	75	2.8	231	07
26/03/24 10:05	2.188	0.163	2.352	0.700	16.9	74	2.2	230	09
26/03/24 10:10	2.023	0.611	2.635	0.705	17.1	72	2.4	229	09
26/03/24 10:15	1.755	0.926	2.681	0.861	17.2	72	2.0	227	10
26/03/24 10:20	1.499	1.162	2.662	0.827	17.3	72	1.7	228	14
26/03/24 10:25	1.429	1.405	2.834	0.761	17.6	71	1.9	224	15
26/03/24 10:30	1.247	1.432	2.679	0.791	17.8	66	1.8	230	09
26/03/24 10:35	1.204	1.570	2.773	0.790	18.1	64	1.2	215	12
26/03/24 10:40	1.680	2.280	3.959	0.749	18.8	62	2.3	206	14
26/03/24 10:45	1.851	2.062	3.913	0.875	18.7	62	3.7	197	07
26/03/24 10:50	2.264	7.888	10.152	0.971	18.7	62	3.0	197	07
26/03/24 10:55	2.850	8.279	11.129	0.975	18.7	65	2.3	196	11
26/03/24 11:00	2.947	5.578	8.525	0.840	18.7	66	2.7	198	08
26/03/24 11:05	2.989	5.116	8.105	0.814	18.8	67	2.4	199	11
26/03/24 11:10	2.760	4.480	7.240	0.868	18.8	65	1.7	192	17
26/03/24 11:15	2.554	4.111	6.665	0.804	19.1	66	1.8	188	18
26/03/24 11:20	2.361	3.310	5.671	0.847	19.8	62	2.0	184	18
26/03/24 11:25	2.244	3.131	5.375	0.895	19.7	63	2.2	195	14
26/03/24 11:30	1.894	3.000	4.894	0.977	19.9	60	1.7	166	18
26/03/24 11:35	1.792	3.000	4.793	1.000	19.9	61	2.3	187	18
26/03/24 11:40	2.235	3.512	5.747	1.032	19.7	60	1.5	176	18
26/03/24 11:45	2.231	3.429	5.660	0.965	20.0	62	1.9	190	17
26/03/24 11:50	2.157	2.835	4.991	0.931	19.0	64	3.3	204	06
26/03/24 11:55	2.126	3.790	5.916	0.976	18.9	66	2.3	197	17
26/03/24 12:00	2.007	3.065	5.072	0.933	19.0	64	2.6	220	14

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/03/24 12:05	1.816	3.237	5.054	0.879	18.9	63	3.0	206	13
26/03/24 12:10	2.501	4.993	7.494	0.891	19.1	62	2.6	197	08
26/03/24 12:15	2.248	1.840	4.088	0.880	19.3	62	2.6	199	06
26/03/24 12:20	2.059	2.450	4.509	0.849	19.1	63	2.8	202	07
26/03/24 12:25	2.324	3.789	6.113	0.833	19.5	62	2.1	187	20
26/03/24 12:30	2.131	2.664	4.794	0.783	20.0	61	2.2	192	16
26/03/24 12:35	1.888	2.172	4.060	0.804	20.5	57	1.7	184	16
26/03/24 12:40	1.572	1.951	3.523	0.811	20.8	58	1.7	181	22
26/03/24 12:45	1.320	1.758	3.078	0.840	20.7	54	1.5	166	23
26/03/24 12:50	1.102	1.716	2.818	0.774	20.9	54	1.5	160	25
26/03/24 12:55	1.151	1.910	3.061	0.911	21.0	53	1.6	159	21
26/03/24 13:00	0.974	1.695	2.668	0.985	21.3	53	1.6	163	27
26/03/24 13:05	0.727	1.422	2.149	0.977	21.6	53	1.4	164	26
26/03/24 13:10	0.929	1.801	2.730	0.896	21.7	52	1.3	161	28
26/03/24 13:15	1.666	3.430	5.096	0.892	21.8	52	1.6	158	24
26/03/24 13:20	1.854	3.573	5.427	0.896	21.9	52	1.5	157	24
26/03/24 13:25	1.661	2.890	4.552	0.932	22.1	52	1.6	165	26
26/03/24 13:30	1.274	1.097	2.371	0.928	22.0	50	2.1	172	18
26/03/24 13:35	0.953	1.026	1.979	0.898	22.1	50	2.1	178	16
26/03/24 13:40	1.063	1.553	2.616	0.790	22.0	51	1.5	171	20
26/03/24 13:45	1.245	2.091	3.336	0.758	22.2	52	1.6	170	22
26/03/24 13:50	1.715	2.245	3.960	0.879	22.3	49	1.1	159	32
26/03/24 13:55	0.821	0.843	1.664	0.814	22.5	48	1.5	159	24
26/03/24 14:00	0.709	1.094	1.802	0.779	22.5	49	1.5	162	21
26/03/24 14:05	0.988	1.863	2.851	0.846	22.4	50	1.8	170	22
26/03/24 14:10	0.946	2.065	3.011	0.834	22.1	52	1.8	186	21
26/03/24 14:15	1.072	2.526	3.598	0.732	22.1	50	2.1	196	18
26/03/24 14:20	0.910	2.125	3.036	0.814	21.2	51	3.1	201	05
26/03/24 14:25	0.828	1.767	2.595	0.913	20.9	55	2.4	203	08
26/03/24 14:30	0.863	1.617	2.479	0.824	21.5	54	1.7	178	22
26/03/24 14:35	1.071	2.249	3.320	0.746	22.2	49	1.6	164	20
26/03/24 14:40	0.971	2.507	3.478	0.777	22.5	49	1.5	163	22
26/03/24 14:45	1.203	2.993	4.195	0.756	22.7	50	1.7	137	23
26/03/24 14:50	1.328	2.973	4.301	0.796	22.1	52	2.9	132	12
26/03/24 14:55	1.080	0.745	1.824	0.760	21.3	54	2.6	145	17
26/03/24 15:00	0.844	0.457	1.302	0.766	21.3	54	2.1	149	20
26/03/24 15:05	0.718	0.552	1.270	0.720	21.3	55	2.5	149	22
26/03/24 15:10	0.571	0.735	1.306	0.635	21.2	56	2.2	147	21
26/03/24 15:15	0.426	0.750	1.176	0.645	21.0	57	2.9	145	16
26/03/24 15:20	0.262	0.751	1.013	0.692	21.0	57	1.9	159	27
26/03/24 15:25	0.094	0.834	0.928	0.704	21.1	57	2.2	149	25
26/03/24 15:30	0.088	0.819	0.907	0.616	20.9	57	3.0	143	17
26/03/24 15:35	0.176	0.709	0.886	0.561	20.8	57	3.2	144	14
26/03/24 15:40	0.109	0.698	0.807	0.569	20.9	58	2.3	156	25
26/03/24 15:45	0.068	0.755	0.823	0.619	21.2	58	2.0	167	26
26/03/24 15:50	0.059	0.719	0.778	0.680	21.4	57	2.4	169	25
26/03/24 15:55	0.050	0.720	0.770	0.713	21.5	57	2.5	167	24
26/03/24 16:00	0.086	0.779	0.865	0.661	21.1	58	2.5	169	24
26/03/24 16:05	0.027	0.819	0.847	0.608	21.2	58	2.4	173	24
26/03/24 16:10	0.022	0.799	0.821	0.627	21.3	60	2.8	172	21
26/03/24 16:15	-0.056	0.738	0.682	0.511	21.2	59	2.8	176	17
26/03/24 16:20	-0.108	0.671	0.562	0.491	21.2	60	2.6	173	23
26/03/24 16:25	-0.034	0.661	0.627	0.495	21.0	59	3.3	167	17
26/03/24 16:30	-0.092	0.692	0.600	0.460	21.1	60	2.6	171	21
26/03/24 16:35	-0.078	0.652	0.575	0.472	21.1	60	2.9	173	18
26/03/24 16:40	0.009	0.601	0.610	0.459	21.1	61	2.7	171	21
26/03/24 16:45	-0.074	0.659	0.585	0.463	21.0	61	3.1	173	23
26/03/24 16:50	-0.048	0.632	0.584	0.397	20.8	61	2.8	170	26
26/03/24 16:55	-0.005	0.652	0.648	0.449	21.0	61	3.2	180	17
26/03/24 17:00	0.011	0.690	0.701	0.456	20.8	62	2.9	177	18
26/03/24 17:05	0.165	0.641	0.806	0.372	21.0	63	2.9	175	19
26/03/24 17:10	0.155	0.584	0.739	0.410	20.9	62	3.0	171	19
26/03/24 17:15	0.046	0.503	0.549	0.471	20.8	62	2.3	171	24
26/03/24 17:20	-0.042	0.580	0.538	0.600	20.8	63	2.0	167	33
26/03/24 17:25	0.027	0.583	0.611	0.698	20.7	65	2.2	176	28
26/03/24 17:30	0.071	0.497	0.568	0.731	20.5	66	2.9	173	22
26/03/24 17:35	0.083	0.525	0.608	0.818	20.5	66	3.2	182	15
26/03/24 17:40	0.193	0.511	0.704	0.800	20.4	65	3.0	181	17
26/03/24 17:45	0.241	0.467	0.708	0.728	20.4	66	2.8	183	14
26/03/24 17:50	0.203	0.426	0.629	0.736	20.5	65	2.9	180	17
26/03/24 17:55	0.150	0.386	0.535	0.696	20.3	66	3.1	184	14
26/03/24 18:00	0.103	0.486	0.589	0.732	20.0	67	3.0	182	15
26/03/24 18:05	0.185	0.942	1.127	0.756	19.9	67	3.8	185	12
26/03/24 18:10	0.168	0.988	1.156	0.845	19.7	69	3.9	187	12
26/03/24 18:15	0.155	0.928	1.083	0.897	19.5	68	3.5	186	13
26/03/24 18:20	0.096	1.540	1.636	0.848	19.5	70	3.6	187	14
26/03/24 18:25	0.088	1.673	1.761	0.744	19.4	70	3.8	181	13
26/03/24 18:30	0.062	1.377	1.439	0.659	19.3	70	4.7	187	12
26/03/24 18:35	0.000	1.126	1.125	0.724	19.2	70	4.4	189	12
26/03/24 18:40	0.029	0.911	0.940	0.658	19.4	70	4.5	189	11
26/03/24 18:45	0.005	0.771	0.777	0.520	19.3	68	4.8	191	08
26/03/24 18:50	0.002	0.760	0.762	0.503	19.2	70	5.0	187	09
26/03/24 18:55	-0.068	1.065	0.998	0.465	19.2	69	4.7	191	10
26/03/24 19:00	-0.065	1.152	1.087	0.489	19.1	70	4.7	189	11
26/03/24 19:05	-0.076	0.956	0.880	0.592	19.2	70	5.0	188	09
26/03/24 19:10	-0.149	0.823	0.674	0.520	19.1	71	5.0	188	09
26/03/24 19:15	-0.140	0.717	0.577	0.463	19.1	70	5.2	187	09
26/03/24 19:20	-0.015	0.700	0.685	0.451	19.1	71	5.2	189	10
26/03/24 19:25	0.001	0.871	0.872	0.444	19.1	71	5.1	192	09
26/03/24 19:30	0.036	1.007	1.043	0.531	19.0	70	5.1	189	10
26/03/24 19:35	-0.030	1.240	1.209	0.452	19.1	71	5.0	191	09
26/03/24 19:40	-0.072	1.318	1.246	0.423	19.1	73	4.9	186	10
26/03/24 19:45	-0.046	1.233	1.187	0.377	19.1	72	4.7	189	10
26/03/24 19:50	-0.110	1.172	1.063	0.305	19.2	73	4.6	190	10
26/03/24 19:55	0.030	0.979	1.009	0.307	19.2	73	3.8	189	11
26/03/24 20:00	0.020	0.844	0.864	0.265	19.2	74	3.2	180	17
26/03/24 20:05	0.032	0.828	0.860	0.331	19.3	73	3.6	183	16
26/03/24 20:10	0.017	1.255	1.271	0.397	19.3	73	3.4	182	17
26/03/24 20:15	-0.045	2.552	2.507	0.365	19.2	74	3.0	177	17
26/03/24 20:20	-0.116	5.939	5.823	0.253	19.1	75	2.3	172	28
26/03/24 20:25	-0.138	4.865	4.727	0.382	18.9	75	2.7	174	21
26/03/24 20:30	-0.071	2.838	2.767	0.345	19.0	75	2.7	175	27
26/03/24 20:35	-0.046	2.249	2.203	0.406	19.1	75	2.4	164	28
26/03/24 20:40	-0.051	1.990	1.939	0.471	19.0	76	2.6	166	25
26/03/24 20:45	-0.130	1.842	1.712	0.563	19.0	76	2.2	168	27
26/03/24 20:50	-0.029	1.730	1.701	0.539	18.9	75	2.4	158	24
26/03/24 20:55	0.078	1.652	1.729	0.516	18.9	75	2.5	160	24
26/03/24 21:00	0.066	1.520	1.586	0.461	18.9	75	1.9	158	30

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/03/24 21:05	0.035	1.452	1.487	0.401	18.8	76	1.9	164	30
26/03/24 21:10	0.127	1.562	1.690	0.349	18.8	75	2.1	166	27
26/03/24 21:15	0.148	1.961	2.109	0.512	18.9	73	2.4	180	16
26/03/24 21:20	0.173	2.523	2.696	0.498	18.9	74	2.4	186	20
26/03/24 21:25	0.156	2.440	2.595	0.442	19.0	73	2.3	179	18
26/03/24 21:30	0.102	2.040	2.142	0.392	19.0	74	2.2	168	24
26/03/24 21:35	0.014	1.643	1.657	0.388	19.0	73	2.6	187	13
26/03/24 21:40	-0.026	1.311	1.285	0.445	19.0	73	3.2	187	11
26/03/24 21:45	-0.051	1.133	1.083	0.435	18.9	74	2.3	179	16
26/03/24 21:50	-0.149	0.991	0.842	0.471	18.9	75	2.4	182	14
26/03/24 21:55	-0.202	0.923	0.722	0.557	18.9	75	2.3	181	18
26/03/24 22:00	-0.072	0.756	0.684	0.602	19.0	75	1.9	167	24
26/03/24 22:05	0.004	0.739	0.742	0.611	18.8	76	2.2	176	18
26/03/24 22:10	0.071	0.680	0.751	0.604	18.9	77	2.4	181	14
26/03/24 22:15	0.098	0.561	0.659	0.482	18.9	78	2.7	188	11
26/03/24 22:20	0.028	0.584	0.611	0.399	18.9	75	3.4	191	11
26/03/24 22:25	0.071	0.630	0.701	0.347	18.8	74	3.0	193	11
26/03/24 22:30	0.166	0.564	0.730	0.313	19.0	75	2.5	187	12
26/03/24 22:35	0.115	0.567	0.682	0.293	18.7	72	3.3	192	10
26/03/24 22:40	0.152	0.673	0.825	0.180	18.7	72	2.8	187	13
26/03/24 22:45	0.168	0.744	0.912	0.146	18.7	72	3.1	190	10
26/03/24 22:50	0.235	0.616	0.851	0.190	18.7	72	2.9	189	10
26/03/24 22:55	0.226	0.593	0.819	0.230	18.7	70	3.2	189	09
26/03/24 23:00	0.245	0.511	0.755	0.153	18.7	72	2.9	188	11
26/03/24 23:05	0.149	0.620	0.769	0.044	18.7	72	2.8	185	13
26/03/24 23:10	0.009	0.772	0.781	-0.043	18.7	72	3.0	187	12
26/03/24 23:15	-0.013	0.873	0.860	-0.111	18.7	71	2.8	185	12
26/03/24 23:20	-0.210	1.129	0.919	-0.026	18.8	72	2.7	186	12
26/03/24 23:25	-0.162	1.191	1.029	0.091	18.7	71	2.4	176	17
26/03/24 23:30	-0.130	1.232	1.102	0.105	18.7	73	2.6	185	12
26/03/24 23:35	-0.177	1.150	0.973	0.025	18.8	72	2.4	184	13
26/03/24 23:40	-0.169	1.053	0.884	0.004	18.8	72	2.3	178	26
26/03/24 23:45	-0.186	1.563	1.377	0.019	18.5	71	1.7	81	16
26/03/24 23:50	-0.081	2.403	2.322		18.3	72	2.0	81	09
26/03/24 23:55	-0.031	2.878	2.847		18.2	72	2.3	99	13
27/03/24 00:00	-0.072	3.183	3.111	0.141	18.2	73	2.2	98	12
27/03/24 00:05	-0.102	3.675	3.573	0.383	18.2	73	2.3	94	10
27/03/24 00:10	-0.084	4.037	3.953	0.608	18.0	75	2.1	96	10
27/03/24 00:15	-0.189	4.390	4.201	0.774	17.9	77	2.0	89	13
27/03/24 00:20	-0.155	4.635	4.480	0.753	17.7	79	2.1	101	11
27/03/24 00:25	-0.147	4.816	4.669	0.842	17.6	79	1.4	97	14
27/03/24 00:30	-0.192	4.914	4.722	0.979	17.6	79	0.3	237	66
27/03/24 00:35	-0.142	4.909	4.767	1.013	17.4	81	1.6	191	21
27/03/24 00:40	-0.102	4.229	4.127	1.063	17.7	83	4.3	194	09
27/03/24 00:45	-0.090	3.276	3.187	1.069	18.0	80	4.4	193	08
27/03/24 00:50	-0.044	2.533	2.490	1.134	18.0	78	4.4	194	08
27/03/24 00:55	0.107	1.989	2.096	1.188	18.0	78	4.0	189	09
27/03/24 01:00	0.162	1.730	1.892	1.156	17.9	77	3.6	191	09
27/03/24 01:05					18.2	79	3.8	197	08
27/03/24 01:10					18.2	80	4.4	202	09
27/03/24 01:15					18.2	81	4.8	208	05
27/03/24 01:20					18.4	82	4.8	213	06
27/03/24 01:25					18.2	82	4.7	214	06
27/03/24 01:30					18.2	82	5.7	218	05
27/03/24 01:35					18.2	82	5.7	218	05
27/03/24 01:40					18.2	82	5.5	211	04
27/03/24 01:45					18.1	82	5.4	207	07
27/03/24 01:50					18.1	82	5.4	209	07
27/03/24 01:55					18.2	81	5.3	212	06
27/03/24 02:00					18.2	81	5.4	213	05
27/03/24 02:05	0.796	1.819	2.614	1.116	18.1	81	5.6	209	05
27/03/24 02:10	0.710	1.311	2.021	1.051	18.1	82	5.4	209	05
27/03/24 02:15	0.812	1.925	2.737	1.008	18.2	82	5.3	208	06
27/03/24 02:20	0.745	2.010	2.754	0.948	18.1	82	5.4	207	05
27/03/24 02:25	0.490	1.124	1.614	0.974	18.1	79	4.7	197	07
27/03/24 02:30	0.391	1.027	1.419	0.917	18.0	76	4.4	198	08
27/03/24 02:35	0.237	0.926	1.163	0.928	18.0	76	3.9	197	07
27/03/24 02:40	0.067	1.002	1.069	0.946	18.0	77	4.0	206	10
27/03/24 02:45	-0.070	0.844	0.775	0.979	18.1	78	3.7	203	09
27/03/24 02:50	-0.100	0.809	0.709	1.031	18.2	80	3.7	210	10
27/03/24 02:55	0.039	0.924	0.964	1.046	18.0	82	4.9	223	06
27/03/24 03:00	0.113	0.792	0.905	1.035	18.0	83	4.8	229	06
27/03/24 03:05	0.166	1.039	1.205	1.095	18.0	83	5.1	240	12
27/03/24 03:10	0.909	3.724	4.633	1.149	17.3	83	5.2	245	05
27/03/24 03:15	2.548	19.763	22.311	1.161	17.0	84	4.6	240	06
27/03/24 03:20	2.934	8.598	11.532	1.176	16.8	85	4.7	238	08
27/03/24 03:25	1.198	4.772	5.970	1.064	16.5	85	4.3	239	06
27/03/24 03:30	0.987	4.876	5.863	1.023	16.5	87	5.2	234	05
27/03/24 03:35	0.752	4.172	4.924	1.123	16.3	87	4.3	230	06
27/03/24 03:40	0.358	4.389	4.747	1.155	16.4	86	4.0	235	06
27/03/24 03:45	0.316	4.697	5.013	1.115	16.3	87	3.8	239	06
27/03/24 03:50	0.293	4.935	5.228	1.072	16.3	86	3.9	243	05
27/03/24 03:55	0.696	5.826	6.522	1.189	16.3	86	3.6	247	06
27/03/24 04:00	2.223	12.467	14.690	1.227	16.5	86	3.2	246	10
27/03/24 04:05	4.051	16.522	20.572	1.184	16.3	85	2.8	256	09
27/03/24 04:10	7.282	15.121	22.404	1.228	16.3	85	2.7	261	11
27/03/24 04:15	10.325	15.947	26.272	1.255	16.3	85	3.4	252	07
27/03/24 04:20	13.952	17.787	31.739	1.344	16.2	85	3.3	252	09
27/03/24 04:25	15.177	19.473	34.650	1.306	16.1	85	2.8	259	11
27/03/24 04:30	14.941	16.574	31.515	1.429	16.0	85	2.9	258	09
27/03/24 04:35	15.220	16.409	31.629	1.374	15.9	84	3.0	256	08
27/03/24 04:40	9.515	9.309	18.824	1.358	15.8	86	3.2	243	09
27/03/24 04:45	3.286	8.283	11.568	1.474	15.7	87	2.8	247	10
27/03/24 04:50	0.983	4.495	5.478	1.483	15.9	88	3.6	245	05
27/03/24 04:55	0.446	4.071	4.517	1.532	16.0	87	3.7	241	05
27/03/24 05:00	0.724	5.021	5.745	1.522	16.1	87	4.5	239	06
27/03/24 05:05	0.592	4.484	5.076	1.461	16.0	86	3.3	249	09
27/03/24 05:10	1.292	6.894	8.186	1.456	15.9	86	2.0	264	21
27/03/24 05:15	5.632	19.480	25.113	1.424	15.8	85	1.8	295	13
27/03/24 05:20	10.592	15.101	25.693	1.371	15.6	84	1.7	307	18
27/03/24 05:25	13.121	14.160	27.280	1.383	15.5	85	2.1	299	13
27/03/24 05:30	16.738	14.766	31.504	1.427	15.5	85	1.9	293	16
27/03/24 05:35	19.315	15.741	35.055	1.519	15.6	86	2.3	273	23
27/03/24 05:40	24.480	19.053	43.533	1.654	15.8	87	2.1	272	20
27/03/24 05:45	24.496	16.104	40.600	1.707	16.0	87	2.3	256	13
27/03/24 05:50	27.726	15.389	43.116	1.716	15.9	87	0.7	252	49
27/03/24 05:55	30.049	15.527	45.576	1.756	15.6	84	1.0	61	20
27/03/24 06:00	29.738	16.191	45.929	1.808	15.4	85	1.0	22	17

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/03/24 06:05	30.343	16.416	46.759	1.864	15.3	86	1.3	328	28
27/03/24 06:10	30.650	16.635	47.285	1.849	15.3	85	1.3	335	28
27/03/24 06:15	31.321	16.955	48.277	1.884	15.3	86	1.6	4	10
27/03/24 06:20	32.284	16.999	49.283	1.946	15.3	86	1.5	356	19
27/03/24 06:25	32.678	16.860	49.537	1.923	15.4	86	0.9	348	28
27/03/24 06:30	32.407	16.805	49.212	1.939	15.5	85	1.6	2	15
27/03/24 06:35	31.363	16.720	48.083	1.846	15.4	86	1.5	23	15
27/03/24 06:40	30.231	16.685	46.917	1.876	15.4	86	1.8	7	10
27/03/24 06:45	28.784	16.437	45.221	1.920	15.5	86	2.4	6	19
27/03/24 06:50	27.310	15.989	43.299	1.892	15.5	87	1.7	334	29
27/03/24 06:55	26.302	15.639	41.941	1.897	15.5	87	1.9	311	09
27/03/24 07:00	26.448	15.551	41.999	1.861	15.5	87	2.2	308	08
27/03/24 07:05	26.032	15.357	41.389	1.965	15.7	88	1.4	293	13
27/03/24 07:10	24.575	15.224	39.799	2.015	15.8	88	1.5	280	16
27/03/24 07:15	23.893	15.117	39.010	1.953	16.0	88	2.0	291	13
27/03/24 07:20	23.002	15.732	38.734	1.885	15.8	86	1.7	311	19
27/03/24 07:25	25.160	14.798	39.957	1.925	15.9	85	1.0	333	25
27/03/24 07:30	25.182	15.238	40.420	2.064	16.0	85	1.1	336	34
27/03/24 07:35	22.014	15.379	37.393	2.083	15.9	85	2.2	307	13
27/03/24 07:40	18.835	14.709	33.544	2.101	15.7	87	2.6	304	07
27/03/24 07:45	20.628	15.042	35.670	2.048	15.6	88	2.6	306	08
27/03/24 07:50	21.620	14.778	36.398	1.990	15.7	88	1.9	307	17
27/03/24 07:55	24.730	14.587	39.317	2.045	15.7	89	0.7	138	47
27/03/24 08:00	27.899	14.807	42.707	2.065	16.0	88	0.9	179	65
27/03/24 08:05	6.508	4.993	11.501	2.069	16.7	87	2.9	198	16
27/03/24 08:10	2.571	2.561	5.132	1.912	17.0	85	2.8	213	09
27/03/24 08:15	6.375	0.392	6.767	1.831	17.2	85	2.5	236	27
27/03/24 08:20	45.078	13.248	58.325	1.825	16.5	84	1.1	333	57
27/03/24 08:25	67.001	17.672	84.673	1.889	16.0	85	0.8	318	41
27/03/24 08:30	66.842	16.955	83.796	2.012	15.9	86	0.6	9	30
27/03/24 08:35	65.657	17.697	83.354	2.063	15.9	87	0.7	10	23
27/03/24 08:40	65.472	17.983	83.455	2.135	16.0	87	0.7	345	20
27/03/24 08:45	64.326	18.068	82.394	2.235	16.1	88	0.9	350	21
27/03/24 08:50	62.280	18.039	80.320	2.329	16.4	87	1.0	341	24
27/03/24 08:55	58.671	17.650	76.321	2.337	16.6	86	1.4	358	21
27/03/24 09:00	49.333	19.111	68.444	2.296	16.8	86	1.5	308	15
27/03/24 09:05	42.602	19.778	62.380	2.265	17.0	84	1.1	299	28
27/03/24 09:10	35.285	18.635	53.920	2.158	17.3	85	0.8	280	32
27/03/24 09:15	24.153	13.411	37.565	2.073	17.7	84	0.8	222	38
27/03/24 09:20	11.069	9.403	20.472	2.024	18.3	81	1.8	187	30
27/03/24 09:25	4.971	4.863	9.834	2.025	18.5	79	4.0	213	08
27/03/24 09:30	1.487	4.048	5.535	1.916	17.9	86	5.3	224	05
27/03/24 09:35	1.147	3.899	5.046	1.952	17.7	87	4.9	227	06
27/03/24 09:40	1.029	3.853	4.882	1.919	17.7	86	4.4	225	08
27/03/24 09:45	1.059	3.896	4.955	1.863	17.6	86	5.5	232	03
27/03/24 09:50	1.084	3.902	4.985	1.837	17.6	86	4.7	225	05
27/03/24 09:55	1.009	3.757	4.766	1.685	17.8	85	4.8	224	07
27/03/24 10:00	0.922	3.558	4.480	1.650	17.8	85	5.3	225	04
27/03/24 10:05	0.979	3.473	4.452	1.619	17.8	84	5.8	222	04
27/03/24 10:10	0.988	3.609	4.597	1.473	17.7	86	4.8	218	08
27/03/24 10:15	0.991	3.826	4.816	1.490	17.6	87	4.4	216	06
27/03/24 10:20	1.182	4.103	5.285	1.581	17.7	86	4.3	218	05
27/03/24 10:25	1.351	4.171	5.522	1.547	17.6	84	3.7	228	08
27/03/24 10:30	1.657	4.313	5.970	1.558	17.6	84	3.1	223	06
27/03/24 10:35	1.945	4.343	6.287	1.736	18.0	83	4.2	216	04
27/03/24 10:40	2.036	4.162	6.199	1.753	18.3	83	3.4	216	07
27/03/24 10:45	2.423	4.320	6.743	1.713	18.5	80	4.2	205	04
27/03/24 10:50	2.530	4.481	7.011	1.677	18.5	78	3.6	204	05
27/03/24 10:55	3.626	4.928	8.554	1.586	18.5	79	3.6	201	07
27/03/24 11:00	3.112	5.111	8.223	1.508	18.5	79	3.0	213	08
27/03/24 11:05	2.945	4.513	7.459	1.539	18.4	80	3.7	208	05
27/03/24 11:10	2.336	3.580	5.916	1.485	18.6	80	3.7	211	05
27/03/24 11:15	2.217	3.257	5.474	1.509	18.6	78	3.6	208	06
27/03/24 11:20	3.705	3.477	7.182	1.552	18.7	77	3.3	205	06
27/03/24 11:25	3.374	6.103	9.478	1.562	18.9	75	3.4	204	06
27/03/24 11:30	3.633	4.037	7.670	1.512	19.0	76	4.3	202	05
27/03/24 11:35	4.301	5.957	10.258	1.596	19.2	74	4.4	200	06
27/03/24 11:40	6.601	10.491	17.093	1.699	19.2	73	3.5	197	07
27/03/24 11:45	7.562	5.121	12.683	1.694	19.4	72	3.8	201	06
27/03/24 11:50	6.660	7.184	13.844	1.654	19.4	72	3.2	196	09
27/03/24 11:55	5.672	4.823	10.495	1.671	19.5	74	3.9	203	07
27/03/24 12:00	5.139	4.883	10.022	1.577	19.3	75	4.4	200	04
27/03/24 12:05	5.831	5.772	11.603	1.587	19.4	76	4.2	202	05
27/03/24 12:10	4.889	3.829	8.718	1.574	19.5	75	4.4	199	09
27/03/24 12:15	4.481	4.948	9.429	1.603	19.7	74	4.4	200	07
27/03/24 12:20	4.507	4.184	8.690	1.532	19.7	73	5.4	201	04
27/03/24 12:25	6.895	7.768	14.663	1.510	19.7	72	5.1	201	07
27/03/24 12:30	5.238	6.115	11.353	1.570	19.8	72	4.3	200	10
27/03/24 12:35	9.663	7.589	17.252	1.625	20.1	68	5.3	198	05
27/03/24 12:40	15.163	8.930	24.092	1.693	19.9	68	5.7	200	05
27/03/24 12:45	8.971	5.155	14.126	1.670	20.0	69	5.4	200	05
27/03/24 12:50	2.962	2.252	5.214	1.658	20.1	68	4.6	199	07
27/03/24 12:55	2.552	2.216	4.769	1.668	20.1	68	4.8	199	08
27/03/24 13:00	2.232	1.981	4.213	1.648	20.4	65	4.3	196	09
27/03/24 13:05	2.056	2.186	4.242	1.590	20.6	65	4.1	195	09
27/03/24 13:10	2.355	2.545	4.900	1.553	20.6	66	4.3	197	08
27/03/24 13:15	2.696	2.753	5.449	1.520	20.8	65	3.9	192	13
27/03/24 13:20	2.698	2.600	5.299	1.513	21.0	64	4.1	191	11
27/03/24 13:25	2.612	2.300	4.912	1.454	21.0	64	3.7	192	12
27/03/24 13:30	3.242	3.200	6.442	1.477	21.1	65	4.0	190	13
27/03/24 13:35	3.914	4.384	8.297	1.494	20.9	66	4.3	189	10
27/03/24 13:40	3.689	1.667	5.357	1.514	20.9	65	4.0	189	13
27/03/24 13:45	2.690	1.118	3.808	1.489	21.0	64	4.1	189	11
27/03/24 13:50	2.437	1.427	3.864	1.369	21.0	63	3.6	190	11
27/03/24 13:55	2.568	1.861	4.430	1.385	21.1	62	3.8	192	13
27/03/24 14:00				1.293	21.2	63	3.5	190	14
27/03/24 14:05	0.657	1.540	2.197	1.383	21.1	63	4.2	190	14
27/03/24 14:10	0.711	1.279	1.990	1.500	21.0	63	3.9	187	12
27/03/24 14:15	0.730	1.538	2.268	1.583	21.0	63	3.9	191	12
27/03/24 14:20	0.861	1.540	2.401	1.511	21.2	64	4.0	190	12
27/03/24 14:25	0.936	1.349	2.284	1.416	21.2	64	4.1	191	12
27/03/24 14:30	1.033	1.319	2.352	1.345	21.2	62	4.3	195	10
27/03/24 14:35	1.051	1.414	2.465	1.399	21.1	62	3.9	189	14
27/03/24 14:40	0.824	1.357	2.181	1.344	21.2	63	4.6	196	09
27/03/24 14:45	2.362	5.788	8.149	1.387	20.9	62	4.4	194	11
27/03/24 14:50	5.167	3.035	8.202	1.328	20.8	63	4.9	194	09
27/03/24 14:55	0.781	0.858	1.639	1.301	20.4	64	5.7	198	06
27/03/24 15:00	0.397	0.577	0.974	1.342	20.2	67	4.9	192	10

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/03/24 15:05	0.257	0.596	0.853	1.334	20.2	68	4.8	194	09
27/03/24 15:10	0.301	0.523	0.824	1.338	20.2	68	6.1	196	06
27/03/24 15:15	0.148	0.448	0.596	1.327	20.0	68	5.5	192	10
27/03/24 15:20	0.176	0.522	0.697	1.328	19.9	68	6.3	196	06
27/03/24 15:25	0.156	0.504	0.660	1.395	19.9	70	5.6	195	09
27/03/24 15:30	0.162	0.549	0.711	1.468	19.8	69	5.9	192	08
27/03/24 15:35	0.393	0.861	1.254	1.495	19.7	69	5.5	196	09
27/03/24 15:40	0.455	0.848	1.303	1.450	19.7	68	5.2	195	09
27/03/24 15:45	0.467	0.760	1.227	1.430	19.8	66	5.4	191	09
27/03/24 15:50	0.366	0.709	1.075	1.319	20.0	67	5.0	191	11
27/03/24 15:55	0.276	0.611	0.887	1.246	20.3	65	5.0	191	08
27/03/24 16:00	0.177	0.561	0.737	1.283	20.3	64	5.2	195	08
27/03/24 16:05	0.040	0.549	0.589	1.326	20.4	63	4.0	188	12
27/03/24 16:10	-0.028	0.589	0.561	1.342	20.4	63	4.5	193	12
27/03/24 16:15	0.018	0.587	0.605	1.324	20.3	60	4.9	189	10
27/03/24 16:20	0.084	0.653	0.736	1.296	20.3	61	4.6	189	14
27/03/24 16:25	0.189	0.757	0.946	1.235	20.2	64	4.8	190	11
27/03/24 16:30	0.432	1.217	1.649	1.177	20.2	63	4.9	195	09
27/03/24 16:35	0.383	1.357	1.739	1.103	19.9	66	4.4	191	11
27/03/24 16:40	0.269	1.228	1.496	1.081	19.7	64	4.8	197	08
27/03/24 16:45	0.276	1.041	1.316	1.118	19.6	66	5.0	194	08
27/03/24 16:50	0.211	0.922	1.133	1.183	19.9	64	4.9	195	09
27/03/24 16:55	0.168	0.757	0.924	1.131	19.9	64	5.6	196	07
27/03/24 17:00	0.272	0.626	0.898	1.146	19.9	65	4.7	193	08
27/03/24 17:05	0.268	0.578	0.846	1.178	20.0	63	4.5	195	09
27/03/24 17:10	0.176	0.533	0.709	1.239	20.0	63	4.4	191	09
27/03/24 17:15	0.170	0.530	0.701	1.098	19.9	63	3.8	192	11
27/03/24 17:20	0.116	0.540	0.657	1.132	20.0	64	3.8	195	09
27/03/24 17:25	0.082	0.544	0.626	1.057	19.9	64	3.8	195	10
27/03/24 17:30	-0.022	0.541	0.519	0.981	19.8	63	4.6	196	09
27/03/24 17:35	-0.064	0.473	0.408	1.098	19.5	65	4.1	195	10
27/03/24 17:40	-0.032	0.498	0.466	1.100	19.5	66	4.2	198	10
27/03/24 17:45	-0.058	0.481	0.423	1.092	19.5	67	4.8	200	07
27/03/24 17:50	0.028	0.577	0.605	1.079	19.3	67	4.0	192	09
27/03/24 17:55	0.639	3.809	4.448	1.174	19.4	67	3.4	192	11
27/03/24 18:00	0.761	2.230	2.991	1.150	19.4	67	4.5	196	08
27/03/24 18:05	0.596	0.800	1.397	1.137	19.1	66	4.3	194	08
27/03/24 18:10	0.817	5.124	5.941	1.155	19.0	69	3.8	196	09
27/03/24 18:15	0.620	4.040	4.659	1.056	18.8	69	3.3	191	10
27/03/24 18:20	0.460	3.158	3.618	1.138	18.6	70	3.4	195	09
27/03/24 18:25	0.251	1.956	2.207	1.169	18.5	69	3.7	193	10
27/03/24 18:30	0.164	1.231	1.395	1.301	18.4	71	3.3	191	08
27/03/24 18:35	0.136	1.670	1.806	1.455	18.4	71	3.8	195	09
27/03/24 18:40	0.227	2.530	2.757	1.458	18.3	70	4.5	195	09
27/03/24 18:45	0.110	2.096	2.206	1.316	18.4	72	5.4	199	08
27/03/24 18:50	0.045	1.476	1.521	1.145	18.4	71	4.7	194	09
27/03/24 18:55	0.090	1.127	1.217	1.109	18.3	72	6.0	196	06
27/03/24 19:00	0.118	0.956	1.074	1.111	18.3	70	5.4	192	08
27/03/24 19:05	0.090	0.813	0.903	1.092	18.3	70	5.4	191	08
27/03/24 19:10	0.120	0.681	0.800	1.109	18.3	70	5.1	195	08
27/03/24 19:15	0.041	0.638	0.679	1.088	18.2	70	4.7	191	08
27/03/24 19:20	0.141	0.668	0.809	1.091	18.3	68	5.2	194	07
27/03/24 19:25	0.179	0.809	0.988	1.182	18.3	69	4.4	187	13
27/03/24 19:30	0.133	1.101	1.234	1.134	18.2	71	4.2	187	10
27/03/24 19:35	0.138	1.065	1.204	1.152	18.2	71	3.7	183	11
27/03/24 19:40	0.041	1.043	1.084	1.284	18.1	70	5.0	187	09
27/03/24 19:45	0.089	0.897	0.986	1.331	18.1	70	4.5	191	11
27/03/24 19:50	0.064	0.774	0.838	1.317	18.2	72	4.0	188	14
27/03/24 19:55	0.077	0.765	0.842	1.312	18.1	72	3.9	183	14
27/03/24 20:00	0.124	0.785	0.909	1.220	18.2	72	3.8	184	14
27/03/24 20:05	0.093	0.782	0.875	1.195	18.3	74	3.0	179	16
27/03/24 20:10	0.084	0.896	0.980	1.209	18.1	72	3.8	180	14
27/03/24 20:15	0.143	0.991	1.134	1.196	18.2	71	4.4	185	11
27/03/24 20:20	0.174	0.869	1.043	1.185	18.1	70	4.6	191	10
27/03/24 20:25	0.142	0.839	0.982	1.143	18.1	70	4.9	189	07
27/03/24 20:30	0.109	0.844	0.953	1.108	18.1	73	3.4	182	16
27/03/24 20:35	0.104	0.920	1.024	1.199	18.2	73	3.6	184	12
27/03/24 20:40	0.015	0.931	0.946	1.283	18.2	74	3.3	183	17
27/03/24 20:45	0.007	0.887	0.894	1.330	18.2	73	3.1	185	15
27/03/24 20:50	0.016	0.910	0.926	1.316	18.1	70	4.4	189	11
27/03/24 20:55	-0.080	0.841	0.760	1.255	18.1	72	3.9	179	14
27/03/24 21:00	-0.020	0.820	0.799	1.158	18.1	72	3.7	183	10
27/03/24 21:05	0.095	0.870	0.965	1.045	18.1	72	2.9	174	19
27/03/24 21:10	0.099	0.962	1.060	1.028	18.2	72	3.0	181	19
27/03/24 21:15	0.131	0.977	1.107	1.002	18.1	72	2.7	171	26
27/03/24 21:20	0.072	0.859	0.932	0.981	18.1	72	3.0	178	17
27/03/24 21:25	0.023	0.759	0.782	0.916	18.2	71	3.0	172	21
27/03/24 21:30	0.058	0.752	0.811	0.974	18.2	71	3.0	175	18
27/03/24 21:35	0.062	0.876	0.938	1.006	18.2	70	2.5	174	22
27/03/24 21:40	0.082	0.851	0.932	1.015	18.2	71	3.3	174	22
27/03/24 21:45	0.159	0.824	0.984	1.039	18.2	70	3.3	177	16
27/03/24 21:50	0.204	0.756	0.960	0.983	18.2	69	3.2	174	21
27/03/24 21:55	0.153	0.659	0.812	0.990	18.2	69	2.8	163	28
27/03/24 22:00	0.143	0.527	0.669	1.042	18.0	70	2.4	164	28
27/03/24 22:05	0.129	0.467	0.596	1.054	18.1	71	2.3	166	28
27/03/24 22:10	0.059	0.451	0.510	1.016	18.1	70	2.9	167	26
27/03/24 22:15	0.057	0.379	0.437	1.007	18.1	69	2.7	175	22
27/03/24 22:20	0.062	0.413	0.475	1.088	18.2	68	2.3	174	22
27/03/24 22:25	0.100	0.419	0.519	1.114	18.2	69	2.8	175	19
27/03/24 22:30	0.152	0.411	0.563	1.113	18.3	69	3.4	179	15
27/03/24 22:35	0.006	0.535	0.541	1.100	18.3	68	2.2	167	31
27/03/24 22:40	-0.100	0.501	0.401	1.109	18.2	71	2.6	172	26
27/03/24 22:45	-0.079	0.547	0.467	1.064	18.2	69	2.5	162	28
27/03/24 22:50	-0.072	0.556	0.483	1.095	18.2	67	3.4	157	23
27/03/24 22:55	-0.047	0.546	0.498	1.146	18.2	68	2.4	168	32
27/03/24 23:00	0.024	0.530	0.553	1.157	18.3	68	2.5	171	24
27/03/24 23:05	-0.116	0.560	0.445	1.121	18.2	65	3.1	156	26
27/03/24 23:10	-0.173	0.568	0.395	1.094	18.2	64	2.2	164	31
27/03/24 23:15	-0.209	0.535	0.326	1.030	18.1	64	3.1	154	26
27/03/24 23:20	-0.199	0.437	0.238	1.024	18.2	65	4.5	144	19
27/03/24 23:25	-0.129	0.435	0.306	1.056	18.2	66	3.3	160	23
27/03/24 23:30	-0.125	0.484	0.359	1.084	18.1	68	3.5	174	23
27/03/24 23:35	-0.123	0.456	0.333	1.169	18.1	68	3.1	182	22
27/03/24 23:40	-0.149	0.433	0.284	1.227	18.0	68	2.6	173	20
27/03/24 23:45	-0.081	0.435	0.353	1.198	18.1	66	3.3	147	21
27/03/24 23:50	-0.059	0.479	0.420		18.0	66	3.8	138	12
27/03/24 23:55	-0.022	0.448	0.426		18.0	66	3.0	141	24
28/03/24 00:00	-0.077	0.387	0.310	1.100	18.0	65	2.4	131	20

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/03/24 00:05	-0.026	0.491	0.465	0.981	18.0	68	2.2	121	18
28/03/24 00:10	0.026	0.578	0.604	0.926	18.0	69	3.1	114	14
28/03/24 00:15	0.046	0.676	0.722	0.822	17.9	69	3.2	110	11
28/03/24 00:20	0.016	0.786	0.802	0.734	17.8	70	3.3	112	11
28/03/24 00:25	-0.078	0.861	0.783	0.739	17.8	71	3.5	112	07
28/03/24 00:30	-0.120	0.928	0.808	0.695	17.7	71	2.8	120	15
28/03/24 00:35	-0.075	0.961	0.886	0.698	17.7	72	3.1	116	11
28/03/24 00:40	-0.004	0.935	0.930	0.637	17.6	72	2.5	117	16
28/03/24 00:45	0.014	0.905	0.919	0.527	17.7	73	2.1	118	19
28/03/24 00:50	-0.053	0.979	0.925	0.601	17.7	72	2.5	118	15
28/03/24 00:55	0.004	1.009	1.013	0.540	17.7	74	2.3	116	13
28/03/24 01:00	0.080	1.058	1.138	0.483	17.6	74	2.6	115	12
28/03/24 01:05					17.6	73	2.6	122	14
28/03/24 01:10					17.5	73	1.8	118	20
28/03/24 01:15					17.5	73	2.3	139	26
28/03/24 01:20					17.4	73	2.1	130	17
28/03/24 01:25					17.4	72	3.1	142	21
28/03/24 01:30					17.6	69	2.5	157	26
28/03/24 01:35					17.7	69	3.3	180	15
28/03/24 01:40					17.8	68	2.7	176	19
28/03/24 01:45					17.8	66	3.3	181	12
28/03/24 01:50					17.9	64	3.1	184	14
28/03/24 01:55					17.8	62	3.8	190	12
28/03/24 02:00					17.7	62	3.3	187	12
28/03/24 02:05	0.097	0.913	1.010	0.463	17.8	65	2.8	186	17
28/03/24 02:10	0.056	1.016	1.072	0.445	17.7	66	2.6	187	15
28/03/24 02:15	0.021	1.061	1.082	0.470	17.8	65	2.4	181	19
28/03/24 02:20	-0.004	0.956	0.952	0.424	17.7	64	2.9	191	13
28/03/24 02:25	-0.039	0.900	0.861	0.321	17.7	63	2.8	190	10
28/03/24 02:30	-0.027	0.933	0.906	0.281	17.7	61	2.6	189	13
28/03/24 02:35	0.005	0.832	0.837	0.309	17.6	64	2.1	168	25
28/03/24 02:40	0.039	0.736	0.775	0.429	17.6	65	1.7	155	28
28/03/24 02:45	-0.032	0.697	0.665	0.393	17.6	67	2.1	185	22
28/03/24 02:50	0.089	0.621	0.710	0.456	17.6	68	2.1	176	21
28/03/24 02:55	0.073	0.570	0.643	0.443	17.6	67	2.8	151	22
28/03/24 03:00	0.046	0.589	0.635	0.383	17.5	67	2.5	151	24
28/03/24 03:05	0.100	0.539	0.639	0.439	17.5	65	2.1	159	29
28/03/24 03:10	-0.004	0.458	0.454	0.453	17.5	66	2.3	165	27
28/03/24 03:15	-0.013	0.508	0.495	0.368	17.6	68	2.5	173	21
28/03/24 03:20	-0.014	0.507	0.493	0.436	17.6	65	2.7	155	22
28/03/24 03:25	-0.082	0.585	0.503	0.500	17.6	68	2.5	176	21
28/03/24 03:30	-0.093	0.583	0.490	0.570	17.6	66	2.5	168	27
28/03/24 03:35	-0.074	0.542	0.468	0.518	17.7	65	3.1	171	23
28/03/24 03:40	-0.097	0.462	0.364	0.452	17.7	63	3.3	168	24
28/03/24 03:45	-0.131	0.486	0.355	0.390	17.7	64	2.3	163	30
28/03/24 03:50	-0.072	0.603	0.531	0.390	17.7	66	3.3	177	17
28/03/24 03:55	-0.055	0.596	0.541	0.502	17.7	64	3.5	180	18
28/03/24 04:00	0.057	0.457	0.515	0.488	17.5	64	2.9	176	20
28/03/24 04:05	0.032	0.542	0.573	0.439	17.6	63	4.4	185	12
28/03/24 04:10	0.083	0.589	0.672	0.491	17.6	63	4.2	191	10
28/03/24 04:15	0.054	0.535	0.589	0.516	17.6	61	4.6	195	09
28/03/24 04:20	0.003	0.542	0.545	0.528	17.6	60	3.8	194	07
28/03/24 04:25	-0.012	0.537	0.524	0.568	17.4	61	2.8	185	12
28/03/24 04:30	46.968	58.002	104.970	0.691	17.5	62	2.0	161	27
28/03/24 04:35	0.020	0.530	0.550	0.774	17.5	63	2.9	149	22
28/03/24 04:40	-0.104	0.383	0.279	0.790	17.4	63	3.3	142	18
28/03/24 04:45	0.021	0.434	0.455	0.750	17.2	67	2.5	122	17
28/03/24 04:50	0.053	0.402	0.455	0.677	17.2	65	3.3	133	12
28/03/24 04:55	0.094	0.294	0.388	0.630	17.2	67	2.9	130	16
28/03/24 05:00	0.085	0.354	0.439	0.667	17.2	66	2.4	120	15
28/03/24 05:05	0.502	0.721	1.223	0.566	17.2	66	3.0	131	16
28/03/24 05:10	0.713	0.828	1.540	0.580	17.3	65	3.8	142	14
28/03/24 05:15	0.425	0.370	0.796	0.529	17.4	65	2.9	150	23
28/03/24 05:20	0.403	0.340	0.743	0.480	17.4	64	2.3	132	25
28/03/24 05:25	0.245	0.373	0.618	0.542	17.3	65	2.5	140	24
28/03/24 05:30	0.199	0.424	0.623	0.593	17.3	64	2.0	155	31
28/03/24 05:35	0.223	0.462	0.685	0.653	17.2	65	2.9	134	16
28/03/24 05:40	0.084	0.546	0.630	0.680	17.2	67	2.6	125	18
28/03/24 05:45	0.103	0.645	0.747	0.678	17.2	67	3.2	117	11
28/03/24 05:50	0.122	0.797	0.919	0.613	17.2	69	3.8	113	09
28/03/24 05:55	0.083	1.161	1.245	0.484	17.2	70	4.2	108	05
28/03/24 06:00	0.079	1.548	1.627	0.398	17.1	70	4.1	111	08
28/03/24 06:05	0.182	2.310	2.492	0.404	17.1	69	3.7	106	08
28/03/24 06:10	0.242	2.957	3.198	0.359	17.0	70	4.4	111	05
28/03/24 06:15	0.226	3.187	3.412	0.396	17.1	70	2.8	117	11
28/03/24 06:20	0.283	3.312	3.595	0.434	16.9	70	2.2	122	18
28/03/24 06:25	1.539	4.848	6.387	0.416	17.0	69	1.9	120	24
28/03/24 06:30	15.484	9.153	24.637	0.343	17.1	71	2.4	114	13
28/03/24 06:35	3.917	4.837	8.754	0.350	17.2	68	2.6	122	15
28/03/24 06:40	0.218	3.450	3.668	0.465	17.1	67	2.5	123	18
28/03/24 06:45	1.268	3.207	4.476	0.437	17.0	68	2.2	120	13
28/03/24 06:50	2.528	3.432	5.959	0.460	17.1	67	2.6	130	16
28/03/24 06:55	3.560	5.611	9.171	0.566	17.2	65	2.6	180	24
28/03/24 07:00	2.321	3.017	5.338	0.656	17.4	64	2.3	178	20
28/03/24 07:05	4.127	6.561	10.688	0.610	17.3	62	1.8	160	26
28/03/24 07:10	4.823	2.653	7.476	0.675	17.3	62	3.3	140	13
28/03/24 07:15	7.166	5.509	12.676	0.725	17.2	63	3.0	141	17
28/03/24 07:20	5.443	6.333	11.776	0.668	17.2	63	3.3	142	19
28/03/24 07:25	4.555	6.999	11.554	0.665	17.3	62	3.9	133	11
28/03/24 07:30	12.740	9.203	21.944	0.575	17.2	63	2.3	147	17
28/03/24 07:35	7.399	5.753	13.152	0.609	17.4	63	2.4	149	19
28/03/24 07:40	7.049	5.548	12.597	0.628	17.3	64	1.5	152	29
28/03/24 07:45	1.167	0.883	2.050	0.600	17.4	63	2.0	166	32
28/03/24 07:50	1.752	4.213	5.965	0.610	17.4	63	2.4	112	13
28/03/24 07:55	6.228	9.308	15.536	0.589	17.5	64	2.2	132	20
28/03/24 08:00	0.935	4.096	5.030	0.517	17.5	63	1.9	121	17
28/03/24 08:05	0.652	3.826	4.478	0.505	17.4	63	2.4	114	08
28/03/24 08:10	0.895	4.659	5.554	0.497	17.5	64	2.8	111	09
28/03/24 08:15	0.819	4.846	5.664	0.564	17.5	63	2.5	116	09
28/03/24 08:20	0.657	4.491	5.148	0.624	17.4	62	3.0	116	17
28/03/24 08:25	6.538	16.552	23.090	0.676	17.5	64	2.3	117	11
28/03/24 08:30	22.568	4.702	27.270	0.679	17.6	62	2.2	117	10
28/03/24 08:35	1.405	4.230	5.635	0.681	17.6	61	2.8	134	15
28/03/24 08:40	0.513	1.839	2.352	0.694	17.5	62	2.5	132	18
28/03/24 08:45	4.319	10.375	14.694	0.628	17.6	63	2.4	132	17
28/03/24 08:50	5.416	7.032	12.448	0.680	17.7	63	2.6	133	17
28/03/24 08:55	6.599	5.730	12.329	0.717	17.6	62	3.6	139	14
28/03/24 09:00	4.861	2.768	7.629	0.716	17.6	61	3.6	136	13

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/03/24 09:05	2.783	3.210	5.993	0.694	17.7	60	3.1	138	16
28/03/24 09:10	3.965	9.045	13.010	0.824	17.8	60	1.8	127	18
28/03/24 09:15	4.641	5.703	10.344	0.811	17.9	58	2.5	131	15
28/03/24 09:20	1.844	2.379	4.223	0.723	18.1	58	1.9	145	23
28/03/24 09:25	1.444	2.562	4.006	0.701	18.1	57	3.0	135	12
28/03/24 09:30	2.263	5.787	8.050	0.757	18.1	58	2.6	127	15
28/03/24 09:35	3.182	6.234	9.416	0.776	18.2	59	2.7	128	17
28/03/24 09:40	4.993	6.895	11.888	0.715	18.3	59	2.6	130	18
28/03/24 09:45	2.135	0.913	3.047	0.718	18.3	59	3.5	140	14
28/03/24 09:50	0.935	0.574	1.509	0.511	18.3	59	1.9	157	21
28/03/24 09:55	0.727	0.622	1.350	0.521	18.5	60	2.0	152	20
28/03/24 10:00	0.586	0.673	1.259	0.527	18.4	58	2.9	138	13
28/03/24 10:05	0.556	0.737	1.293	0.497	18.3	59	2.3	149	23
28/03/24 10:10	0.508	0.828	1.336	0.595	18.5	59	1.7	167	27
28/03/24 10:15	0.662	0.867	1.529	0.578	18.8	57	1.6	153	29
28/03/24 10:20	2.943	22.702	25.645	0.527	18.8	57	2.0	145	22
28/03/24 10:25	7.348	11.536	18.885	0.584	18.8	59	1.6	161	26
28/03/24 10:30	0.906	1.792	2.698	0.570	18.9	59	2.3	148	22
28/03/24 10:35	0.575	1.451	2.027	0.541	18.9	59	2.2	151	26
28/03/24 10:40	0.580	1.075	1.654	0.515	18.7	60	3.1	143	19
28/03/24 10:45	0.424	0.846	1.270	0.563	18.4	61	2.2	152	20
28/03/24 10:50	0.407	1.111	1.518	0.712	18.6	59	1.5	168	28
28/03/24 10:55	0.382	1.027	1.409	0.763	18.9	59	1.7	163	27
28/03/24 11:00	0.305	0.912	1.217	0.676	19.0	58	2.1	170	22
28/03/24 11:05	0.299	0.915	1.214	0.571	19.1	58	2.2	171	19
28/03/24 11:10	0.305	0.859	1.164	0.459	19.3	58	1.9	178	20
28/03/24 11:15	0.335	0.833	1.168	0.481	19.3	59	2.0	182	19
28/03/24 11:20	0.262	0.959	1.221	0.441	19.3	58	2.1	171	21
28/03/24 11:25	0.208	0.841	1.049	0.480	19.3	58	1.8	175	24
28/03/24 11:30	1.057	1.614	2.670	0.448	19.4	58	1.8	169	23
28/03/24 11:35	0.808	1.605	2.414	0.445	19.6	58	1.8	179	19
28/03/24 11:40	0.519	1.374	1.893	0.509	19.9	57	1.9	175	24
28/03/24 11:45	13.949	21.006	34.955	0.628	19.9	56	2.2	173	22
28/03/24 11:50	9.069	8.643	17.712	0.674	19.8	58	1.8	177	23
28/03/24 11:55	9.311	8.605	17.917	0.652	19.9	58	2.5	181	15
28/03/24 12:00	4.907	4.126	9.034	0.677	20.0	58	2.5	193	12
28/03/24 12:05	4.290	5.297	9.587	0.637	19.8	58	3.1	199	08
28/03/24 12:10	2.759	3.277	6.036	0.627	19.4	60	2.7	192	12
28/03/24 12:15	3.038	4.249	7.287	0.593	19.6	60	3.3	200	08
28/03/24 12:20	2.418	3.026	5.444	0.529	19.4	61	2.8	196	11
28/03/24 12:25	1.799	2.308	4.108	0.603	19.2	61	4.3	203	06
28/03/24 12:30	1.258	1.659	2.917	0.616	19.2	62	2.7	196	12
28/03/24 12:35	1.419	2.244	3.663	0.583	19.5	62	3.9	201	07
28/03/24 12:40	1.268	1.800	3.069	0.622	19.1	61	4.7	200	06
28/03/24 12:45	1.090	1.416	2.506	0.650	19.0	61	5.1	202	05
28/03/24 12:50	1.059	1.562	2.621	0.714	19.1	61	3.8	200	05
28/03/24 12:55	1.036	1.724	2.760	0.700	18.8	62	4.1	202	06
28/03/24 13:00	1.189	1.855	3.044	0.574	19.0	63	3.8	201	07
28/03/24 13:05	1.342	2.291	3.633	0.562	19.0	64	4.5	202	06
28/03/24 13:10	1.112	1.469	2.581	0.738	19.0	62	4.6	199	04
28/03/24 13:15	1.127	1.159	2.286	0.695	19.0	62	4.9	200	05
28/03/24 13:20	0.880	0.913	1.793	0.680	19.0	63	4.5	201	05
28/03/24 13:25	0.825	1.011	1.836	0.639	19.1	62	4.8	200	04
28/03/24 13:30	0.772	1.135	1.907	0.582	19.2	64	4.7	202	05
28/03/24 13:35	1.132	1.862	2.994	0.604	19.1	63	4.3	199	08
28/03/24 13:40	1.518	2.445	3.963	0.589	19.5	62	4.6	201	07
28/03/24 13:45	1.428	2.457	3.885	0.626	19.3	63	4.8	203	05
28/03/24 13:50	1.596	0.657	2.254	0.626	19.2	62	4.8	203	04
28/03/24 13:55	0.894	0.240	1.134	0.657	19.0	65	5.0	210	06
28/03/24 14:00	0.566	0.493	1.059	0.651	19.5	62	5.0	199	05
28/03/24 14:05	0.403	0.473	0.876	0.582	19.1	63	4.9	204	06
28/03/24 14:10	0.351	0.551	0.902	0.558	19.5	64	4.8	202	06
28/03/24 14:15	0.433	0.701	1.134	0.485	19.4	63	5.5	202	04
28/03/24 14:20	0.482	0.673	1.155	0.515	19.3	65	5.3	203	05
28/03/24 14:25	0.473	0.682	1.155	0.635	19.3	66	5.1	202	04
28/03/24 14:30	0.384	0.700	1.084	0.699	19.5	65	5.0	201	06
28/03/24 14:35	0.247	0.764	1.011	0.719	19.4	66	5.0	202	06
28/03/24 14:40	0.316	0.870	1.187	0.801	19.8	63	4.5	200	08
28/03/24 14:45	0.321	0.943	1.264	0.840	19.7	65	5.2	201	07
28/03/24 14:50	0.225	0.842	1.068	0.796	19.4	66	5.4	206	06
28/03/24 14:55	0.255	0.739	0.994	0.769	19.4	66	4.9	202	08
28/03/24 15:00	0.289	0.799	1.089	0.635	19.8	63	5.0	200	04
28/03/24 15:05	0.289	0.820	1.109	0.577	19.7	64	5.0	199	05
28/03/24 15:10	0.230	0.838	1.068	0.557	19.4	65	5.3	203	05
28/03/24 15:15	0.169	0.827	0.996	0.636	19.4	65	5.5	201	05
28/03/24 15:20	0.249	0.896	1.145	0.580	19.7	64	5.5	198	05
28/03/24 15:25	0.560	1.112	1.672	0.527	19.8	64	5.5	200	05
28/03/24 15:30	0.617	1.137	1.754	0.595	19.6	65	5.6	199	05
28/03/24 15:35	0.544	1.108	1.652	0.477	19.7	64	4.7	196	09
28/03/24 15:40	0.522	1.039	1.560	0.532	19.6	65	5.5	203	05
28/03/24 15:45	0.451	0.902	1.353	0.440	19.6	65	5.4	200	05
28/03/24 15:50	0.360	0.804	1.164	0.443	19.6	63	4.7	198	05
28/03/24 15:55	0.362	0.804	1.167	0.499	19.6	65	5.1	203	05
28/03/24 16:00	0.294	0.793	1.086	0.502	19.2	67	5.5	208	04
28/03/24 16:05	0.274	0.770	1.044	0.485	19.2	66	5.7	201	05
28/03/24 16:10	0.236	0.711	0.946	0.497	19.2	66	5.2	200	06
28/03/24 16:15	0.186	0.750	0.936	0.433	19.5	65	5.5	200	06
28/03/24 16:20	0.285	0.949	1.234	0.402	19.1	66	5.5	203	07
28/03/24 16:25	0.309	0.765	1.074	0.493	19.3	67	5.7	204	05
28/03/24 16:30	0.218	0.658	0.876	0.575	19.0	67	6.4	207	04
28/03/24 16:35	0.104	0.559	0.663	0.516	18.9	68	6.0	204	05
28/03/24 16:40	0.106	0.462	0.568	0.526	19.1	68	6.3	202	05
28/03/24 16:45	0.134	0.457	0.591	0.606	19.3	66	5.9	203	06
28/03/24 16:50	0.137	0.483	0.620	0.631	19.2	68	5.8	207	05
28/03/24 16:55	0.142	0.471	0.613	0.584	19.3	67	5.6	201	05
28/03/24 17:00	0.146	0.491	0.637	0.543	19.4	66	6.1	201	05
28/03/24 17:05	0.178	0.556	0.734	0.558	19.4	67	6.1	201	06
28/03/24 17:10	0.178	0.452	0.630	0.582	19.3	68	6.7	201	05
28/03/24 17:15	2.712	10.940	13.652	0.674	19.3	69	6.3	202	06
28/03/24 17:20	1.113	0.421	1.534	0.700	19.2	71	6.8	204	06
28/03/24 17:25	0.411	0.700	1.111	0.837	19.1	68	6.5	200	05
28/03/24 17:30	0.118	1.203	1.321	0.777	19.1	71	6.9	204	06
28/03/24 17:35	0.262	1.917	2.179	0.827	19.1	69	6.1	204	06
28/03/24 17:40	0.287	1.508	1.795	0.838	18.9	72	6.4	203	05
28/03/24 17:45	0.315	1.193	1.507	0.733	19.1	69	5.4	198	08
28/03/24 17:50	0.342	1.003	1.345	0.711	19.0	71	6.1	201	05
28/03/24 17:55	0.268	0.870	1.138	0.656	19.0	71	5.4	198	09
28/03/24 18:00	0.152	0.783	0.935	0.691	19.0	69	5.7	199	08

Station Pier Ambient Air Quality Monitoring

March 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/03/24 18:05	0.023	0.710	0.733	0.667	18.8	70	5.3	195	07
28/03/24 18:10	0.026	0.695	0.720	0.671	18.8	72	5.6	199	06
28/03/24 18:15	-0.030	0.745	0.715	0.665	18.7	74	6.0	199	06
28/03/24 18:20	-0.026	0.820	0.794	0.729	18.5	72	4.8	193	08
28/03/24 18:25	0.055	0.744	0.799	0.790	18.4	73	4.7	197	09
28/03/24 18:30	0.195	0.749	0.943	0.762	18.5	73	4.1	192	09
28/03/24 18:35	0.278	0.668	0.947	0.732	18.4	72	4.9	195	08
28/03/24 18:40	0.194	0.616	0.809	0.752	18.3	73	4.6	194	10
28/03/24 18:45	0.199	0.504	0.703	0.651	18.3	74	4.5	192	12
28/03/24 18:50	0.008	0.505	0.513	0.603	18.3	72	4.0	187	11
28/03/24 18:55	-0.059	0.484	0.424	0.511	18.2	73	4.1	194	09
28/03/24 19:00	-0.079	0.447	0.369	0.394	18.2	74	4.5	191	10
28/03/24 19:05	0.009	0.462	0.471	0.329	18.2	74	4.1	192	10
28/03/24 19:10	-0.002	0.531	0.529	0.282	18.2	74	4.1	187	12
28/03/24 19:15	-0.019	0.690	0.670	0.293	18.2	74	4.1	187	09
28/03/24 19:20	-0.045	0.791	0.746	0.237	18.2	74	4.2	188	11
28/03/24 19:25	-0.045	1.000	0.956	0.231	18.2	74	4.1	186	12
28/03/24 19:30	-0.109	1.188	1.079	0.220	18.1	74	4.0	188	10
28/03/24 19:35	-0.134	2.185	2.051	0.125	18.1	75	3.8	188	11
28/03/24 19:40	-0.088	2.855	2.767	0.167	18.2	75	4.3	187	11
28/03/24 19:45	-0.082	2.317	2.235	0.298	18.2	75	3.7	183	14
28/03/24 19:50	-0.114	2.300	2.185	0.359	18.3	77	3.1	175	21
28/03/24 19:55	-0.117	2.076	1.959	0.352	18.2	72	3.9	133	14
28/03/24 20:00	-0.052	1.775	1.723	0.374	18.0	72	3.1	129	17
28/03/24 20:05	-0.029	1.577	1.548	0.425	18.0	72	2.3	127	17
28/03/24 20:10	-0.080	1.829	1.748	0.425	17.9	73	2.0	118	22
28/03/24 20:15	-0.072	2.033	1.960	0.555	17.9	74	2.4	118	15
28/03/24 20:20	-0.065	2.104	2.039	0.567	17.8	74	2.2	126	19
28/03/24 20:25	0.010	2.134	2.145	0.467	17.6	74	2.8	130	17
28/03/24 20:30	0.096	2.051	2.147	0.421	17.6	75	3.3	132	12
28/03/24 20:35	0.130	1.876	2.006	0.369	17.5	74	3.1	131	15
28/03/24 20:40	0.134	1.638	1.773	0.406	17.4	75	3.1	128	13
28/03/24 20:45	0.077	1.460	1.537	0.356	17.3	75	2.8	132	16
28/03/24 20:50	0.066	1.253	1.319	0.393	17.4	77	2.5	130	16
28/03/24 20:55	0.044	1.079	1.124	0.404	17.4	76	2.9	130	11
28/03/24 21:00	0.079	0.924	1.003	0.493	17.4	77	2.3	127	19
28/03/24 21:05	0.049	0.872	0.922	0.624	17.4	77	2.1	153	26
28/03/24 21:10	0.039	0.791	0.830	0.629	17.4	77	2.2	165	24
28/03/24 21:15	-0.011	0.710	0.699	0.630	17.4	76	2.4	150	23
28/03/24 21:20	-0.068	0.651	0.582	0.618	17.4	77	2.0	151	25
28/03/24 21:25	-0.091	0.545	0.454	0.566	17.4	77	2.6	148	19
28/03/24 21:30	-0.080	0.558	0.479	0.651	17.4	78	2.3	160	23
28/03/24 21:35	-0.055	0.549	0.494	0.606	17.4	78	2.5	148	21
28/03/24 21:40	-0.001	0.526	0.525	0.580	17.4	78	2.1	144	24
28/03/24 21:45	-0.029	0.585	0.556	0.488	17.3	78	2.9	137	14
28/03/24 21:50	-0.020	0.650	0.630	0.554	17.3	79	2.2	130	19
28/03/24 21:55	0.041	0.761	0.803	0.518	17.3	79	1.6	121	18
28/03/24 22:00	1.088	1.443	2.531	0.533	17.2	81	1.2	115	28
28/03/24 22:05	-0.053	1.467	1.414	0.674	17.3	79	1.8	129	20
28/03/24 22:10	0.033	1.173	1.206	0.658	17.2	80	1.6	127	21
28/03/24 22:15	0.025	1.221	1.246	0.625	17.2	80	1.2	118	21
28/03/24 22:20	0.121	1.206	1.326	0.585	17.1	79	1.6	119	18
28/03/24 22:25	0.131	1.206	1.337	0.530	17.1	79	1.7	123	16
28/03/24 22:30	0.118	1.145	1.263	0.583	17.0	79	1.7	121	15
28/03/24 22:35	0.150	1.212	1.362	0.626	17.0	79	1.4	116	17
28/03/24 22:40	0.140	1.232	1.372	0.634	17.0	80	1.6	118	14
28/03/24 22:45	0.053	1.398	1.451	0.714	16.9	79	1.3	108	13
28/03/24 22:50	0.009	1.885	1.894	0.716	16.8	79	1.2	101	14
28/03/24 22:55	-0.103	2.356	2.254	0.732	16.6	79	1.2	96	12
28/03/24 23:00	-0.189	2.671	2.482	0.762	16.6	79	1.2	101	08
28/03/24 23:05	-0.080	2.961	2.881	0.763	16.5	80	1.3	109	16
28/03/24 23:10	-0.021	3.148	3.127	0.655	16.6	80	1.3	103	11
28/03/24 23:15	-0.072	3.427	3.354	0.642	16.4	80	1.2	104	13
28/03/24 23:20	-0.104	3.605	3.501	0.584	16.4	81	1.3	114	20
28/03/24 23:25	-0.089	3.707	3.619	0.667	16.4	80	1.3	96	12
28/03/24 23:30	-0.071	4.028	3.956	0.649	16.5	81	1.1	112	23
28/03/24 23:35	-0.074	4.135	4.061	0.737	16.4	81	1.1	89	16
28/03/24 23:40	0.096	4.497	4.593	0.754	16.4	81	1.0	76	17
28/03/24 23:45	1.006	5.797	6.803	0.712	16.3	81	0.9	63	14
28/03/24 23:50	0.863	7.764	8.627		16.0	81	0.9	73	14
28/03/24 23:55	0.641	7.365	8.006		15.9	81	1.1	79	10
29/03/24 00:00	0.517	6.890	7.407	0.714	15.9	81	1.2	72	12
29/03/24 00:05	0.442	6.923	7.365	0.708	15.9	81	1.1	63	10
29/03/24 00:10	0.535	7.427	7.962	0.799	15.8	81	1.1	57	09
29/03/24 00:15	0.935	8.615	9.550	0.813	15.8	81	1.1	53	07
29/03/24 00:20	1.241	10.126	11.367	0.808	15.7	81	1.1	56	08
29/03/24 00:25	1.481	11.418	12.899	0.755	15.7	81	1.1	49	10
29/03/24 00:30	1.581	11.626	13.207	0.683	15.6	81	1.4	39	05
29/03/24 00:35	1.795	12.083	13.878	0.747	15.7	82	1.4	38	05
29/03/24 00:40	2.202	12.477	14.679	0.765	15.6	82	1.3	36	07
29/03/24 00:45	2.791	14.179	16.969	0.811	15.6	82	1.4	45	08
29/03/24 00:50	2.287	9.508	11.795	0.842	15.7	82	1.1	60	11
29/03/24 00:55	1.865	7.522	9.387	0.946	15.7	83	1.1	75	15
29/03/24 01:00	1.480	7.850	9.330	0.944	15.8	83	1.2	88	15
29/03/24 01:05					16.0	83	1.8	96	11
29/03/24 01:10					16.2	82	2.1	101	09
29/03/24 01:15					16.2	80	2.0	95	13
29/03/24 01:20					16.3	80	1.7	106	16
29/03/24 01:25					16.3	80	1.6	98	14
29/03/24 01:30					16.2	80	1.7	96	09
29/03/24 01:35					16.2	80	1.9	96	10
29/03/24 01:40					16.2	79	1.7	91	10
29/03/24 01:45					16.1	79	1.5	96	15
29/03/24 01:50					16.0	79	1.7	91	11
29/03/24 01:55					15.9	80	1.6	91	11
29/03/24 02:00					15.7	80	1.4	87	13
29/03/24 02:05	0.731	5.970	6.701	0.848	15.6	81	0.8	66	15
29/03/24 02:10	0.529	5.508	6.037	0.970	15.6	81	0.7	60	10
29/03/24 02:15	0.423	5.257	5.680	0.951	15.5	81	0.6	42	16
29/03/24 02:20	0.309	5.195	5.504	0.978	15.4	82	0.7	57	24
29/03/24 02:25	0.311	5.301	5.612	0.965	15.4	82	0.8	95	19
29/03/24 02:30	0.209	5.146	5.354	0.940	15.4	82	0.6	86	20
29/03/24 02:35	0.251	5.246	5.498	0.935	15.2	84	0.9	143	25
29/03/24 02:40	0.246	4.976	5.223	0.894	15.5	85	1.9	140	13
29/03/24 02:45	0.172	4.862	5.035	0.938	15.5	85	1.6	131	14
29/03/24 02:50	0.068	4.800	4.867	1.102	15.4	85	1.1	143	19
29/03/24 02:55	0.077	4.678	4.754	1.177	15.3	86	0.7	162	22
29/03/24 03:00	0.125	4.460	4.585	1.130	15.3	86	0.7	185	23

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/03/24 03:05	0.166	4.212	4.377	1.089	15.3	86	0.5	275	71
29/03/24 03:10	0.117	4.459	4.576	1.164	15.0	85	1.3	357	11
29/03/24 03:15	0.080	4.979	5.059	1.229	14.8	86	1.8	9	03
29/03/24 03:20	0.101	5.599	5.701	1.174	14.6	86	1.5	7	06
29/03/24 03:25	0.179	6.225	6.404	1.096	14.4	87	1.0	1	13
29/03/24 03:30	0.551	7.281	7.831	1.074	14.2	88	1.2	346	09
29/03/24 03:35	0.549	7.610	8.160	1.038	14.4	88	1.2	343	09
29/03/24 03:40	0.544	8.071	8.615	1.028	14.5	88	1.1	333	12
29/03/24 03:45	0.527	9.084	9.611	0.999	14.7	87	1.0	324	18
29/03/24 03:50	0.567	10.029	10.595	0.949	14.6	86	1.4	322	14
29/03/24 03:55	0.626	10.957	11.584	0.949	14.9	85	1.7	320	09
29/03/24 04:00	0.642	11.770	12.413	0.977	15.0	84	1.9	321	10
29/03/24 04:05	0.732	12.496	13.228	0.967	15.0	83	2.1	319	08
29/03/24 04:10	0.704	13.014	13.719	0.951	15.0	83	2.3	315	07
29/03/24 04:15	0.682	13.262	13.944	0.947	15.0	84	2.1	311	09
29/03/24 04:20	0.712	13.126	13.838	0.834	15.0	84	2.1	307	09
29/03/24 04:25	0.511	12.953	13.464	0.793	15.1	85	1.5	313	12
29/03/24 04:30	0.458	12.810	13.268	0.936	15.1	84	2.1	315	07
29/03/24 04:35	0.449	12.595	13.044	1.004	15.0	84	2.3	315	08
29/03/24 04:40	0.369	12.491	12.860	1.008	14.9	84	2.4	316	08
29/03/24 04:45	0.505	12.440	12.945	1.117	14.9	85	2.5	314	07
29/03/24 04:50	0.498	12.295	12.793	1.066	14.8	85	2.3	314	10
29/03/24 04:55	0.561	12.149	12.710	1.084	14.8	85	1.8	318	12
29/03/24 05:00	0.601	12.123	12.724	1.196	15.0	86	1.8	319	13
29/03/24 05:05	0.643	12.190	12.834	1.276	14.8	85	1.9	317	09
29/03/24 05:10	0.667	12.523	13.189	1.297	14.9	86	1.4	325	13
29/03/24 05:15	1.883	13.306	15.189	1.232	14.8	86	1.4	316	11
29/03/24 05:20	3.160	15.054	18.214	1.192	14.8	86	1.7	316	12
29/03/24 05:25	3.686	16.208	19.894	1.252	14.9	86	1.5	319	12
29/03/24 05:30	3.750	16.183	19.933	1.095	14.9	86	1.5	320	15
29/03/24 05:35	3.359	15.688	19.047	1.043	14.8	86	1.3	337	16
29/03/24 05:40	2.998	15.207	18.205	1.049	14.7	86	1.1	352	21
29/03/24 05:45	3.509	15.420	18.929	1.051	14.7	87	1.0	335	12
29/03/24 05:50	5.737	17.293	23.030	1.043	14.6	86	0.9	349	24
29/03/24 05:55	13.818	20.466	34.284	1.024	14.6	87	0.6	347	19
29/03/24 06:00	16.967	18.005	34.972	1.054	14.3	87	0.9	339	19
29/03/24 06:05	18.844	17.027	35.871	1.100	14.4	87	0.9	356	22
29/03/24 06:10	25.215	13.972	39.187	1.074	14.3	87	1.2	1	15
29/03/24 06:15	29.498	17.290	46.788	1.047	14.3	87	1.2	359	20
29/03/24 06:20	33.501	20.472	53.973	1.068	14.4	86	1.4	359	14
29/03/24 06:25	35.214	20.872	56.086	1.162	14.3	86	0.9	351	20
29/03/24 06:30	34.170	20.723	54.893	1.160	14.3	86	1.0	341	25
29/03/24 06:35	33.269	20.162	53.431	1.154	14.3	86	1.4	335	18
29/03/24 06:40	29.067	21.244	50.311	1.232	14.5	85	1.2	341	30
29/03/24 06:45	25.416	20.674	46.091	1.226	14.4	85	0.9	348	23
29/03/24 06:50	23.212	18.761	41.973	1.164	14.5	86	1.0	337	23
29/03/24 06:55	22.128	17.766	39.894	1.067	14.4	85	1.0	359	19
29/03/24 07:00	20.824	17.698	38.521	1.060	14.2	85	1.2	5	09
29/03/24 07:05	19.887	17.263	37.149	1.055	14.2	85	1.1	355	20
29/03/24 07:10	18.015	16.730	34.745	1.057	14.5	84	0.9	355	20
29/03/24 07:15	16.147	14.960	31.107	1.006	14.7	83	1.3	10	13
29/03/24 07:20	15.087	15.406	30.492	1.003	14.8	82	1.0	2	18
29/03/24 07:25	14.019	15.565	29.584	1.056	15.1	82	0.7	12	24
29/03/24 07:30	13.485	15.312	28.797	1.205	15.3	81	0.7	9	21
29/03/24 07:35	13.264	15.167	28.432	1.225	15.6	80	0.7	33	26
29/03/24 07:40	13.623	14.915	28.538	1.199	15.6	78	0.9	45	14
29/03/24 07:45	14.281	14.604	28.885	1.185	15.6	78	1.0	45	11
29/03/24 07:50	14.967	14.368	29.335	1.280	15.6	77	0.9	45	16
29/03/24 07:55	15.252	14.198	29.450	1.221	15.8	77	0.7	54	19
29/03/24 08:00	15.058	14.025	29.083	1.241	16.1	76	0.9	49	15
29/03/24 08:05	14.874	13.853	28.727	1.253	16.2	75	0.6	46	18
29/03/24 08:10	14.919	13.810	28.729	1.192	16.5	74	1.0	49	16
29/03/24 08:15	14.783	13.701	28.484	1.168	16.7	74	0.8	32	34
29/03/24 08:20	14.255	13.666	27.921	1.347	16.7	73	1.6	57	13
29/03/24 08:25	14.277	13.531	27.808	1.433	16.6	73	1.0	60	18
29/03/24 08:30	14.027	13.457	27.483	1.408	16.8	72	1.4	65	16
29/03/24 08:35	13.886	13.453	27.339	1.435	17.0	71	1.5	74	12
29/03/24 08:40	13.991	13.418	27.409	1.437	17.0	71	1.5	60	11
29/03/24 08:45	14.388	13.289	27.677	1.528	17.2	71	1.2	42	27
29/03/24 08:50	13.638	13.194	26.832	1.525	17.7	70	1.9	43	14
29/03/24 08:55	12.487	12.942	25.429	1.580	17.7	70	2.3	32	13
29/03/24 09:00	11.053	12.308	23.361	1.606	17.7	70	1.8	26	18
29/03/24 09:05	10.497	11.848	22.344	1.616	18.0	68	1.6	52	27
29/03/24 09:10	12.342	13.701	26.042	1.649	18.2	67	1.6	52	18
29/03/24 09:15	13.477	14.071	27.548	1.643	18.4	66	1.2	49	26
29/03/24 09:20	13.792	13.918	27.710	1.630	19.0	65	1.3	63	32
29/03/24 09:25	11.810	12.424	24.235	1.712	19.3	63	1.5	20	31
29/03/24 09:30	5.490	8.218	13.707	1.743	19.4	63	1.4	19	26
29/03/24 09:35	4.688	9.305	13.993	1.771	19.6	63	1.3	358	27
29/03/24 09:40	5.277	9.760	15.037	1.694	19.7	62	1.6	27	34
29/03/24 09:45	5.397	10.177	15.574	1.694	20.0	61	1.1	19	42
29/03/24 09:50	5.417	10.307	15.724	1.722	20.4	60	1.5	19	28
29/03/24 09:55	5.293	10.430	15.723	1.780	20.6	59	0.6	17	61
29/03/24 10:00	5.173	10.415	15.588	1.848	21.0	58	0.5	9	63
29/03/24 10:05	4.951	10.264	15.215	1.845	21.3	56	2.0	10	20
29/03/24 10:10	4.739	10.074	14.813	1.933	21.4	56	1.1	341	44
29/03/24 10:15	4.429	10.016	14.444	1.958	21.7	55	0.8	7	47
29/03/24 10:20	4.170	9.912	14.083	1.955	22.1	53	2.1	28	21
29/03/24 10:25	3.935	9.701	13.636	2.006	22.5	52	1.6	36	28
29/03/24 10:30	3.716	9.519	13.235	2.134	22.7	51	2.1	29	12
29/03/24 10:35	3.536	9.595	13.130	2.087	23.0	50	2.1	31	20
29/03/24 10:40	3.250	9.403	12.654	1.921	23.3	49	2.5	32	18
29/03/24 10:45	2.993	9.164	12.157	1.817	23.6	47	2.4	35	13
29/03/24 10:50	2.732	8.786	11.518	1.751	24.0	46	2.0	27	22
29/03/24 10:55	2.466	8.347	10.813	1.815	24.5	44	1.4	35	23
29/03/24 11:00	2.252	8.020	10.272	1.795	24.8	44	0.8	15	46
29/03/24 11:05	2.016	7.685	9.701	1.838	24.7	43	1.3	358	25
29/03/24 11:10	1.827	7.429	9.256	1.748	24.8	43	0.1	56	90
29/03/24 11:15	1.696	7.298	8.993	1.613	25.4	41	1.5	15	41
29/03/24 11:20	1.441	6.804	8.246	1.546	25.9	37	2.6	10	34
29/03/24 11:25	1.151	5.986	7.137	1.510	25.5	37	2.4	349	26
29/03/24 11:30	1.008	5.322	6.329	1.523	25.6	37	2.1	301	29
29/03/24 11:35	0.928	4.767	5.695	1.547	25.6	36	2.1	329	34
29/03/24 11:40	0.977	4.500	5.477	1.461	25.8	35	2.9	302	16
29/03/24 11:45	0.879	4.264	5.143	1.423	25.7	35	2.5	302	24
29/03/24 11:50	0.765	4.103	4.868	1.353	25.9	35	1.7	317	33
29/03/24 11:55	0.680	3.983	4.663	1.337	26.2	34	2.1	347	39
29/03/24 12:00	0.589	3.802	4.391	1.289	26.4	33	2.1	327	35

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/03/24 12:05	0.453	3.621	4.074	1.275	26.4	34	2.2	327	41
29/03/24 12:10	0.424	3.600	4.024	1.237	26.8	32	1.8	4	39
29/03/24 12:15	0.374	3.525	3.900	1.242	26.9	32	1.5	346	41
29/03/24 12:20	0.483	3.794	4.278	1.290	25.1	52	3.2	218	31
29/03/24 12:25	0.690	4.429	5.119	1.347	23.1	64	0.2	286	87
29/03/24 12:30	0.861	4.977	5.838	1.343	23.0	65	3.6	184	19
29/03/24 12:35	1.034	5.266	6.300	1.369	23.0	65	3.8	178	13
29/03/24 12:40	1.003	5.633	6.637	1.355	22.8	67	2.7	177	19
29/03/24 12:45	0.945	5.933	6.878	1.297	22.1	69	4.1	195	11
29/03/24 12:50	0.901	5.793	6.694	1.388	22.2	69	2.6	182	17
29/03/24 12:55	0.742	5.564	6.306	1.362	22.5	68	2.9	170	15
29/03/24 13:00	0.642	5.451	6.093	1.342	22.6	67	3.3	169	19
29/03/24 13:05	0.618	5.251	5.869	1.302	22.5	69	2.8	168	18
29/03/24 13:10	0.605	4.915	5.520	1.364	22.6	68	2.6	179	21
29/03/24 13:15	0.615	4.601	5.216	1.364	22.6	69	2.8	182	17
29/03/24 13:20	0.535	4.465	5.000	1.326	22.7	68	1.8	168	30
29/03/24 13:25	0.449	4.346	4.795	1.277	22.7	68	2.8	166	21
29/03/24 13:30	0.399	4.239	4.639	1.357	22.5	69	2.4	167	24
29/03/24 13:35	0.475	4.376	4.851	1.405	22.6	69	1.0	170	41
29/03/24 13:40	0.410	4.200	4.610	1.441	22.5	69	1.8	155	29
29/03/24 13:45	0.416	4.130	4.546	1.412	22.4	70	1.8	156	35
29/03/24 13:50	0.350	3.995	4.345	1.406	22.4	72	2.6	189	20
29/03/24 13:55	0.278	3.937	4.215	1.369	22.3	71	3.0	192	17
29/03/24 14:00	0.322	3.869	4.192	1.322	22.0	72	3.5	194	12
29/03/24 14:05	0.468	3.935	4.403	1.406	22.4	71	2.7	184	14
29/03/24 14:10	0.563	4.221	4.784	1.370	22.7	71	2.4	179	17
29/03/24 14:15	0.621	4.735	5.356	1.319	22.8	69	2.7	182	15
29/03/24 14:20	0.643	5.319	5.962	1.411	23.0	69	2.4	168	22
29/03/24 14:25	0.752	5.485	6.237	1.503	23.1	68	1.8	162	30
29/03/24 14:30	0.747	5.486	6.234	1.508	23.3	67	1.4	161	26
29/03/24 14:35	0.696	5.651	6.346	1.490	23.7	65	1.3	165	29
29/03/24 14:40	0.640	5.777	6.417	1.458	24.1	64	1.1	164	35
29/03/24 14:45	0.668	6.027	6.695	1.469	24.3	63	1.4	173	30
29/03/24 14:50	0.715	6.006	6.721	1.471	24.1	63	1.7	167	25
29/03/24 14:55	0.732	5.949	6.681	1.426	24.2	62	1.4	165	28
29/03/24 15:00	0.681	5.741	6.423	1.421	24.2	63	1.1	168	37
29/03/24 15:05	0.619	6.037	6.656	1.457	24.2	63	1.3	166	30
29/03/24 15:10	0.646	6.293	6.939	1.527	24.0	64	1.1	162	32
29/03/24 15:15	0.707	6.219	6.926	1.486	23.9	64	1.8	149	26
29/03/24 15:20	0.763	6.065	6.828	1.471	23.6	66	1.5	151	32
29/03/24 15:25	0.676	5.992	6.668	1.426	23.7	66	2.2	147	21
29/03/24 15:30	0.557	5.878	6.435	1.444	23.4	67	1.3	161	33
29/03/24 15:35	0.509	5.496	6.005	1.440	23.4	67	1.6	145	22
29/03/24 15:40	0.580	5.224	5.805	1.297	23.5	66	1.7	147	22
29/03/24 15:45	0.544	5.011	5.555	1.338	23.5	66	1.7	143	25
29/03/24 15:50	0.501	4.655	5.156	1.409	23.4	66	1.4	153	29
29/03/24 15:55	0.349	4.396	4.746	1.372	23.5	66	1.0	177	37
29/03/24 16:00	0.324	4.247	4.571	1.355	24.0	64	0.8	172	46
29/03/24 16:05	0.428	4.088	4.516	1.317	24.0	63	1.5	149	31
29/03/24 16:10	0.476	3.693	4.169	1.302	23.7	64	1.0	168	35
29/03/24 16:15	0.450	3.407	3.858	1.298	23.7	64	0.9	162	38
29/03/24 16:20	0.331	3.058	3.389	1.348	23.6	65	1.0	165	40
29/03/24 16:25	0.233	2.830	3.063	1.372	23.6	65	1.0	161	37
29/03/24 16:30	0.295	2.990	3.285	1.306	23.6	65	1.0	153	37
29/03/24 16:35	0.293	3.101	3.393	1.285	23.5	66	0.8	169	42
29/03/24 16:40	0.258	2.942	3.200	1.236	23.6	67	1.6	168	21
29/03/24 16:45	0.261	3.173	3.434	1.177	23.5	67	1.6	184	23
29/03/24 16:50	0.222	3.413	3.635	1.151	23.7	66	1.7	184	20
29/03/24 16:55	0.141	3.177	3.318	1.160	24.0	67	1.7	178	18
29/03/24 17:00	0.008	2.900	2.909	1.193	24.0	66	1.7	171	22
29/03/24 17:05	-0.009	2.833	2.824	1.188	24.1	67	1.7	164	20
29/03/24 17:10	-0.003	2.763	2.760	1.176	24.0	67	1.5	180	23
29/03/24 17:15	-0.024	2.685	2.661	1.238	24.1	67	1.7	186	17
29/03/24 17:20	0.056	3.387	3.443	1.281	23.8	65	2.5	190	15
29/03/24 17:25	0.157	4.244	4.400	1.247	23.5	66	2.8	197	14
29/03/24 17:30	0.181	3.610	3.791	1.152	23.1	68	3.4	198	09
29/03/24 17:35	0.104	3.034	3.138	1.147	22.6	72	3.0	194	14
29/03/24 17:40	-0.060	3.414	3.354	1.166	22.4	74	2.6	183	15
29/03/24 17:45	-0.138	3.790	3.651	1.152	21.9	76	2.8	188	12
29/03/24 17:50	-0.050	4.017	3.967	1.150	21.7	78	2.5	194	12
29/03/24 17:55	0.002	3.886	3.887	1.186	21.6	77	2.8	186	15
29/03/24 18:00	0.099	3.671	3.770	1.101	21.3	79	2.9	184	16
29/03/24 18:05	0.186	3.448	3.635	1.069	21.0	79	3.4	186	15
29/03/24 18:10	0.099	3.068	3.167	1.096	20.8	80	3.4	187	13
29/03/24 18:15	0.090	2.734	2.823	1.151	20.7	80	3.1	189	12
29/03/24 18:20	0.056	2.473	2.529	1.104	20.6	78	2.8	190	13
29/03/24 18:25	-0.018	3.434	3.415	1.130	20.4	79	2.3	195	14
29/03/24 18:30	-0.076	3.870	3.794	1.056	20.4	79	2.0	169	24
29/03/24 18:35	-0.074	2.950	2.877	1.144	20.3	80	3.1	204	08
29/03/24 18:40	0.034	2.318	2.351	1.160	20.2	79	3.3	191	11
29/03/24 18:45	0.130	2.054	2.184	1.144	20.3	80	3.3	195	10
29/03/24 18:50	0.141	2.091	2.232	1.090	20.4	80	3.7	199	07
29/03/24 18:55	0.094	2.063	2.157	1.086	20.3	82	4.4	204	06
29/03/24 19:00	0.057	1.924	1.981	0.989	20.2	82	4.6	206	06
29/03/24 19:05	-0.035	1.901	1.867	0.978	20.3	82	4.5	210	05
29/03/24 19:10	0.004	1.866	1.870	0.958	20.3	81	4.9	207	05
29/03/24 19:15	-0.069	1.956	1.887	1.061	20.2	81	5.0	209	04
29/03/24 19:20	-0.024	1.981	1.957	1.146	20.2	83	4.3	223	03
29/03/24 19:25	0.050	1.881	1.931	1.199	20.2	83	4.4	214	04
29/03/24 19:30	0.174	1.965	2.139	1.197	20.1	83	4.8	215	03
29/03/24 19:35	0.119	2.329	2.449	1.052	20.1	83	4.4	218	04
29/03/24 19:40	0.049	2.701	2.750	1.016	20.2	83	4.9	217	05
29/03/24 19:45	-0.006	2.768	2.762	1.108	20.1	84	4.8	222	04
29/03/24 19:50	-0.016	3.359	3.343	1.115	20.0	84	4.7	228	04
29/03/24 19:55	-0.003	4.257	4.255	1.127	20.1	84	4.9	223	05
29/03/24 20:00	0.002	4.829	4.831	1.002	20.1	84	4.9	219	03
29/03/24 20:05	0.081	4.753	4.834	0.867	20.2	84	5.3	217	04
29/03/24 20:10	0.024	4.807	4.831	0.907	20.1	84	5.5	213	04
29/03/24 20:15	-0.055	4.812	4.757	1.019	20.2	85	5.0	214	04
29/03/24 20:20	-0.012	4.923	4.911	0.999	20.2	84	4.4	202	05
29/03/24 20:25	0.051	5.299	5.350	1.022	20.3	83	3.1	196	13
29/03/24 20:30	0.095	5.330	5.425	1.095	20.2	81	2.4	173	25
29/03/24 20:35	0.145	5.069	5.213	1.072	20.1	72	1.9	131	16
29/03/24 20:40	0.089	4.931	5.019	1.117	19.9	73	1.7	130	21
29/03/24 20:45	0.038	4.802	4.841	1.136	20.0	74	1.9	134	16
29/03/24 20:50	-0.161	4.720	4.559	1.169	20.0	74	2.1	140	14
29/03/24 20:55	-0.239	4.668	4.429	1.201	19.9	74	1.8	136	11
29/03/24 21:00	-0.262	4.646	4.385	1.143	19.8	74	1.2	135	22

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/03/24 21:05	-0.050	4.964	4.914	1.289	19.8	75	1.0	151	28
29/03/24 21:10	0.156	5.242	5.398	1.305	19.8	75	0.9	127	24
29/03/24 21:15	0.185	4.916	5.101	1.230	19.6	74	1.4	125	18
29/03/24 21:20	0.305	4.726	5.030	1.280	19.6	75	1.3	117	14
29/03/24 21:25	0.269	4.667	4.936	1.317	19.6	75	1.2	123	17
29/03/24 21:30	0.216	4.684	4.900	1.354	19.5	75	1.4	132	14
29/03/24 21:35	0.126	4.691	4.816	1.478	19.4	75	1.2	126	16
29/03/24 21:40	0.074	4.638	4.712	1.533	19.4	75	1.3	136	14
29/03/24 21:45	0.102	4.730	4.832	1.652	19.4	75	0.8	132	20
29/03/24 21:50	0.099	4.851	4.950	1.571	19.3	75	0.8	135	18
29/03/24 21:55	0.785	6.153	6.937	1.521	19.2	76	0.5	140	23
29/03/24 22:00	1.743	8.497	10.240	1.585	19.1	76	0.5	142	37
29/03/24 22:05	2.162	17.209	19.370	1.653	19.0	76	0.3	88	20
29/03/24 22:10	1.485	20.529	22.014	1.557	18.9	76	0.4	142	22
29/03/24 22:15	0.773	18.899	19.673	1.528	18.8	78	0.5	187	25
29/03/24 22:20	0.622	5.125	5.747	1.475	18.9	79	0.9	192	06
29/03/24 22:25	0.503	4.825	5.328	1.471	18.9	79	0.6	194	17
29/03/24 22:30	0.460	4.899	5.359	1.460	19.0	80	0.8	206	15
29/03/24 22:35	0.328	5.025	5.353	1.368	19.2	81	1.0	262	26
29/03/24 22:40	0.368	11.227	11.595	1.337	18.9	84	2.3	270	12
29/03/24 22:45	0.993	25.375	26.368	1.247	18.8	85	3.0	256	06
29/03/24 22:50	1.929	29.447	31.376	1.176	18.7	86	2.5	259	08
29/03/24 22:55	2.089	25.723	27.812	1.233	18.6	86	2.1	262	12
29/03/24 23:00	1.366	21.449	22.814	1.270	18.4	86	1.2	271	18
29/03/24 23:05	1.507	25.231	26.738	1.415	18.4	86	2.0	266	10
29/03/24 23:10	2.528	26.735	29.263	1.574	18.2	86	2.0	270	16
29/03/24 23:15	2.368	19.830	22.197	1.561	18.0	86	1.7	292	10
29/03/24 23:20	1.784	19.027	20.811	1.576	17.9	87	1.5	287	14
29/03/24 23:25	1.291	20.682	21.973	1.622	17.9	87	1.5	287	15
29/03/24 23:30	1.086	19.780	20.867	1.629	17.8	87	1.5	287	14
29/03/24 23:35	0.934	19.280	20.214	1.599	17.8	86	1.9	292	10
29/03/24 23:40	0.762	18.948	19.709	1.600	17.7	87	1.5	288	13
29/03/24 23:45	0.495	18.443	18.938	1.643	17.7	87	1.3	284	12
29/03/24 23:50	0.354	17.860	18.214		17.6	87	1.2	284	14
29/03/24 23:55	0.376	16.917	17.293		17.6	87	1.2	291	17
30/03/24 00:00	0.453	16.029	16.482	1.657	17.5	88	1.3	280	16
30/03/24 00:05	0.387	15.319	15.706	1.716	17.4	88	1.2	284	15
30/03/24 00:10	0.370	14.840	15.210	1.767	17.4	87	1.3	290	14
30/03/24 00:15	0.343	14.285	14.628	1.669	17.4	87	1.4	299	13
30/03/24 00:20	0.317	14.020	14.337	1.545	17.3	87	1.3	311	15
30/03/24 00:25	0.313	14.150	14.463	1.472	17.1	87	1.3	307	13
30/03/24 00:30	0.215	14.708	14.923	1.476	17.0	87	1.2	317	20
30/03/24 00:35	0.216	15.545	15.760	1.473	16.9	87	1.0	328	27
30/03/24 00:40	0.220	16.495	16.715	1.582	16.8	87	1.4	347	13
30/03/24 00:45	0.269	18.016	18.285	1.606	16.6	87	1.4	327	14
30/03/24 00:50	0.303	19.209	19.512	1.589	16.6	88	1.7	325	15
30/03/24 00:55	0.335	19.285	19.620	1.612	16.5	88	1.9	326	16
30/03/24 01:00	0.394	19.081	19.475	1.538	16.5	88	1.5	330	16
30/03/24 01:05					16.4	88	1.6	335	16
30/03/24 01:10					16.4	89	1.8	318	10
30/03/24 01:15					16.3	88	2.0	317	08
30/03/24 01:20					16.3	88	1.5	325	14
30/03/24 01:25					16.3	88	1.6	321	14
30/03/24 01:30					16.2	88	2.0	319	09
30/03/24 01:35					16.2	89	1.9	324	11
30/03/24 01:40					16.2	88	1.3	341	20
30/03/24 01:45					16.2	88	1.3	337	17
30/03/24 01:50					16.1	88	1.5	320	15
30/03/24 01:55					16.1	89	1.6	320	12
30/03/24 02:00					16.0	88	1.6	343	14
30/03/24 02:05	0.360	16.821	17.182	1.531	16.1	88	1.8	358	19
30/03/24 02:10	0.429	17.774	18.202	1.552	16.0	88	1.2	332	14
30/03/24 02:15	0.382	18.258	18.639	1.508	16.0	88	1.6	331	12
30/03/24 02:20	0.385	18.739	19.124	1.440	16.0	88	1.2	332	20
30/03/24 02:25	0.619	20.051	20.671	1.435	15.9	89	1.3	334	19
30/03/24 02:30	0.751	21.635	22.387	1.389	15.9	89	1.2	332	19
30/03/24 02:35	0.736	21.955	22.692	1.466	15.8	89	1.5	335	13
30/03/24 02:40	0.757	22.361	23.117	1.517	15.7	89	1.3	330	19
30/03/24 02:45	1.387	24.560	25.946	1.420	15.7	89	1.2	333	21
30/03/24 02:50	1.523	24.704	26.227	1.421	15.7	89	1.0	355	26
30/03/24 02:55	1.480	24.587	26.067	1.488	15.5	89	1.4	354	16
30/03/24 03:00	1.425	24.278	25.703	1.514	15.4	89	1.5	358	16
30/03/24 03:05	1.386	23.691	25.077	1.506	15.4	90	1.2	346	24
30/03/24 03:10	1.305	23.015	24.320	1.570	15.3	90	1.0	334	17
30/03/24 03:15	1.076	22.395	23.471	1.549	15.3	89	1.6	3	12
30/03/24 03:20	1.045	22.289	23.334	1.513	15.2	90	1.4	358	14
30/03/24 03:25	0.957	22.437	23.394	1.537	15.2	89	1.7	4	10
30/03/24 03:30	0.852	22.443	23.295	1.488	15.1	90	1.9	359	11
30/03/24 03:35	1.064	23.104	24.169	1.512	15.1	90	1.8	1	11
30/03/24 03:40	1.396	23.875	25.271	1.474	15.2	90	1.6	358	15
30/03/24 03:45	1.685	24.223	25.907	1.525	15.2	90	1.3	334	20
30/03/24 03:50	1.496	23.812	25.308	1.582	15.2	90	1.0	324	15
30/03/24 03:55	1.277	23.695	24.972	1.557	15.4	90	1.2	318	13
30/03/24 04:00	1.088	23.451	24.539	1.554	15.2	89	1.1	329	14
30/03/24 04:05	1.038	23.202	24.240	1.530	15.3	89	1.0	336	22
30/03/24 04:10	0.783	22.300	23.083	1.559	15.1	89	0.7	342	27
30/03/24 04:15	0.717	21.465	22.181	1.503	15.1	89	1.0	338	19
30/03/24 04:20	0.576	20.758	21.334	1.543	15.1	90	0.9	311	21
30/03/24 04:25	0.567	20.018	20.585	1.571	15.2	89	1.3	326	17
30/03/24 04:30	0.467	19.812	20.279	1.547	15.2	88	1.0	10	16
30/03/24 04:35	0.479	19.994	20.473	1.489	15.1	88	0.8	357	20
30/03/24 04:40	0.597	20.493	21.089	1.505	15.0	89	0.9	12	10
30/03/24 04:45	1.086	21.434	22.520	1.561	15.0	89	0.8	12	14
30/03/24 04:50	2.116	22.757	24.874	1.494	15.1	89	0.8	8	16
30/03/24 04:55	3.061	26.860	29.922	1.444	15.2	88	0.7	354	23
30/03/24 05:00	4.473	27.948	32.421	1.557	15.3	88	0.8	352	22
30/03/24 05:05	6.391	27.173	33.565	1.532	15.4	87	0.8	336	16
30/03/24 05:10	9.315	27.531	36.847	1.650	15.5	87	1.1	337	15
30/03/24 05:15	15.688	27.190	42.878	1.670	15.5	87	1.0	3	27
30/03/24 05:20	15.469	27.766	43.235	1.776	15.5	87	1.1	343	20
30/03/24 05:25	14.952	27.877	42.829	1.881	15.5	87	1.2	347	20
30/03/24 05:30	16.428	28.130	44.558	1.941	15.5	87	1.4	339	21
30/03/24 05:35	22.248	28.852	51.100	1.979	15.5	87	1.8	332	13
30/03/24 05:40	18.370	29.858	48.227	2.012	15.5	87	1.5	347	20
30/03/24 05:45	9.646	25.727	35.373	2.045	15.5	87	1.6	351	19
30/03/24 05:50	9.032	26.666	35.698	2.072	15.4	87	1.6	353	16
30/03/24 05:55	10.681	28.748	39.429	2.133	15.4	87	1.6	357	14
30/03/24 06:00	17.076	28.130	45.206	2.150	15.4	87	1.2	359	23

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/03/24 06:05	19.632	27.051	46.683	2.058	15.4	88	1.5	335	22
30/03/24 06:10	17.234	26.272	43.506	1.939	15.4	88	1.6	319	14
30/03/24 06:15	19.167	26.787	45.954	1.960	15.4	88	1.6	313	15
30/03/24 06:20	17.375	26.356	43.731	1.996	15.4	88	1.6	314	16
30/03/24 06:25	15.553	25.336	40.889	1.910	15.4	87	1.6	324	16
30/03/24 06:30	13.633	26.104	39.737	1.885	15.6	88	1.5	306	15
30/03/24 06:35	14.890	25.639	40.529	1.918	15.6	88	1.4	320	17
30/03/24 06:40	17.275	25.649	42.923	1.890	15.7	88	1.3	327	17
30/03/24 06:45	13.689	24.508	38.197	1.835	15.7	90	1.1	337	31
30/03/24 06:50	6.524	21.188	27.712	1.718	15.7	91	1.3	338	25
30/03/24 06:55	3.474	18.525	21.999	1.789	15.6	92	0.9	341	28
30/03/24 07:00	2.669	18.020	20.690	1.768	15.7	92	1.2	356	24
30/03/24 07:05	2.516	19.096	21.612	1.709	15.7	91	1.1	356	26
30/03/24 07:10	2.377	17.143	19.520	1.764	15.7	92	1.1	353	22
30/03/24 07:15	1.796	10.199	11.995	1.778	15.9	92	1.1	8	22
30/03/24 07:20	1.336	7.371	8.707	1.787	15.9	92	1.7	356	23
30/03/24 07:25	1.078	6.189	7.268	1.859	16.0	92	1.5	2	18
30/03/24 07:30	0.874	6.311	7.185	1.840	16.0	92	1.3	347	27
30/03/24 07:35	0.748	6.836	7.584	1.745	15.9	91	1.3	352	26
30/03/24 07:40	0.903	7.499	8.402	1.630	16.1	90	1.4	9	19
30/03/24 07:45	1.020	8.029	9.050	1.628	16.1	90	1.3	350	35
30/03/24 07:50	1.074	7.967	9.041	1.764	16.2	91	1.4	331	25
30/03/24 07:55	1.003	7.649	8.652	1.820	16.1	92	1.4	333	18
30/03/24 08:00	0.886	7.308	8.194	1.844	16.1	93	1.3	312	19
30/03/24 08:05	0.787	6.889	7.676	1.776	16.1	92	1.0	1	25
30/03/24 08:10	0.714	6.825	7.540	1.644	16.1	91	1.3	14	18
30/03/24 08:15	0.775	6.744	7.519	1.568	16.2	91	1.1	7	19
30/03/24 08:20	0.888	7.014	7.902	1.592	16.3	90	1.1	359	48
30/03/24 08:25	0.960	7.051	8.010	1.621	16.2	91	2.2	304	10
30/03/24 08:30	1.114	7.134	8.247	1.545	16.1	91	0.9	311	27
30/03/24 08:35	1.218	7.652	8.870	1.475	16.4	90	1.1	314	16
30/03/24 08:40	1.267	8.225	9.491	1.395	16.5	90	0.6	270	31
30/03/24 08:45	1.464	8.632	10.096	1.358	16.5	89	1.0	281	20
30/03/24 08:50	1.667	9.038	10.705	1.456	16.5	89	0.8	270	21
30/03/24 08:55	1.908	9.414	11.322	1.500	16.6	88	0.7	236	22
30/03/24 09:00	2.127	9.698	11.825	1.509	16.9	87	1.2	246	14
30/03/24 09:05	2.323	9.770	12.093	1.615	16.9	86	0.9	217	10
30/03/24 09:10	2.530	9.779	12.309	1.650	17.3	85	0.7	205	10
30/03/24 09:15	2.582	9.800	12.382	1.661	17.9	82	0.8	173	27
30/03/24 09:20	2.753	9.630	12.383	1.784	18.8	78	0.9	167	20
30/03/24 09:25	2.681	9.420	12.101	1.836	19.1	77	1.0	185	24
30/03/24 09:30	2.624	9.179	11.803	1.888	18.9	78	1.1	201	15
30/03/24 09:35	2.647	8.812	11.459	1.915	18.6	80	1.8	203	08
30/03/24 09:40	2.632	8.442	11.073	1.969	18.5	80	1.9	198	05
30/03/24 09:45	2.523	8.187	10.710	2.036	18.9	79	1.4	169	18
30/03/24 09:50	2.316	7.889	10.205	2.060	19.6	76	1.3	177	23
30/03/24 09:55	2.160	7.562	9.722	1.958	19.7	76	1.8	180	18
30/03/24 10:00	2.130	7.226	9.356	1.894	19.8	74	1.4	159	29
30/03/24 10:05	2.007	6.963	8.970	1.865	19.9	74	1.3	162	25
30/03/24 10:10	1.952	6.826	8.779	1.940	19.6	75	1.7	169	25
30/03/24 10:15	1.886	6.900	8.785	1.837	19.5	76	1.8	174	20
30/03/24 10:20	1.892	6.983	8.875	1.751	19.5	76	1.4	175	24
30/03/24 10:25	1.884	6.782	8.666	1.787	19.6	76	1.4	171	23
30/03/24 10:30	1.828	6.664	8.492	1.838	19.7	76	2.0	179	18
30/03/24 10:35	1.716	6.362	8.078	1.749	19.8	75	1.8	174	17
30/03/24 10:40	1.606	6.079	7.685	1.723	19.9	75	1.6	180	20
30/03/24 10:45	1.462	5.895	7.358	1.690	20.0	75	1.2	175	25
30/03/24 10:50	1.423	5.542	6.964	1.638	19.8	76	0.9	178	31
30/03/24 10:55	1.350	5.304	6.654	1.644	19.9	75	1.0	158	29
30/03/24 11:00	1.192	5.118	6.310	1.654	20.0	74	1.1	152	26
30/03/24 11:05	1.115	4.922	6.037	1.713	20.2	73	0.9	148	25
30/03/24 11:10	0.961	4.716	5.677	1.701	20.4	73	1.1	147	26
30/03/24 11:15	0.963	4.652	5.615	1.715	20.5	72	1.1	137	20
30/03/24 11:20	0.955	4.675	5.630	1.681	20.5	73	1.0	143	22
30/03/24 11:25	0.919	4.518	5.437	1.609	20.5	73	1.2	147	22
30/03/24 11:30	0.843	4.453	5.297	1.670	20.6	72	1.2	159	21
30/03/24 11:35	0.900	4.530	5.430	1.629	20.7	72	1.5	160	20
30/03/24 11:40	0.906	4.746	5.652	1.561	20.7	73	1.2	161	28
30/03/24 11:45	0.988	4.907	5.895	1.506	20.8	72	1.1	156	31
30/03/24 11:50	0.962	5.015	5.978	1.629	20.9	73	1.5	166	17
30/03/24 11:55	1.080	5.205	6.284	1.622	20.6	75	2.4	197	11
30/03/24 12:00	1.116	5.367	6.483	1.686	19.6	80	3.3	201	04
30/03/24 12:05	1.117	5.413	6.530	1.711	19.2	81	3.4	199	04
30/03/24 12:10	1.103	5.250	6.352	1.664	19.3	82	3.5	201	04
30/03/24 12:15	1.011	5.122	6.132	1.660	19.2	82	3.4	202	04
30/03/24 12:20	0.871	4.919	5.790	1.635	19.5	81	2.6	193	14
30/03/24 12:25	0.801	4.653	5.453	1.639	20.1	79	2.5	199	12
30/03/24 12:30	0.784	4.594	5.378	1.611	19.5	82	2.9	202	04
30/03/24 12:35	0.796	4.428	5.224	1.618	19.5	83	3.1	203	05
30/03/24 12:40	0.726	4.446	5.171	1.426	19.9	82	2.1	195	15
30/03/24 12:45	0.713	4.601	5.314	1.395	20.5	78	1.7	181	20
30/03/24 12:50	0.750	4.694	5.444	1.486	20.8	77	2.2	194	12
30/03/24 12:55	0.674	4.679	5.353	1.558	20.5	79	3.6	201	05
30/03/24 13:00	0.594	4.523	5.117	1.632	20.0	81	4.0	202	04
30/03/24 13:05	0.683	4.285	4.967	1.647	19.6	83	4.0	201	04
30/03/24 13:10	0.667	3.948	4.615	1.481	19.7	83	4.5	202	03
30/03/24 13:15	0.499	3.642	4.141	1.386	19.8	82	3.8	200	06
30/03/24 13:20	0.422	3.367	3.789	1.424	20.0	80	4.2	200	04
30/03/24 13:25	0.416	3.161	3.577	1.320	19.9	81	4.2	200	04
30/03/24 13:30	0.420	3.045	3.465	1.329	20.0	79	4.3	200	03
30/03/24 13:35	0.420	2.869	3.289	1.288	20.2	79	3.7	202	04
30/03/24 13:40	0.462	2.754	3.216	1.363	20.2	78	4.3	201	03
30/03/24 13:45	6.163	6.876	13.039	1.429	20.3	78	4.1	201	05
30/03/24 13:50	9.140	12.979	22.118	1.442	20.4	78	3.9	202	05
30/03/24 13:55	0.827	2.394	3.221	1.457	20.4	78	4.5	202	03
30/03/24 14:00	0.633	1.788	2.421	1.476	20.3	80	4.1	202	04
30/03/24 14:05	0.571	1.862	2.433	1.643	20.7	78	4.0	202	05
30/03/24 14:10	0.488	1.667	2.155	1.690	21.0	77	2.4	191	16
30/03/24 14:15	0.436	1.508	1.944	1.629	21.6	74	1.9	189	16
30/03/24 14:20	0.374	1.605	1.979	1.725	22.1	68	2.3	187	15
30/03/24 14:25	0.337	1.630	1.967	1.688	22.6	67	2.1	186	16
30/03/24 14:30	0.291	1.636	1.927	1.738	22.9	66	2.1	183	17
30/03/24 14:35	0.230	1.563	1.794	1.767	23.1	65	2.1	185	13
30/03/24 14:40	0.351	1.437	1.788	1.817	23.3	64	2.1	183	17
30/03/24 14:45	0.322	1.358	1.680	1.876	23.5	62	2.1	179	16
30/03/24 14:50	0.309	1.224	1.532	1.856	23.4	64	2.0	185	16
30/03/24 14:55	0.256	1.194	1.450	1.764	23.4	63	2.0	183	15
30/03/24 15:00	0.267	1.260	1.528	1.827	23.6	63	2.0	191	16

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/03/24 15:05	0.255	1.360	1.616	1.750	23.5	63	2.5	182	13
30/03/24 15:10	0.257	1.380	1.637	1.779	23.6	63	2.1	186	15
30/03/24 15:15	0.263	1.429	1.692	1.725	23.6	63	2.5	186	17
30/03/24 15:20	0.289	1.335	1.624	1.748	23.4	62	2.3	187	14
30/03/24 15:25	0.108	1.333	1.440	1.679	23.5	63	2.1	187	14
30/03/24 15:30	0.130	1.352	1.482	1.719	23.4	64	2.1	189	14
30/03/24 15:35	0.238	1.550	1.788	1.689	23.4	64	2.8	195	09
30/03/24 15:40	0.222	1.459	1.681	1.609	23.2	65	2.3	189	14
30/03/24 15:45	0.209	1.364	1.572	1.638	23.2	64	2.2	187	16
30/03/24 15:50	0.187	1.380	1.567	1.686	23.3	65	1.8	185	15
30/03/24 15:55	0.130	1.277	1.406	1.679	23.5	65	1.9	174	22
30/03/24 16:00	0.088	1.296	1.384	1.647	23.2	66	1.7	177	18
30/03/24 16:05	0.161	1.368	1.528	1.502	23.3	66	1.9	175	17
30/03/24 16:10	0.085	1.288	1.373	1.432	23.5	65	1.7	184	18
30/03/24 16:15	0.238	1.963	2.201	1.387	23.3	67	2.4	195	13
30/03/24 16:20	0.468	2.015	2.483	1.307	22.6	70	2.9	197	10
30/03/24 16:25	0.490	1.419	1.909	1.198	22.5	71	2.1	190	13
30/03/24 16:30	0.433	1.245	1.677	1.291	22.7	71	1.9	189	15
30/03/24 16:35	0.312	1.118	1.431	1.354	22.6	72	2.0	186	17
30/03/24 16:40	0.471	1.152	1.624	1.380	22.4	72	2.1	180	16
30/03/24 16:45	1.180	6.979	8.159	1.424	22.4	72	1.9	179	17
30/03/24 16:50	2.243	12.628	14.871	1.513	22.6	71	1.7	187	18
30/03/24 16:55	1.817	4.739	6.556	1.504	22.7	72	2.2	192	11
30/03/24 17:00	1.314	2.724	4.038	1.386	22.7	71	2.1	188	14
30/03/24 17:05	0.972	1.562	2.534	1.362	22.7	70	1.9	188	17
30/03/24 17:10	0.774	1.493	2.267	1.342	22.9	71	1.7	192	17
30/03/24 17:15	0.593	1.413	2.006	1.424	23.0	71	2.2	193	12
30/03/24 17:20	0.545	1.222	1.767	1.413	22.6	72	2.6	198	12
30/03/24 17:25	0.521	1.099	1.621	1.439	22.6	72	2.3	197	15
30/03/24 17:30	0.414	1.022	1.436	1.414	22.2	75	2.9	201	09
30/03/24 17:35	0.388	0.925	1.313	1.367	21.7	76	3.5	202	06
30/03/24 17:40	0.377	0.854	1.231	1.332	21.6	75	2.4	190	16
30/03/24 17:45	0.365	0.905	1.270	1.410	21.7	76	2.0	197	14
30/03/24 17:50	0.418	1.043	1.461	1.367	21.6	75	2.6	201	08
30/03/24 17:55	0.523	2.071	2.594	1.405	21.5	76	1.7	195	15
30/03/24 18:00	0.405	2.346	2.751	1.337	21.5	78	1.7	196	16
30/03/24 18:05	0.298	2.064	2.362	1.315	21.4	78	1.8	197	18
30/03/24 18:10	0.231	1.962	2.192	1.306	21.3	77	1.8	203	16
30/03/24 18:15	0.145	2.424	2.569	1.286	21.0	78	2.7	204	06
30/03/24 18:20	0.103	2.443	2.546	1.207	20.8	78	2.7	205	05
30/03/24 18:25	0.152	2.209	2.361	1.197	20.8	76	3.5	202	06
30/03/24 18:30	0.074	2.047	2.121	1.110	20.8	78	3.7	204	06
30/03/24 18:35	0.124	1.746	1.870	1.085	20.8	79	4.1	207	05
30/03/24 18:40	-0.028	1.571	1.542	1.103	20.9	80	4.0	211	04
30/03/24 18:45	-0.094	1.527	1.433	1.182	20.9	81	3.7	209	05
30/03/24 18:50	-0.004	1.959	1.955	1.211	21.0	82	4.1	208	05
30/03/24 18:55	0.022	2.961	2.983	1.182	21.0	82	3.7	203	05
30/03/24 19:00	0.050	3.181	3.231	1.114	21.1	82	3.2	200	07
30/03/24 19:05	0.044	3.011	3.055	1.131	21.1	82	2.7	194	13
30/03/24 19:10	0.050	2.799	2.849	1.103	21.1	84	1.7	178	29
30/03/24 19:15	0.041	2.736	2.777	0.982	21.2	83	2.3	141	18
30/03/24 19:20	-0.025	2.774	2.749	0.959	21.3	81	1.9	130	17
30/03/24 19:25	-0.076	3.048	2.972	0.941	21.2	77	1.9	122	19
30/03/24 19:30	-0.069	3.567	3.499	0.959	21.2	78	1.5	119	22
30/03/24 19:35	-0.017	4.029	4.012	0.884	21.1	78	1.7	123	20
30/03/24 19:40	0.091	4.007	4.098	0.971	20.9	75	2.3	118	16
30/03/24 19:45	0.108	3.820	3.929	0.974	20.8	74	3.1	133	13
30/03/24 19:50	0.137	3.485	3.623	0.995	20.5	74	2.7	129	16
30/03/24 19:55	0.109	3.191	3.299	0.956	20.4	75	2.7	126	20
30/03/24 20:00	0.137	2.904	3.042	1.006	20.2	75	2.7	121	15
30/03/24 20:05	0.018	2.794	2.811	0.992	20.3	75	2.7	127	15
30/03/24 20:10	0.017	2.728	2.745	1.055	20.1	74	2.4	121	18
30/03/24 20:15	0.153	2.698	2.851	1.094	19.9	75	2.2	128	17
30/03/24 20:20	0.218	2.688	2.906	1.045	19.8	77	1.9	120	23
30/03/24 20:25	0.172	2.794	2.966	1.043	19.7	78	2.6	120	15
30/03/24 20:30	0.223	2.795	3.018	1.030	19.6	78	1.9	121	22
30/03/24 20:35	0.164	2.783	2.947	1.000	19.5	77	2.9	124	14
30/03/24 20:40	0.098	2.763	2.861	0.948	19.4	79	2.7	129	16
30/03/24 20:45	0.141	2.616	2.757	1.014	19.3	79	2.9	130	16
30/03/24 20:50	0.175	2.427	2.602	1.084	19.1	80	4.1	135	11
30/03/24 20:55	0.272	2.187	2.459	1.068	19.0	81	3.6	132	12
30/03/24 21:00	0.270	1.943	2.213	1.026	18.8	82	4.0	137	11
30/03/24 21:05	0.316	1.851	2.167	0.988	18.8	83	3.2	132	12
30/03/24 21:10	0.244	1.742	1.986	1.046	18.8	84	3.3	132	15
30/03/24 21:15	0.172	1.663	1.834	1.031	18.7	85	2.1	125	19
30/03/24 21:20	0.216	1.612	1.828	1.018	18.6	86	2.3	124	17
30/03/24 21:25	0.211	1.564	1.775	0.979	18.6	86	3.0	129	14
30/03/24 21:30	0.211	1.472	1.683	0.863	18.5	85	3.3	134	13
30/03/24 21:35	0.127	1.419	1.546	0.784	18.4	86	3.2	138	13
30/03/24 21:40	0.098	1.342	1.440	0.758	18.4	86	3.4	143	13
30/03/24 21:45	0.059	1.147	1.206	0.884	18.6	86	2.4	153	25
30/03/24 21:50	0.054	1.036	1.090	0.890	18.5	86	2.2	154	24
30/03/24 21:55	0.196	0.910	1.105	0.980	18.5	86	1.9	157	27
30/03/24 22:00	0.206	0.906	1.113	0.948	18.6	86	1.7	165	27
30/03/24 22:05	0.133	0.909	1.042	0.954	18.5	86	1.7	157	23
30/03/24 22:10	0.056	0.934	0.990	0.962	18.5	86	1.5	161	29
30/03/24 22:15	-0.033	1.025	0.993	0.866	18.5	85	1.9	155	24
30/03/24 22:20	0.027	1.011	1.038	0.840	18.5	85	1.7	157	23
30/03/24 22:25	0.024	1.035	1.059	0.884	18.5	86	1.7	160	28
30/03/24 22:30	-0.022	1.088	1.066	0.944	18.4	85	2.2	152	23
30/03/24 22:35	-0.003	1.111	1.108	0.999	18.5	85	2.6	149	22
30/03/24 22:40	0.064	1.086	1.150	1.050	18.4	86	2.2	150	28
30/03/24 22:45	0.009	1.072	1.081	1.075	18.4	85	3.4	136	13
30/03/24 22:50	0.161	1.026	1.187	0.992	18.4	84	3.9	140	11
30/03/24 22:55	0.149	0.954	1.104	0.973	18.5	85	2.4	144	20
30/03/24 23:00	0.007	0.945	0.952	1.021	18.5	86	2.3	155	25
30/03/24 23:05	0.027	0.892	0.919	0.990	18.5	87	1.8	169	20
30/03/24 23:10	0.029	0.877	0.906	0.975	18.5	87	1.8	175	18
30/03/24 23:15	0.042	0.880	0.922	1.017	18.3	87	1.8	158	26
30/03/24 23:20	0.014	0.832	0.847	1.044	18.4	86	2.6	145	16
30/03/24 23:25	-0.010	0.764	0.754	1.050	18.3	87	2.2	146	18
30/03/24 23:30	-0.014	0.744	0.730	0.996	18.3	88	1.6	172	27
30/03/24 23:35	-0.011	0.723	0.712	0.916	18.3	87	2.0	158	26
30/03/24 23:40	0.074	0.660	0.734	0.822	18.3	87	1.6	139	24
30/03/24 23:45	0.091	0.603	0.694	0.920	18.2	87	1.8	134	17
30/03/24 23:50	0.119	0.627	0.746		18.2	87	1.8	131	18
30/03/24 23:55	0.162	0.649	0.811		18.1	86	1.7	137	23
31/03/24 00:00	0.043	0.636	0.679	0.907	18.2	87	1.5	146	23

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/03/24 00:05	0.016	0.645	0.661	0.841	18.1	86	1.9	139	17
31/03/24 00:10	0.053	0.633	0.686	0.820	18.0	85	1.9	142	16
31/03/24 00:15	0.031	0.667	0.698	0.733	18.0	86	1.3	149	23
31/03/24 00:20	0.027	0.666	0.693	0.617	18.0	86	1.4	155	23
31/03/24 00:25	0.025	0.615	0.640	0.584	18.0	86	1.7	143	18
31/03/24 00:30	-0.007	0.625	0.618	0.627	18.0	87	1.5	141	19
31/03/24 00:35	0.083	0.639	0.721	0.551	18.0	87	1.2	136	19
31/03/24 00:40	0.045	0.621	0.666	0.429	17.9	88	1.1	141	21
31/03/24 00:45	0.058	0.640	0.698	0.422	17.8	88	1.5	139	15
31/03/24 00:50	0.009	0.655	0.664	0.439	17.9	88	1.4	146	17
31/03/24 00:55	0.069	0.639	0.708	0.389	17.8	89	1.4	132	17
31/03/24 01:00	0.028	0.718	0.745	0.399	17.8	89	1.5	139	18
31/03/24 01:05					17.9	89	1.2	138	21
31/03/24 01:10					17.7	89	1.4	127	20
31/03/24 01:15					17.6	89	1.3	109	13
31/03/24 01:20					17.4	90	1.2	108	16
31/03/24 01:25					17.3	90	1.3	103	09
31/03/24 01:30					17.1	91	1.1	111	16
31/03/24 01:35					17.1	90	1.5	88	13
31/03/24 01:40					16.9	89	1.2	68	15
31/03/24 01:45					16.7	89	1.1	56	12
31/03/24 01:50					16.5	90	1.2	71	10
31/03/24 01:55					16.3	91	1.2	86	11
31/03/24 02:00					16.3	91	1.2	90	10
31/03/24 02:05	0.203	2.266	2.469	0.423	16.4	91	1.4	89	09
31/03/24 02:10	0.156	2.294	2.450	0.267	16.5	91	1.2	93	13
31/03/24 02:15	0.189	2.220	2.409	0.312	16.6	92	1.0	115	19
31/03/24 02:20	0.190	2.285	2.476	0.262	16.7	91	1.5	101	09
31/03/24 02:25	0.250	2.419	2.669	0.276	16.6	92	1.0	118	19
31/03/24 02:30	0.179	2.267	2.447	0.332	16.8	92	0.9	116	21
31/03/24 02:35	0.194	2.254	2.447	0.393	16.8	91	1.1	82	16
31/03/24 02:40	0.245	2.478	2.723	0.361	16.6	90	0.9	39	12
31/03/24 02:45	0.175	2.920	3.095	0.334	16.3	90	0.9	32	15
31/03/24 02:50	0.262	3.185	3.447	0.294	16.2	91	1.0	18	10
31/03/24 02:55	0.298	3.532	3.831	0.287	16.0	91	0.8	5	16
31/03/24 03:00	0.274	3.749	4.024	0.334	16.0	92	0.5	351	15
31/03/24 03:05	0.217	3.818	4.035	0.402	16.0	93	0.6	337	15
31/03/24 03:10	0.158	3.901	4.059	0.361	16.0	93	0.3	21	36
31/03/24 03:15	0.212	3.897	4.109	0.341	16.1	93	0.5	57	43
31/03/24 03:20	0.164	4.043	4.208	0.324	16.1	92	0.5	16	27
31/03/24 03:25	0.126	4.095	4.221	0.396	16.1	92	0.2	26	64
31/03/24 03:30	0.108	4.199	4.307	0.462	16.2	91	0.7	2	21
31/03/24 03:35	0.084	4.258	4.341	0.436	16.4	91	0.7	338	26
31/03/24 03:40	0.105	4.238	4.343	0.341	16.5	91	0.5	9	40
31/03/24 03:45	0.144	4.343	4.487	0.352	16.4	90	0.8	30	23
31/03/24 03:50	0.091	4.483	4.575	0.286	16.4	90	1.2	63	16
31/03/24 03:55	0.034	4.131	4.165	0.292	16.3	90	0.9	43	22
31/03/24 04:00	0.049	3.847	3.895	0.353	16.3	90	0.8	73	20
31/03/24 04:05	0.160	3.681	3.841	0.336	16.4	90	0.8	67	40
31/03/24 04:10	0.230	3.468	3.698	0.320	16.2	90	0.9	71	32
31/03/24 04:15	0.084	3.189	3.273	0.373	16.2	90	1.1	64	27
31/03/24 04:20	0.084	2.951	3.035	0.450	16.1	90	1.3	80	22
31/03/24 04:25	0.114	2.767	2.881	0.429	16.2	90	1.9	91	15
31/03/24 04:30	0.133	2.696	2.829	0.401	16.1	91	2.3	95	11
31/03/24 04:35	0.229	2.623	2.852	0.389	16.2	91	1.8	87	18
31/03/24 04:40	0.192	2.543	2.734	0.456	16.1	91	2.3	88	13
31/03/24 04:45	0.125	2.405	2.530	0.547	16.1	91	2.1	70	15
31/03/24 04:50	-0.061	2.360	2.298	0.509	16.1	91	1.6	82	14
31/03/24 04:55	0.025	2.271	2.296	0.560	16.0	91	1.9	81	13
31/03/24 05:00	0.135	2.199	2.334	0.711	16.0	91	2.1	74	12
31/03/24 05:05	0.152	2.252	2.404	0.603	15.9	91	2.2	74	13
31/03/24 05:10	0.175	2.423	2.599	0.555	16.0	91	2.0	71	17
31/03/24 05:15	0.236	2.298	2.534	0.547	16.0	91	1.8	63	18
31/03/24 05:20	0.250	2.452	2.702	0.627	16.2	91	1.9	71	14
31/03/24 05:25	0.256	2.854	3.110	0.617	16.0	91	1.7	89	12
31/03/24 05:30	1.313	11.074	12.387	0.595	16.1	91	1.5	75	13
31/03/24 05:35	0.033	3.990	4.023	0.519	15.9	92	1.4	68	13
31/03/24 05:40	0.119	3.873	3.992	0.403	15.9	92	1.9	89	11
31/03/24 05:45	0.065	3.767	3.833	0.354	15.7	92	2.5	97	05
31/03/24 05:50	7.052	4.246	11.298	0.264	15.8	92	2.6	96	05
31/03/24 05:55	0.501	4.275	4.776	0.245	15.7	92	2.3	92	09
31/03/24 06:00	0.310	3.974	4.284	0.271	15.7	92	2.3	89	08
31/03/24 06:05	0.411	3.967	4.378	0.364	15.7	92	2.2	85	11
31/03/24 06:10	1.044	3.637	4.680	0.484	15.8	92	2.7	97	09
31/03/24 06:15	0.751	3.651	4.402	0.425	15.9	92	2.5	96	12
31/03/24 06:20	0.690	3.478	4.167	0.462	15.8	92	2.9	102	09
31/03/24 06:25	0.530	3.484	4.013	0.512	15.8	92	2.5	98	12
31/03/24 06:30	0.470	3.386	3.856	0.327	15.8	92	2.3	82	14
31/03/24 06:35	9.271	11.178	20.450	0.321	15.7	92	2.2	90	11
31/03/24 06:40	2.401	5.761	8.162	0.308	15.7	92	3.0	96	10
31/03/24 06:45	15.119	1.578	16.697	0.334	15.7	92	2.9	96	08
31/03/24 06:50	0.945	3.734	4.679	0.314	15.7	92	3.0	96	08
31/03/24 06:55	6.974	10.994	17.968	0.373	15.7	92	2.8	98	08
31/03/24 07:00	13.573	4.287	17.859	0.350	15.6	93	2.9	104	09
31/03/24 07:05	27.331	12.541	39.872	0.424	15.7	93	1.9	120	20
31/03/24 07:10	1.793	4.069	5.861	0.359	15.8	93	1.5	129	21
31/03/24 07:15	5.059	6.626	11.685	0.429	15.9	93	1.9	123	13
31/03/24 07:20	1.459	3.534	4.993	0.471	15.8	93	1.9	117	13
31/03/24 07:25	7.883	7.856	15.739	0.446	15.7	92	1.8	99	16
31/03/24 07:30	5.761	6.737	12.498	0.350	15.5	92	1.3	111	23
31/03/24 07:35	6.918	6.613	13.530	0.336	15.7	93	1.7	110	12
31/03/24 07:40	12.728	13.936	26.663	0.382	15.7	92	2.1	108	11
31/03/24 07:45	7.658	13.238	20.896	0.409	15.7	92	1.2	72	21
31/03/24 07:50	30.426	12.363	42.789	0.410	15.8	92	2.2	104	12
31/03/24 07:55	15.161	12.004	27.165	0.350	15.8	91	1.5	75	13
31/03/24 08:00	2.434	7.268	9.702	0.464	15.9	91	1.4	103	13
31/03/24 08:05	2.198	7.244	9.442	0.538	15.8	91	1.0	116	16
31/03/24 08:10	5.089	8.087	13.175	0.602	16.1	91	1.4	127	15
31/03/24 08:15	4.837	7.852	12.689	0.599	16.2	89	1.3	136	21
31/03/24 08:20	25.133	4.265	29.398	0.686	16.3	90	1.0	132	36
31/03/24 08:25	2.194	5.954	8.148	0.716	16.4	89	1.7	113	13
31/03/24 08:30	14.745	22.087	36.833	0.771	16.4	89	1.6	111	12
31/03/24 08:35	4.436	6.239	10.675	0.769	16.3	89	0.8	140	21
31/03/24 08:40	17.780	5.292	23.072	0.640	16.3	88	1.2	99	25
31/03/24 08:45	1.752	5.853	7.605	0.652	16.2	87	1.1	85	19
31/03/24 08:50	7.637	11.916	19.554	0.774	16.1	88	1.2	67	20
31/03/24 08:55				0.953	16.1	88	1.2	102	15
31/03/24 09:00	4.455	7.950	12.405	1.096	16.2	88	0.9	100	18

Station Pier Ambient Air Quality Monitoring									
March 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/03/24 09:05	3.249	11.799	15.048	1.121	16.4	88	1.3	112	14
31/03/24 09:10	10.324	4.837	15.161	1.080	16.5	87	1.7	94	15
31/03/24 09:15	4.581	7.610	12.191	1.082	16.5	87	0.8	101	29
31/03/24 09:20	1.080	6.095	7.176	1.064	16.5	87	0.9	159	20
31/03/24 09:25	1.536	6.360	7.896	1.055	16.5	88	1.3	158	25
31/03/24 09:30	2.254	6.265	8.519	1.060	16.6	88	1.0	135	25
31/03/24 09:35	3.848	5.672	9.520	1.022	16.7	87	1.3	150	19
31/03/24 09:40	3.121	6.190	9.311	0.966	16.7	88	1.7	182	14
31/03/24 09:45	10.502	8.248	18.750	0.906	16.8	88	1.8	190	11
31/03/24 09:50	3.725	7.274	10.999	0.945	16.8	87	1.3	169	18
31/03/24 09:55	2.739	6.115	8.854	0.915	16.7	87	1.2	159	24
31/03/24 10:00	3.071	5.596	8.667	0.943	16.7	87	1.4	155	22
31/03/24 10:05	16.725	11.562	28.287	1.088	16.7	86	0.9	165	26
31/03/24 10:10	1.100	4.646	5.747	1.047	16.8	86	1.3	139	25
31/03/24 10:15	0.390	4.217	4.607	1.009	16.8	85	1.1	152	22
31/03/24 10:20	0.656	4.364	5.020	1.019	16.9	85	1.2	183	14
31/03/24 10:25	0.930	4.748	5.678	1.032	16.9	84	0.5	205	43
31/03/24 10:30	4.500	12.327	16.827	1.049	16.7	85	0.6	194	18
31/03/24 10:35	7.290	9.114	16.404	1.098	16.8	84	1.3	170	15
31/03/24 10:40	1.968	4.720	6.688	1.076	16.9	84	1.3	157	20
31/03/24 10:45	1.910	5.760	7.670	0.919	17.0	85	1.2	163	22
31/03/24 10:50	2.840	6.746	9.586	0.916	17.0	84	1.0	142	25
31/03/24 10:55	3.599	6.729	10.329	1.045	17.0	84	1.4	166	17
31/03/24 11:00	10.312	10.261	20.574	0.993	17.1	84	1.6	165	19
31/03/24 11:05	3.743	8.077	11.820	0.890	17.1	84	1.7	159	19
31/03/24 11:10	2.525	6.504	9.029	0.900	17.1	84	1.7	177	15
31/03/24 11:15	2.092	5.561	7.654	0.980	17.1	84	1.5	156	21
31/03/24 11:20	1.993	4.872	6.865	0.898	17.0	84	1.8	134	17
31/03/24 11:25	2.078	4.848	6.926	0.844	16.9	84	1.4	145	22
31/03/24 11:30	2.041	4.857	6.898	0.855	17.0	83	1.3	138	21
31/03/24 11:35	4.842	5.679	10.521	0.892	17.0	83	1.1	143	25
31/03/24 11:40	2.555	5.377	7.932	1.061	17.2	82	0.8	149	21
31/03/24 11:45	2.514	5.971	8.486	1.229	17.5	81	1.2	131	18
31/03/24 11:50	2.247	3.713	5.960	1.337	17.7	81	1.9	124	16
31/03/24 11:55	2.513	3.388	5.902	1.388	18.0	80	2.0	122	16
31/03/24 12:00	2.000	4.472	6.472	1.503	18.6	76	1.4	125	17
31/03/24 12:05	2.342	5.216	7.558	1.660	19.0	74	1.7	121	12
31/03/24 12:10	1.592	4.099	5.692	1.724	19.1	73	1.5	136	23
31/03/24 12:15	1.204	3.898	5.102	1.836	18.9	73	1.5	155	26
31/03/24 12:20	17.523	0.893	18.416	1.905	18.8	74	1.3	201	30
31/03/24 12:25	5.560	9.004	14.563	1.957	18.3	78	1.8	205	12
31/03/24 12:30	2.614	4.075	6.689	2.060	18.3	78	1.3	191	22
31/03/24 12:35	1.492	3.573	5.066	1.944	18.8	76	1.2	176	30
31/03/24 12:40	0.978	3.601	4.579	1.924	19.3	72	1.2	172	24
31/03/24 12:45	0.915	3.378	4.293	1.874	19.8	71	1.2	171	32
31/03/24 12:50	0.840	3.440	4.280	1.815	19.9	71	1.7	182	18
31/03/24 12:55	0.857	3.883	4.740	1.830	19.9	72	1.5	180	21
31/03/24 13:00	1.011	4.444	5.455	1.834	19.8	70	1.6	171	22
31/03/24 13:05	0.901	4.486	5.387	1.733	20.0	69	1.8	170	18
31/03/24 13:10	0.769	4.556	5.324	1.680	20.1	71	1.9	185	19
31/03/24 13:15	0.820	4.590	5.411	1.648	20.0	70	2.2	181	13
31/03/24 13:20	0.754	4.734	5.488	1.722	19.9	72	2.6	195	12
31/03/24 13:25	0.662	5.199	5.861	1.632	19.1	76	2.6	196	12
31/03/24 13:30	1.063	6.783	7.846	1.484	19.1	77	2.7	198	11
31/03/24 13:35	1.322	7.911	9.234	1.443	19.1	77	2.6	200	10
31/03/24 13:40	1.263	7.988	9.251	1.488	19.0	77	3.1	204	12
31/03/24 13:45	1.048	7.667	8.714	1.512	18.6	80	3.0	207	08
31/03/24 13:50	0.797	7.116	7.913	1.416	18.9	78	2.2	200	15
31/03/24 13:55	0.521	6.682	7.203	1.357	19.3	77	2.2	201	14
31/03/24 14:00	0.427	6.471	6.898	1.363	19.3	77	2.4	203	13
31/03/24 14:05	0.384	6.470	6.853	1.379	19.5	77	2.3	198	14
31/03/24 14:10	0.412	6.402	6.815	1.277	19.8	75	2.5	206	10
31/03/24 14:15	0.360	6.300	6.659	1.300	19.5	77	2.7	206	09
31/03/24 14:20	0.270	6.038	6.307	1.308	19.4	77	2.9	212	09
31/03/24 14:25	0.244	5.704	5.948	1.331	19.2	79	3.2	213	06
31/03/24 14:30	0.315	5.354	5.668	1.356	19.3	79	3.2	213	06
31/03/24 14:35	0.384	5.161	5.544	1.312	19.3	79	3.1	217	04
31/03/24 14:40	0.334	5.035	5.369	1.223	19.3	80	2.8	212	08
31/03/24 14:45	0.321	4.916	5.236	1.148	19.5	80	3.4	216	04
31/03/24 14:50	0.228	4.758	4.986	1.169	19.7	79	3.1	211	07
31/03/24 14:55	0.161	4.728	4.889	1.190	19.8	79	3.0	210	08
31/03/24 15:00	0.174	4.844	5.018	1.235	20.1	78	2.9	207	09
31/03/24 15:05	0.346	5.374	5.720	1.177	20.3	77	2.8	203	13
31/03/24 15:10	0.521	5.986	6.507	1.132	20.5	76	2.6	199	11
31/03/24 15:15	2.707	14.384	17.092	1.212	20.8	75	2.7	197	12
31/03/24 15:20	1.207	7.624	8.831	1.340	20.7	75	3.1	204	10
31/03/24 15:25	7.368	16.494	23.863	1.401	20.7	76	2.6	202	14
31/03/24 15:30	4.967	15.484	20.451	1.449	20.7	77	2.6	200	14
31/03/24 15:35	1.845	11.269	13.114	1.547	20.7	76	2.6	199	12
31/03/24 15:40	7.003	8.007	15.010	1.598	20.7	76	2.6	200	12
31/03/24 15:45	1.384	5.840	7.223	1.588	20.9	76	2.6	200	11
31/03/24 15:50	2.820	12.009	14.829	1.621	20.8	77	3.0	202	11
31/03/24 15:55	4.092	8.878	12.970	1.546	20.8	75	2.9	198	12
31/03/24 16:00	6.176	11.338	17.514	1.635	20.9	75	2.9	199	11
31/03/24 16:05	2.095	6.316	8.411	1.702	21.1	74	3.5	196	07
31/03/24 16:10	85.494	8.910	94.405	1.817	21.2	74	4.2	197	05
31/03/24 16:15	200.471	55.402	255.873	2.270	21.0	75	3.2	198	09
31/03/24 16:20	27.992	15.285	43.277	2.491	20.9	78	4.4	203	06
31/03/24 16:25	0.626	2.098	2.724	2.489	20.8	79	3.7	201	08
31/03/24 16:30	0.343	1.980	2.323	2.349	20.8	78	3.9	203	06
31/03/24 16:35	0.279	1.769	2.048	2.178	20.8	79	4.0	201	05
31/03/24 16:40	0.222	1.661	1.883	1.851	20.9	79	3.8	202	05
31/03/24 16:45	0.154	1.574	1.728	1.627	20.8	79	3.7	203	06
31/03/24 16:50	0.161	1.554	1.715	1.581	20.8	78	4.2	204	05
31/03/24 16:55	0.060	1.520	1.579	1.477	20.9	79	4.0	202	04
31/03/24 17:00	-0.052	1.558	1.506	1.366	20.8	80	4.3	208	05
31/03/24 17:05	0.115	2.252	2.367	1.262	20.6	80	4.6	208	05
31/03/24 17:10	0.413	3.596	4.009	1.277	20.7	80	4.4	206	05
31/03/24 17:15	0.325	3.111	3.436	1.224	20.7	80	4.6	211	04
31/03/24 17:20	0.360	2.911	3.271	1.122	20.6	81	4.4	213	04
31/03/24 17:25	0.275	2.811	3.086	1.149	20.6	82	4.1	211	05
31/03/24 17:30	0.201	2.663	2.864	1.133	20.6	82	4.1	213	05
31/03/24 17:35	0.165	2.498	2.663	1.172	20.7	82	4.0	214	04
31/03/24 17:40	0.216	2.504	2.719	1.115	20.7	83	4.5	215	03
31/03/24 17:45	0.229	2.404	2.634	1.053	20.7	83	4.3	216	05
31/03/24 17:50	0.078	2.226	2.304	1.115	20.6	83	4.0	218	06
31/03/24 17:55	0.180	2.100	2.280	0.982	20.5	83	3.6	215	05
31/03/24 18:00	0.174	2.060	2.234	0.805	20.6	82	3.5	217	03

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/03/24 18:05	0.259	2.028	2.287	0.886	20.5	83	3.2	217	05
31/03/24 18:10	0.263	2.070	2.333	0.729	20.5	84	3.1	217	05
31/03/24 18:15	0.286	2.063	2.349	0.795	20.5	84	3.3	218	03
31/03/24 18:20	0.241	2.145	2.386	0.751	20.5	84	3.3	219	04
31/03/24 18:25	0.082	2.328	2.409	0.669	20.5	85	3.0	221	03
31/03/24 18:30	0.049	2.565	2.615	0.549	20.5	85	2.9	221	04
31/03/24 18:35	-0.014	2.690	2.676	0.540	20.7	86	2.8	221	03
31/03/24 18:40	0.027	2.761	2.788	0.612	20.6	85	2.5	224	04
31/03/24 18:45	-0.019	2.967	2.947	0.614	20.6	85	2.5	222	04
31/03/24 18:50	-0.065	3.271	3.206	0.659	20.7	84	2.7	223	03
31/03/24 18:55	0.107	3.551	3.658	0.534	20.7	83	2.9	225	04
31/03/24 19:00	0.067	3.983	4.051	0.462	20.7	82	2.8	223	04
31/03/24 19:05	0.073	4.534	4.607	0.551	20.7	82	2.7	219	06
31/03/24 19:10	0.258	13.767	14.025	0.455	20.8	82	2.6	207	09
31/03/24 19:15	0.281	3.299	3.579	0.479	20.9	80	1.7	170	29
31/03/24 19:20	0.219	2.865	3.084	0.654	20.8	81	2.0	164	28
31/03/24 19:25	0.157	2.896	3.053	0.739	20.7	76	3.2	141	15
31/03/24 19:30	0.184	3.113	3.297	0.697	20.7	74	2.2	129	16
31/03/24 19:35	0.278	3.259	3.538	0.678	20.6	73	1.9	121	19
31/03/24 19:40	0.291	3.288	3.579	0.678	20.6	74	2.4	116	18
31/03/24 19:45	0.231	3.432	3.663	0.615	20.5	74	3.3	114	07
31/03/24 19:50	0.126	3.588	3.715	0.593	20.4	75	2.7	113	10
31/03/24 19:55	0.171	3.823	3.994	0.603	20.3	76	2.9	112	06
31/03/24 20:00	0.018	4.151	4.170	0.543	20.2	76	2.4	118	10
31/03/24 20:05	-0.009	4.408	4.399	0.618	20.1	75	1.9	125	17
31/03/24 20:10	0.101	4.436	4.537	0.674	20.0	73	2.2	126	13
31/03/24 20:15	0.178	4.538	4.717	0.775	19.9	74	1.7	125	15
31/03/24 20:20	0.232	4.722	4.954	0.733	19.8	74	1.6	129	17
31/03/24 20:25	0.265	4.834	5.099	0.671	19.6	74	2.0	134	11
31/03/24 20:30	0.271	4.736	5.007	0.613	19.6	74	1.9	135	14
31/03/24 20:35	0.263	4.927	5.190	0.559	19.5	75	1.6	135	17
31/03/24 20:40	0.277	5.235	5.512	0.663	19.5	75	1.6	133	16
31/03/24 20:45	0.195	5.569	5.764	0.654	19.3	76	1.7	132	13
31/03/24 20:50	0.161	6.172	6.333	0.591	19.2	76	2.0	133	12
31/03/24 20:55	0.201	6.228	6.429	0.521	19.3	76	1.9	144	17
31/03/24 21:00	0.138	5.850	5.988	0.520	19.3	77	1.2	155	25
31/03/24 21:05	0.137	5.416	5.553	0.601	19.2	78	1.2	169	27
31/03/24 21:10	0.096	5.156	5.252	0.688	19.0	77	1.2	143	21
31/03/24 21:15	0.111	5.078	5.188	0.653	18.9	78	1.6	130	15
31/03/24 21:20	0.114	4.702	4.817	0.512	18.9	80	1.8	135	13
31/03/24 21:25	0.079	4.367	4.447	0.533	18.9	80	1.7	137	14
31/03/24 21:30	0.119	4.319	4.438	0.380	18.7	80	1.7	143	17
31/03/24 21:35	0.229	4.582	4.811	0.440	18.8	80	1.4	133	16
31/03/24 21:40	0.223	4.968	5.191	0.491	18.7	80	1.7	137	14
31/03/24 21:45	0.140	5.638	5.779	0.501	18.7	80	1.9	138	14
31/03/24 21:50	0.225	6.518	6.743	0.507	18.7	80	2.1	145	17
31/03/24 21:55	0.142	7.109	7.251	0.660	18.7	80	2.2	140	12
31/03/24 22:00	0.119	7.237	7.356	0.587	18.8	81	2.4	138	12
31/03/24 22:05	0.102	6.987	7.090	0.589	18.7	81	2.4	135	11
31/03/24 22:10	0.155	6.359	6.514	0.398	18.6	82	1.5	130	16
31/03/24 22:15	0.232	5.807	6.039	0.236	18.5	82	1.5	124	17
31/03/24 22:20	0.221	5.360	5.581	0.324	18.5	84	0.8	118	27
31/03/24 22:25	0.245	5.194	5.439	0.385	18.5	84	1.4	110	14
31/03/24 22:30	0.255	5.099	5.355	0.462	18.4	83	1.9	91	06
31/03/24 22:35	0.267	5.360	5.626	0.403	18.2	83	1.2	94	06
31/03/24 22:40	0.246	5.826	6.072	0.251	18.0	84	1.0	85	13
31/03/24 22:45	0.465	6.632	7.097	0.297	17.9	84	0.7	67	20
31/03/24 22:50	1.355	8.861	10.216	0.566	17.8	84	0.7	71	13
31/03/24 22:55	0.788	10.014	10.802	0.710	17.7	84	0.7	70	13
31/03/24 23:00	1.021	10.665	11.686	0.840	17.6	84	0.6	97	07
31/03/24 23:05	1.165	10.567	11.732	0.736	17.6	84	0.8	105	06
31/03/24 23:10	1.439	10.466	11.905	0.616	17.6	84	0.8	90	11
31/03/24 23:15	1.454	10.551	12.005	0.555	17.5	84	1.0	92	06
31/03/24 23:20	1.290	11.255	12.545	0.569	17.6	84	0.6	101	13
31/03/24 23:25	1.560	13.461	15.021	0.620	17.6	83	0.6	97	13
31/03/24 23:30	1.482	14.061	15.542	0.532	17.5	83	0.6	57	10
31/03/24 23:35	1.708	14.804	16.512	0.654	17.6	83	0.3	75	18
31/03/24 23:40	2.606	17.170	19.776	0.652	17.5	84	0.4	71	17
31/03/24 23:45	3.465	19.308	22.773	0.858	17.5	84	0.4	97	09
31/03/24 23:50	3.076	14.270	17.346		17.4	84	0.4	113	08
31/03/24 23:55	7.501	20.653	28.154		17.5	84	0.4	119	14
01/04/24 00:00	2.997	16.779	19.776	0.912	17.4	85	0.4	110	06

Station Pier Ambient Air Quality Monitoring Program											
March 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/03/24 01:00	7	15.0	0.3	9.7	10.0	0.2			1.4	97	12
01/03/24 02:00	4	9.0							0.6	127	19
01/03/24 03:00	3	8.0	0.0	3.3	3.3	0.4			0.9	164	18
01/03/24 04:00	7	11.0	0.0	4.1	4.1	0.3			1.3	132	19
01/03/24 05:00	5	13.0	0.5	6.9	7.4	0.4			1.5	99	12
01/03/24 06:00	6	21.0	5.6	11.6	17.2	0.5			1.1	62	10
01/03/24 07:00	15	44.0	72.9	19.0	91.9	0.9			0.7	19	16
01/03/24 08:00	22	80.0	147.3	27.0	174.3	2.2			0.9	272	16
01/03/24 09:00	19	57.0	102.2	28.5	130.7	2.5			1.4	216	9
01/03/24 10:00	10	39.0	46.5	22.3	68.8	2.3			1.4	202	16
01/03/24 11:00	14	42.0	52.7	24.8	77.6	2.8			1.6	187	16
01/03/24 12:00	12	32.0	24.4	18.9	43.3	2.5			1.4	171	24
01/03/24 13:00	13	30.0	6.2	9.3	15.5	1.8			1.9	167	24
01/03/24 14:00	11	24.0	3.6	8.0	11.6	1.1			2.5	175	20
01/03/24 15:00	10	26.0	3.0	7.7	10.7	0.9			2.9	186	17
01/03/24 16:00	18	31.0	16.8	14.0	30.8	0.8			4.7	193	11
01/03/24 17:00	9	20.0	21.0	8.2	29.3	1.0			6.8	193	8
01/03/24 18:00	9	22.0	1.5	3.7	5.3	0.8			6.2	193	9
01/03/24 19:00	8	18.0	0.9	2.1	3.0	0.6			6.1	193	8
01/03/24 20:00	8	33.0	2.2	2.9	5.1	0.5			4.0	185	14
01/03/24 21:00	6	24.0	0.1	2.3	2.5	0.5			3.6	184	14
01/03/24 22:00	5	22.0	0.0	1.1	1.2	0.5			3.5	184	13
01/03/24 23:00	5	21.0	0.0	0.8	0.8	0.4			3.8	188	11
02/03/24 00:00	4	21.0	0.2	2.7	2.8	0.5			5.5	222	7
02/03/24 01:00	10	15.0	4.6	12.4	17.0	1.0			4.1	251	8
02/03/24 02:00	8	17.0							4.2	251	8
02/03/24 03:00	10	15.0	4.6	11.1	15.7	1.7			4.8	247	8
02/03/24 04:00	8	13.0	4.8	11.2	16.0	1.8			4.1	257	8
02/03/24 05:00	9	17.0	7.6	11.4	19.1	2.1			4.5	251	7
02/03/24 06:00	4	10.0	2.4	4.5	6.9	2.0			5.3	229	8
02/03/24 07:00	2	11.0	6.6	4.8	11.4	1.4			6.7	215	7
02/03/24 08:00	12	17.0	13.6	6.5	20.1	0.9			4.8	212	9
02/03/24 09:00	16	15.0	20.6	9.6	30.2	1.0			4.3	194	12
02/03/24 10:00	10	21.0	1.6	1.9	3.6	0.8			3.8	183	18
02/03/24 11:00	12	31.0	7.6	4.8	12.4	0.8			4.7	191	13
02/03/24 12:00	14	42.0	13.6	7.3	20.8	0.8			4.2	195	12
02/03/24 13:00	23	48.0	28.8	13.2	42.0	0.8			4.5	197	11
02/03/24 14:00	10	26.0	1.4	1.9	3.3	0.7			5.0	193	11
02/03/24 15:00	11	32.0	1.0	1.7	2.7	0.6			4.5	193	12
02/03/24 16:00	12	34.0	1.0	1.9	2.8	0.5			3.8	191	13
02/03/24 17:00	6	30.0	1.3	2.3	3.6	0.6			3.7	192	12
02/03/24 18:00	8	21.0	2.2	3.3	5.5	0.3			3.5	194	12
02/03/24 19:00	12	30.0	0.6	2.0	2.6	0.0			3.9	194	10
02/03/24 20:00	11	26.0	0.4	1.3	1.7	0.1			4.6	196	9
02/03/24 21:00	8	24.0	0.3	1.8	2.1	0.2			3.5	193	10
02/03/24 22:00	10	21.0	0.0	2.2	2.3	0.2			2.8	191	11
02/03/24 23:00	7	23.0	0.0	1.7	1.7	0.2			2.9	190	12
03/03/24 00:00	8	20.0	0.1	0.9	1.0	0.0			3.5	196	10
03/03/24 01:00	5	22.0	0.1	0.8	0.8	0.2			3.5	205	10
03/03/24 02:00	4	23.0							4.4	247	6
03/03/24 03:00	8	24.0	6.6	11.9	18.5	0.7			5.4	250	7
03/03/24 04:00	71	81.0	4.6	11.1	15.7	1.7			5.4	250	7
03/03/24 05:00	11	24.0	4.3	10.6	15.0	1.8			5.0	258	7
03/03/24 06:00	10	18.0	5.5	11.1	16.6	1.5			5.1	254	7
03/03/24 07:00	8	23.0	10.3	13.8	24.1	1.4			4.3	266	9
03/03/24 08:00	10	22.0	5.3	7.9	13.2	1.0			3.1	272	13
03/03/24 09:00	7	19.0	3.8	5.4	9.2	1.0			5.0	256	9
03/03/24 10:00	6	16.0	1.3	1.2	2.4	0.7			7.9	234	7
03/03/24 11:00	5	18.0	0.6	1.3	1.9	0.7			7.3	234	8
03/03/24 12:00	6	18.0	1.0	1.2	2.2	0.6			7.0	229	8
03/03/24 13:00	5	16.0	1.3	1.7	3.0	0.6			6.1	218	7
03/03/24 14:00	6	15.0	2.8	2.2	5.0	0.5			5.0	210	9
03/03/24 15:00	6	13.0	2.9	2.4	5.2	0.4			5.3	192	10
03/03/24 16:00	6	25.0	14.7	5.3	20.0	0.5			6.6	192	9
03/03/24 17:00	18	47.0	28.7	7.7	36.4	0.7			6.3	193	9
03/03/24 18:00	25	51.0	76.3	14.7	91.0	4.8			6.5	192	9
03/03/24 19:00	19	45.0	46.0	6.8	52.8	4.8			6.6	192	9
03/03/24 20:00	18	40.0	24.1	8.1	32.3	2.8			6.0	192	10
03/03/24 21:00	15	37.0	42.3	9.0	51.3	3.1			5.3	192	10
03/03/24 22:00	14	39.0	1.4	1.4	2.7	1.1			4.3	182	18
03/03/24 23:00	9	31.0	0.1	0.4	0.5	0.6			3.7	157	22
04/03/24 00:00	8	32.0	0.0	0.3	0.4	0.4			3.4	170	21
04/03/24 01:00	8	36.0	-0.1	0.6	0.5	0.3			3.6	174	20
04/03/24 02:00	8	30.0							3.7	171	20
04/03/24 03:00	7	34.0	-0.1	0.6	0.5	0.2			3.5	163	22
04/03/24 04:00	10	42.0	0.0	0.7	0.7	0.2			3.9	153	19
04/03/24 05:00	10	45.0	0.1	0.9	1.0	0.2			3.8	116	12
04/03/24 06:00	15	51.0	0.0	2.9	2.9	0.2			3.2	114	12
04/03/24 07:00	11	54.0	0.6	7.0	7.6	0.4			3.5	109	10
04/03/24 08:00	12	46.0	2.2	7.9	10.2	0.4			3.4	108	10
04/03/24 09:00	11	36.0	2.1	3.7	5.7	0.3			3.2	117	13
04/03/24 10:00	13	30.0	1.3	2.6	3.9	0.3			2.4	160	21
04/03/24 11:00	7	31.0	0.6	1.6	2.2	0.3			3.4	186	14
04/03/24 12:00	8	31.0	0.1	0.9	1.0	0.3			4.2	192	11
04/03/24 13:00	11	32.0	0.1	0.8	0.9	0.3			4.7	196	9
04/03/24 14:00	10	30.0	0.2	0.8	1.0	0.3			6.3	201	6
04/03/24 15:00	11	24.0	0.4	0.8	1.2	0.2			6.8	204	5
04/03/24 16:00	11	25.0	0.5	1.1	1.6	0.3			7.5	209	5
04/03/24 17:00	7	27.0	0.8	1.8	2.5	0.3			7.5	210	4
04/03/24 18:00	7	26.0	0.5	1.6	2.1	0.4			5.2	198	8
04/03/24 19:00	9	27.0	0.4	1.2	1.6	0.4			4.6	188	11
04/03/24 20:00	8	21.0	0.0	0.8	0.8	0.2			4.0	189	11
04/03/24 21:00	5	20.0	0.2	0.7	0.8	0.0			3.1	195	10
04/03/24 22:00	6	30.0	0.0	3.6	3.7	-0.1			2.0	135	20
04/03/24 23:00	8	26.0	0.0	6.0	6.1	0.0			1.7	118	16
05/03/24 00:00	8	30.0	6.3	11.8	18.1	0.0			1.0	311	17
05/03/24 01:00	14	59.0	6.9	16.2	23.1	0.1			1.9	293	14
05/03/24 02:00	10	36.0							1.7	330	16
05/03/24 03:00	9	29.0							1.2	355	19
05/03/24 04:00	9	31.0							1.2	351	17
05/03/24 05:00	15	33.0							1.0	337	20
05/03/24 06:00	12	35.0							1.0	340	22
05/03/24 07:00	18	45.0							0.9	358	16
05/03/24 08:00	11	38.0							0.9	21	25
05/03/24 09:00	10	43.0							1.5	9	27
05/03/24 10:00	10	64.0							2.3	351	27
05/03/24 11:00	13	43.0							2.3	342	31
05/03/24 12:00	12	38.0							2.1	343	31

Station Pier Ambient Air Quality Monitoring Program											
March 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/03/24 13:00	8	36.0	3.4	8.8	12.2	0.7			2.1	10	32
05/03/24 14:00	7	37.0	2.1	6.2	8.3	0.3			1.8	24	32
05/03/24 15:00	10	33.0	10.1	14.4	24.5	1.3			1.0	133	19
05/03/24 16:00	10	38.0	27.9	21.4	49.4	3.7			3.0	181	15
05/03/24 17:00	9	38.0	2.5	7.1	9.6	1.7			2.6	177	16
05/03/24 18:00	6	44.0	0.6	4.7	5.2	0.6			1.1	154	28
05/03/24 19:00	14	45.0	0.7	10.8	11.5	0.7			0.8	122	32
05/03/24 20:00	11	27.0	0.1	7.0	7.1	0.7			1.4	197	22
05/03/24 21:00	12	39.0	0.2	7.1	7.3	0.8			2.4	125	16
05/03/24 22:00	7	25.0	0.2	5.0	5.2	0.6			1.7	175	25
05/03/24 23:00	14	28.0	0.0	3.5	3.5	0.6			2.6	202	8
06/03/24 00:00	8	22.0	2.2	19.5	21.7	0.5			2.2	236	9
06/03/24 01:00	12	46.0	2.1	25.0	27.1	0.5			1.6	311	14
06/03/24 02:00	17	41.0							1.5	330	15
06/03/24 03:00	14	41.0	5.3	27.4	32.6	0.6			1.3	1	10
06/03/24 04:00	14	38.0	10.7	28.2	38.9	0.5			1.0	1	12
06/03/24 05:00	21	44.0	34.3	30.8	65.2	0.8			0.4	358	17
06/03/24 06:00	24	70.0	74.3	31.5	105.8	1.1			0.9	346	18
06/03/24 07:00	19	81.0	67.8	30.7	98.5	1.4			0.9	301	24
06/03/24 08:00	18	61.0	91.7	33.2	124.9	2.4			1.1	236	12
06/03/24 09:00	27	61.0	115.3	35.9	151.1	4.8			0.6	239	18
06/03/24 10:00	18	63.0	72.1	34.5	106.6	4.5			1.1	203	13
06/03/24 11:00	8	41.0	20.3	18.1	38.5	2.4			1.9	190	15
06/03/24 12:00	11	29.0	5.2	11.9	17.1	1.9			1.8	181	18
06/03/24 13:00	10	35.0	14.0	15.0	29.1	1.4			3.5	194	11
06/03/24 14:00	16	22.0	11.1	11.6	22.7	0.7			4.1	193	11
06/03/24 15:00	13	29.0	29.6	17.8	47.4	0.9			4.4	194	10
06/03/24 16:00	36	51.0	234.0	35.9	269.9	6.7			4.5	197	11
06/03/24 17:00	31	50.0	236.8	32.8	269.6	7.1			4.3	198	12
06/03/24 18:00	17	39.0	80.5	13.4	94.0	3.7			6.8	204	7
06/03/24 19:00	7	22.0	1.2	1.8	3.0	1.2			7.5	207	4
06/03/24 20:00	10	22.0	0.3	0.8	1.2	0.7			7.1	205	5
06/03/24 21:00	10	25.0	10.5	6.1	16.7	0.5			5.1	194	9
06/03/24 22:00	7	21.0	3.6	3.9	7.6	0.5			3.1	185	16
06/03/24 23:00	6	20.0	0.0	0.9	0.9	0.5			3.5	186	14
07/03/24 00:00	6	11.0	0.0	0.4	0.4	0.4			3.8	188	13
07/03/24 01:00	6	12.0	0.0	0.7	0.7	0.6			3.2	183	16
07/03/24 02:00	5	9.0							2.4	165	23
07/03/24 03:00	2	9.0	0.0	0.7	0.6	0.7			3.6	184	14
07/03/24 04:00	10	22.0	0.0	0.5	0.5	0.4			4.0	185	13
07/03/24 05:00	7	29.0	-0.1	0.5	0.4	0.5			3.2	173	20
07/03/24 06:00	10	31.0	0.1	0.4	0.4	0.6			2.7	163	24
07/03/24 07:00	6	27.0	5.5	1.8	6.7	1.0			3.2	131	17
07/03/24 08:00	5	23.0	3.9	4.6	8.5	0.7			3.0	130	15
07/03/24 09:00	10	25.0	5.0	4.0	9.0	0.5			2.8	139	18
07/03/24 10:00	9	23.0	10.0	6.3	16.4	0.6			2.6	174	20
07/03/24 11:00	7	26.0	9.0	6.1	15.1	0.7			3.8	190	12
07/03/24 12:00	9	17.0	13.8	7.1	20.9	0.5			4.7	193	8
07/03/24 13:00	10	16.0	7.5	3.4	10.9	0.4			4.7	193	8
07/03/24 14:00	9	14.0	4.8	3.0	7.8	0.4			4.7	194	9
07/03/24 15:00	7	16.0	8.7	5.4	14.1	0.6			5.1	203	11
07/03/24 16:00	7	20.0	13.5	5.0	18.5	0.5			5.5	195	10
07/03/24 17:00	11	22.0	34.0	12.4	46.3	0.6			6.5	194	7
07/03/24 18:00	19	39.0	51.6	11.2	62.8	1.1			5.6	190	10
07/03/24 19:00	11	32.0	0.4	1.2	1.6	0.3			4.1	184	13
07/03/24 20:00	11	36.0	0.1	0.7	0.8	0.2			3.3	178	19
07/03/24 21:00	12	26.0	0.0	0.6	0.6	0.3			2.6	164	24
07/03/24 22:00	13	31.0	0.0	0.8	0.8	0.3			2.3	176	22
07/03/24 23:00	14	26.0	0.0	0.7	0.7	0.1			3.1	191	10
08/03/24 00:00	9	21.0	0.0	1.0	1.0	0.2			2.8	175	17
08/03/24 01:00	8	22.0	0.0	1.9	1.9	0.5			3.0	140	17
08/03/24 02:00	7	19.0							2.7	140	19
08/03/24 03:00	7	18.0	0.1	2.5	2.6	0.9			2.7	139	17
08/03/24 04:00	10	20.0	0.1	2.6	2.7	1.0			1.9	128	19
08/03/24 05:00	14	46.0	0.1	4.1	4.2	1.0			1.3	103	14
08/03/24 06:00	8	19.0	0.2	8.2	8.4	1.0			0.7	154	26
08/03/24 07:00	11	26.0	10.9	17.8	25.0	1.2			0.8	106	23
08/03/24 08:00	17	24.0	20.4	17.2	37.6	1.7			0.6	244	20
08/03/24 09:00	18	44.0	19.3	14.8	34.1	2.0			1.5	266	19
08/03/24 10:00	19	41.0	22.7	15.0	37.6	2.2			1.2	193	25
08/03/24 11:00	19	42.0	19.6	13.8	33.3	2.2			1.4	170	25
08/03/24 12:00	18	41.0	17.2	14.9	32.1	1.9			2.1	190	16
08/03/24 13:00	18	35.0	12.2	13.9	26.2	1.6			2.6	191	14
08/03/24 14:00	17	38.0	8.7	14.3	22.9	1.3			2.7	191	13
08/03/24 15:00	21	47.0	15.0	21.0	36.0	1.2			2.9	205	10
08/03/24 16:00	23	49.0	26.1	33.5	59.6	1.2			3.2	208	8
08/03/24 17:00	17	46.0	6.8	13.1	19.9	1.2			1.8	182	18
08/03/24 18:00	14	44.0	3.6	14.6	18.1	1.0			3.0	202	9
08/03/24 19:00	15	39.0	4.3	7.0	11.3	1.0			3.4	214	6
08/03/24 20:00	12	35.0	0.2	2.2	2.4	0.8			3.6	232	6
08/03/24 21:00	15	37.0	0.8	16.0	16.7	0.8			3.3	261	8
08/03/24 22:00	16	42.0	0.7	15.6	16.3	0.9			2.1	288	14
08/03/24 23:00	19	42.0	0.5	16.2	16.7	0.9			1.7	310	16
09/03/24 00:00	16	41.0	0.3	13.3	13.6	0.9			1.4	312	17
09/03/24 01:00	20	55.0	2.7	25.2	27.9	1.0			1.0	344	25
09/03/24 02:00	20	45.0							0.8	330	25
09/03/24 03:00	25	45.0	2.4	23.2	25.6	1.1			0.8	28	10
09/03/24 04:00	21	39.0	0.6	17.5	18.2	1.2			0.8	60	9
09/03/24 05:00	33	50.0	2.1	21.0	23.2	1.3			0.9	35	9
09/03/24 06:00	27	50.0	27.7	24.8	52.6	1.6			0.9	6	19
09/03/24 07:00	38	59.0	36.6	24.8	61.5	1.8			1.0	26	13
09/03/24 08:00	28	45.0	16.1	24.3	40.3	1.8			0.3	171	24
09/03/24 09:00	27	61.0	12.0	22.4	34.5	1.8			0.6	157	29
09/03/24 10:00	17	125.0	2.2	7.1	9.3	1.5			4.7	3	26
09/03/24 11:00	11	72.0	1.2	5.5	6.7	1.2			4.1	358	27
09/03/24 12:00	13	51.0	0.9	4.8	5.7	1.1			3.7	354	30
09/03/24 13:00	10	42.0	0.7	4.3	5.0	1.1			4.1	356	27
09/03/24 14:00	6	47.0	0.5	4.0	4.5	1.1			4.1	4	27
09/03/24 15:00	9	44.0	0.5	3.9	4.4	1.0			3.6	359	28
09/03/24 16:00	11	39.0	0.6	4.2	4.8	1.0			3.1	358	30
09/03/24 17:00	8	37.0	0.7	4.8	5.6	0.9			3.0	349	26
09/03/24 18:00	9	35.0	0.6	5.4	6.0	1.0			2.7	358	29
09/03/24 19:00	10	37.0	0.6	6.4	6.9	1.1			3.0	17	21
09/03/24 20:00	9	34.0	0.5	6.8	7.2	0.9			2.4	21	21
09/03/24 21:00	11	30.0	0.9	9.3	10.2	1.0			2.7	20	19
09/03/24 22:00	11	35.0	1.5	9.2	10.7	1.6			2.8	20	19
09/03/24 23:00	11	36.0	1.2	8.2	9.4	1.3			2.4	24	20
10/03/24 00:00	12	33.0	1.0	7.0	8.0	1.1			2.6	23	17

Station Pier Ambient Air Quality Monitoring Program											
March 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/03/24 01:00	10	35.0	0.8	4.6	5.5	1.0			2.8	22	18
10/03/24 02:00	9	24.0							1.7	10	25
10/03/24 03:00	7	28.0	0.1	3.0	3.1	0.9			2.1	14	22
10/03/24 04:00	6	22.0	-0.2	2.8	2.6	0.9			2.8	11	23
10/03/24 05:00	6	28.0	0.7	5.4	6.1	0.7			2.0	5	28
10/03/24 06:00	12	29.0	4.6	8.4	13.0	0.5			2.5	18	19
10/03/24 07:00	8	27.0	0.5	4.6	5.1	0.3			3.0	13	21
10/03/24 08:00	6	27.0	3.3	6.0	9.3	0.3			3.8	7	21
10/03/24 09:00	6	33.0	7.6	9.5	17.1	0.3			4.0	16	19
10/03/24 10:00	7	39.0	7.3	9.7	17.1	0.4			4.1	6	23
10/03/24 11:00	10	29.0	2.2	5.0	7.2	0.4			4.0	7	24
10/03/24 12:00	7	28.0	2.2	5.1	7.2	0.2			4.1	11	23
10/03/24 13:00	7	32.0	1.9	4.4	6.3	0.2			3.4	1	26
10/03/24 14:00	6	29.0	1.0	3.3	4.3	0.4			3.0	351	28
10/03/24 15:00	5	28.0	0.8	3.3	4.1	0.3			2.7	332	31
10/03/24 16:00	4	21.0	0.4	3.2	3.6	0.4			2.0	330	34
10/03/24 17:00	4	26.0	0.5	3.8	4.4	0.4			2.1	4	26
10/03/24 18:00	11	27.0	0.5	4.4	4.9	0.3			2.4	32	19
10/03/24 19:00	12	28.0	1.2	11.8	12.9	0.3			2.1	39	16
10/03/24 20:00	16	35.0	1.6	18.3	19.9	0.6			1.8	33	16
10/03/24 21:00	12	35.0	1.2	12.3	13.5	0.7			2.2	21	18
10/03/24 22:00	16	36.0	10.7	12.7	23.4	0.6			2.3	216	13
10/03/24 23:00	12	27.0	0.5	5.3	5.8	0.6			1.2	176	14
11/03/24 00:00	10	26.0	0.1	4.6	4.7	0.6			1.8	209	6
11/03/24 01:00	13	33.0	0.1	5.1	5.2	0.5			1.5	228	6
11/03/24 02:00	10	31.0							0.8	270	12
11/03/24 03:00	17	29.0	0.5	16.7	17.2	0.6			0.7	298	18
11/03/24 04:00	18	31.0	0.1	15.5	15.7	0.7			0.6	247	12
11/03/24 05:00	8	23.0	0.1	7.7	7.8	0.9			0.9	121	16
11/03/24 06:00	14	33.0	0.0	6.2	6.3	0.7			0.3	88	26
11/03/24 07:00	22	37.0	1.7	14.4	16.1	0.8			1.2	17	16
11/03/24 08:00	13	34.0	1.5	12.7	14.2	0.9			1.8	11	21
11/03/24 09:00	14	29.0	2.1	10.5	12.6	0.9			2.9	9	20
11/03/24 10:00	8	23.0	2.2	7.0	9.1	0.6			3.3	10	20
11/03/24 11:00	9	29.0	2.2	6.5	8.6	0.6			3.1	18	20
11/03/24 12:00	7	25.0	1.0	4.3	5.2	0.4			3.0	352	31
11/03/24 13:00	4	24.0	0.8	3.6	4.4	0.6			3.3	357	29
11/03/24 14:00	2	17.0	0.7	3.4	4.1	0.5			2.9	345	33
11/03/24 15:00	3	15.0	0.8	3.6	4.4	0.5			3.5	317	25
11/03/24 16:00	4	32.0	0.8	3.9	4.6	0.4			3.3	337	30
11/03/24 17:00	7	22.0	0.7	4.3	5.0	0.6			2.9	327	32
11/03/24 18:00	4	23.0	0.6	4.8	5.3	0.5			2.8	314	26
11/03/24 19:00	6	24.0	0.5	9.3	9.8	0.6			1.9	4	26
11/03/24 20:00	6	24.0	0.4	9.8	10.3	0.6			2.2	18	21
11/03/24 21:00	4	26.0	0.2	9.6	9.8	0.7			2.9	15	19
11/03/24 22:00	7	32.0	0.4	8.2	8.6	0.6			2.2	18	21
11/03/24 23:00	7	32.0	0.3	8.7	9.0	1.0			1.8	288	17
12/03/24 00:00	4	27.0	0.4	12.9	13.4	1.2			1.1	356	16
12/03/24 01:00	4	18.0	0.2	12.9	13.1	0.9			1.3	351	17
12/03/24 02:00	2	26.0							0.4	306	30
12/03/24 03:00	5	23.0	0.4	9.4	9.8	1.0			0.9	340	32
12/03/24 04:00	10	34.0	0.0	6.6	6.7	0.9			1.7	342	29
12/03/24 05:00	11	35.0	0.1	12.4	12.5	0.8			1.4	354	24
12/03/24 06:00	8	25.0	1.3	17.4	18.6	0.9			1.9	218	23
12/03/24 07:00	5	29.0	1.9	16.9	18.7	0.8			0.7	95	21
12/03/24 08:00	6	28.0	3.4	14.3	17.7	0.7			3.3	199	9
12/03/24 09:00	11	33.0	1.8	3.2	5.0	0.8			4.6	199	7
12/03/24 10:00	12	28.0	0.5	1.6	2.1	0.7			6.5	206	5
12/03/24 11:00	11	18.0	0.0	0.7	0.8	0.5			6.9	203	5
12/03/24 12:00	8	18.0	0.9	1.3	2.2	0.5			6.4	200	5
12/03/24 13:00	7	17.0	2.1	2.0	4.1	0.4			5.2	197	9
12/03/24 14:00	6	24.0	0.5	0.7	1.2	0.5			2.7	179	19
12/03/24 15:00	14	26.0	0.3	0.7	1.0	0.4			2.9	185	16
12/03/24 16:00	10	31.0	0.1	0.7	0.8	0.3			2.7	189	14
12/03/24 17:00	9	31.0	0.1	0.9	1.0	0.4			2.7	190	13
12/03/24 18:00	10	27.0	0.1	1.4	1.5	0.5			2.9	192	12
12/03/24 19:00	8	28.0	0.1	2.1	2.3	0.4			2.0	181	19
12/03/24 20:00	7	24.0	0.1	1.6	1.7	0.5			2.4	151	22
12/03/24 21:00	6	19.0	0.1	1.9	2.0	0.5			2.3	168	23
12/03/24 22:00	6	16.0	-0.1	1.3	1.2	0.4			3.2	139	18
12/03/24 23:00	5	19.0	-0.1	1.5	1.4	0.5			2.9	135	17
13/03/24 00:00	3	24.0	-0.1	1.4	1.3	0.5			2.9	121	14
13/03/24 01:00	7	28.0	0.1	1.3	1.4	1.0			2.1	135	18
13/03/24 02:00	6	25.0							2.1	171	19
13/03/24 03:00	5	24.0	0.1	0.8	0.9	0.8			1.9	169	18
13/03/24 04:00	6	21.0	0.1	0.5	0.6	0.8			1.8	159	20
13/03/24 05:00	9	25.0	0.1	0.4	0.5	0.8			1.2	155	22
13/03/24 06:00	10	29.0	13.5	7.7	21.2	1.0			2.4	197	12
13/03/24 07:00	11	19.0	12.9	6.3	19.1	1.0			2.3	192	15
13/03/24 08:00											
13/03/24 09:00											
13/03/24 10:00											
13/03/24 11:00			15.0	5.4	20.4	1.2	19.1	82	3.1	200	9
13/03/24 12:00	6	22.0	3.9	3.2	7.0	1.3	18.8	85	2.4	203	13
13/03/24 13:00	13	22.0	14.7	8.6	23.3	1.3	19.7	79	2.7	196	13
13/03/24 14:00	7	27.0	30.9	9.7	40.6	1.8	19.7	78	2.4	190	16
13/03/24 15:00	8	19.0	2.7	2.1	4.8	1.7	19.4	78	3.4	207	7
13/03/24 16:00	6	23.0	3.8	2.2	6.0	1.4	19.9	75	3.5	202	8
13/03/24 17:00	7	24.0	11.1	3.9	15.0	1.4	20.6	70	2.1	188	16
13/03/24 18:00	7	26.0	0.8	2.2	3.0	1.3	20.6	70	1.9	191	16
13/03/24 19:00	7	24.0	0.2	1.8	2.1	1.0	19.8	75	1.8	195	13
13/03/24 20:00	5	29.0	0.1	1.7	1.9	1.1	19.8	77	1.8	176	20
13/03/24 21:00	4	30.0	0.9	6.5	7.4	1.1	19.8	77	2.0	191	13
13/03/24 22:00	8	27.0	0.6	4.6	5.2	1.1	19.6	76	1.1	170	20
13/03/24 23:00	8	29.0	0.1	2.4	2.5	1.1	19.7	77	2.8	205	8
14/03/24 00:00	6	31.0	0.0	1.4	1.5	0.9	19.7	79	2.8	200	10
14/03/24 01:00	7	28.0	0.2	1.0	1.2	1.1	19.8	80	4.3	216	5
14/03/24 02:00	5	28.0					19.6	80	4.2	231	6
14/03/24 03:00	2	22.0	2.3	11.7	14.0	1.1	18.9	77	3.8	256	8
14/03/24 04:00	3	23.0	3.1	12.4	15.4	1.3	18.2	83	3.4	265	7
14/03/24 05:00	5	25.0	12.3	14.7	27.0	1.5	18.1	85	3.2	252	8
14/03/24 06:00	11	29.0	10.7	11.6	22.3	1.7	18.1	85	1.0	201	12
14/03/24 07:00	7	32.0	1.3	9.6	10.9	1.5	18.6	83	1.8	108	13
14/03/24 08:00	6	24.0	1.1	5.7	6.8	1.4	19.1	84	1.7	135	22
14/03/24 09:00	5	25.0	1.6	3.8	5.4	1.3	19.8	80	1.5	143	22
14/03/24 10:00	3	23.0	1.2	2.6	3.8	1.4	21.6	75	1.9	175	20
14/03/24 11:00	1	18.0	1.0	2.4	3.5	1.3	22.2	72	3.1	188	13
14/03/24 12:00	1	15.0	0.4	1.7	2.1	1.3	22.3	72	3.9	197	9

Station Pier Ambient Air Quality Monitoring Program											
March 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/03/24 13:00	0	14.0	0.5	1.3	1.8	1.2	21.4	82	8.0	202	4
14/03/24 14:00	5	25.0	0.2	0.7	0.8	0.9	21.1	80	8.5	201	5
14/03/24 15:00	5	29.0	1.0	1.5	2.5	0.9	21.6	72	6.5	195	8
14/03/24 16:00	3	27.0	0.7	1.3	2.0	1.1	21.6	70	7.1	198	7
14/03/24 17:00	1	24.0	0.2	1.0	1.2	1.2	21.5	69	6.4	193	9
14/03/24 18:00	6	28.0	0.2	0.9	1.2	1.0	20.7	71	4.8	184	14
14/03/24 19:00	7	34.0	0.1	0.8	0.9	1.0	20.2	73	4.3	181	16
14/03/24 20:00	5	29.0	0.1	0.5	0.6	0.9	19.8	74	4.0	179	17
14/03/24 21:00	3	33.0	0.1	0.4	0.6	0.9	19.7	76	4.3	180	16
14/03/24 22:00	1	28.0	0.1	0.6	0.7	0.9	19.6	79	3.5	167	24
14/03/24 23:00	0	18.0	0.1	0.6	0.6	1.0	19.4	82	3.3	156	25
15/03/24 00:00	0	14.0	0.0	0.7	0.7	1.1	19.5	81	3.9	140	16
15/03/24 01:00	2	16.0	0.1	0.8	0.9	0.3	19.3	82	3.5	140	17
15/03/24 02:00	2	12.0					19.2	82	4.4	135	14
15/03/24 03:00	2	10.0	-0.1	2.0	1.9	0.2	18.7	84	4.3	135	14
15/03/24 04:00	4	24.0	-0.2	3.5	3.3	0.2	18.1	86	2.8	114	13
15/03/24 05:00	6	22.0	0.1	6.8	6.9	0.2	17.8	87	3.5	111	12
15/03/24 06:00	5	40.0	0.3	9.4	9.7	0.1	17.8	87	4.5	106	9
15/03/24 07:00	6	52.0	2.8	13.4	16.2	0.3	17.7	86	4.7	101	9
15/03/24 08:00	9	54.0	5.1	9.4	14.5	0.7	18.6	82	4.1	103	8
15/03/24 09:00	7	39.0	6.1	7.3	13.4	0.7	20.2	74	3.2	107	10
15/03/24 10:00	4	32.0	3.9	5.4	9.3	0.6	21.8	64	1.4	112	22
15/03/24 11:00	1	21.0	1.7	3.6	5.3	0.4	23.3	58	1.3	150	22
15/03/24 12:00	2	14.0	1.0	2.6	3.6	0.2	23.0	63	2.2	211	11
15/03/24 13:00	2	15.0	0.6	2.6	3.2	0.1	24.4	58	2.2	206	12
15/03/24 14:00	1	10.0	0.6	2.6	3.2	0.1	24.3	63	3.5	211	4
15/03/24 15:00	1	10.0	0.5	2.3	2.8	0.0	25.3	61	3.3	199	9
15/03/24 16:00	-1	26.0	0.4	2.4	2.8	0.0	26.8	53	2.5	175	23
15/03/24 17:00	0	19.0	0.6	2.7	3.4	0.0	26.3	52	3.5	146	19
15/03/24 18:00	3	22.0	0.7	3.1	3.8	-0.1	25.7	51	3.6	124	16
15/03/24 19:00	4	20.0	0.4	3.5	3.9	0.0	24.4	56	3.1	122	17
15/03/24 20:00	5	27.0	0.1	4.0	4.1	0.0	22.9	61	4.3	112	10
15/03/24 21:00	3	43.0	0.2	4.4	4.7	-0.2	21.7	63	3.8	102	9
15/03/24 22:00	8	29.0	0.6	5.6	6.2	-0.2	20.9	67	1.9	102	12
15/03/24 23:00	5	32.0	0.1	4.3	4.4	-0.1	20.3	71	2.7	107	6
16/03/24 00:00	2	29.0	0.1	4.9	5.0	-0.2	19.5	73	2.3	105	8
16/03/24 01:00	1	29.0	0.2	6.4	6.5	0.5	18.7	74	1.7	104	7
16/03/24 02:00	0	14.0					18.1	75	1.1	92	8
16/03/24 03:00	6	26.0	5.2	13.5	18.7	0.7	17.7	80	1.4	347	23
16/03/24 04:00	6	29.0					17.4	82	1.5	314	20
16/03/24 05:00	4	19.0	9.2	15.3	24.5	1.1	17.3	83	0.6	342	28
16/03/24 06:00	4	24.0	14.4	15.5	29.8	1.2	16.8	85	0.6	40	23
16/03/24 07:00	6	20.0	16.5	14.2	30.7	1.0	16.6	83	1.2	48	7
16/03/24 08:00	6	22.0	16.4	12.7	29.1	0.5	18.5	74	1.0	64	17
16/03/24 09:00	4	26.0	13.8	10.9	24.7	0.4	21.0	59	1.5	11	31
16/03/24 10:00	3	29.0	5.8	7.9	13.7	0.3	23.7	47	2.5	33	25
16/03/24 11:00	0	29.0	3.2	4.3	7.5	0.1	25.8	36	2.6	17	29
16/03/24 12:00	-2	21.0	1.4	3.9	5.3	0.0	27.0	34	1.5	343	44
16/03/24 13:00	5	19.0	0.9	3.1	4.0	0.0	28.0	33	1.5	349	40
16/03/24 14:00	6	17.0	0.5	2.8	3.3	-0.1	28.3	43	1.3	130	27
16/03/24 15:00	4	22.0	0.4	3.4	3.8	0.0	27.0	56	2.8	170	20
16/03/24 16:00	7	25.0	0.4	3.1	3.5	-0.2	27.1	55	3.0	171	18
16/03/24 17:00	6	21.0	0.2	2.2	2.3	0.0	27.2	55	2.9	183	15
16/03/24 18:00	6	20.0	0.1	1.7	1.8	0.0	26.6	59	2.3	173	28
16/03/24 19:00	5	20.0	0.0	2.2	2.1	0.3	25.5	62	2.6	145	22
16/03/24 20:00	6	25.0	0.2	5.0	5.2	0.2	25.4	56	3.3	111	7
16/03/24 21:00	6	42.0	0.1	9.2	9.3	0.4	25.1	47	2.4	98	10
16/03/24 22:00	5	30.0	0.1	10.4	10.4	0.3	24.0	49	1.8	99	8
16/03/24 23:00	1	37.0	0.2	12.3	12.5	0.1	23.0	56	1.9	106	6
17/03/24 00:00	2	28.0	0.9	13.8	14.7	0.1	22.4	58	1.5	102	9
17/03/24 01:00	4	19.0	1.5	11.0	12.5	0.5	21.7	57	1.0	70	13
17/03/24 02:00	3	21.0					21.3	58	1.0	27	18
17/03/24 03:00	4	20.0	2.7	20.1	22.8	0.7	20.7	59	1.0	342	35
17/03/24 04:00	6	20.0	1.1	12.6	13.7	0.6	20.2	59	1.0	21	22
17/03/24 05:00	6	16.0	0.3	7.2	7.5	0.6	20.8	53	1.9	2	26
17/03/24 06:00	3	22.0	1.4	5.6	7.0	0.5	20.7	58	2.3	7	24
17/03/24 07:00	2	18.0	1.5	6.4	8.0	0.7	20.4	62	2.3	6	25
17/03/24 08:00	2	15.0	3.5	7.1	10.6	0.4	21.3	62	1.6	1	30
17/03/24 09:00	0	17.0	4.8	6.1	10.8	0.5	23.2	57	2.1	13	24
17/03/24 10:00	-2	26.0	3.2	5.2	8.4	0.5	25.2	50	2.5	5	30
17/03/24 11:00	3	25.0	1.8	4.4	6.2	0.2	26.7	44	2.3	3	29
17/03/24 12:00	5	18.0	1.7	3.5	5.2	0.1	27.6	41	1.8	358	35
17/03/24 13:00	5	19.0	4.7	9.2	13.9	0.1	28.7	40	0.2	224	43
17/03/24 14:00	15	33.0	7.7	13.9	21.7	0.6	27.0	60	2.4	180	20
17/03/24 15:00	13	37.0	1.3	5.9	7.2	0.4	26.6	59	2.5	187	14
17/03/24 16:00	9	31.0	1.0	5.1	6.1	0.2	26.6	59	2.9	191	14
17/03/24 17:00	4	27.0	0.8	3.7	4.5	0.1	26.2	63	2.9	183	16
17/03/24 18:00	5	30.0	0.2	1.8	2.0	0.2	26.1	58	3.1	157	25
17/03/24 19:00	6	23.0	0.0	2.2	2.2	0.2	25.4	54	3.7	133	17
17/03/24 20:00	4	22.0	0.1	2.3	2.4	0.2	24.5	56	3.2	122	19
17/03/24 21:00	7	27.0	0.0	3.5	3.5	0.1	23.8	57	2.5	118	18
17/03/24 22:00	9	35.0	0.2	6.6	6.8	0.2	23.4	56	1.6	104	16
17/03/24 23:00	8	33.0	0.1	5.7	5.8	0.2	22.8	56	0.8	87	21
18/03/24 00:00	8	39.0	0.2	10.4	10.6	0.0	22.0	61	0.8	309	25
18/03/24 01:00	13	44.0	2.9	27.9	30.8	1.0	21.1	66	1.4	318	15
18/03/24 02:00	12	35.0					20.3	69	1.7	316	14
18/03/24 03:00	11	29.0	0.7	19.7	20.5	1.5	19.8	71	1.3	323	19
18/03/24 04:00	9	27.0	4.4	25.7	30.2	1.7	19.4	70	1.0	339	19
18/03/24 05:00	7	27.0	11.2	26.3	37.5	2.0	19.2	69	1.1	354	15
18/03/24 06:00	9	32.0	15.5	26.1	41.6	1.8	18.9	71	1.2	49	13
18/03/24 07:00	14	35.0	32.3	24.5	56.8	1.8	18.9	71	0.5	39	19
18/03/24 08:00	15	60.0	60.6	28.5	89.1	2.2	20.5	65	0.8	67	18
18/03/24 09:00	11	40.0	24.9	21.4	46.3	2.1	23.6	54	1.2	34	26
18/03/24 10:00	6	36.0	13.9	15.0	28.9	1.8	26.1	47	2.1	23	24
18/03/24 11:00	0	20.0	2.2	5.5	7.7	1.4	27.9	42	2.4	9	26
18/03/24 12:00	-3	20.0	1.5	4.4	5.8	1.2	29.1	39	3.0	36	19
18/03/24 13:00	0	23.0	1.2	4.1	5.3	1.1	30.0	36	1.9	21	33
18/03/24 14:00	4	25.0	0.9	3.9	4.8	1.1	30.9	32	1.8	48	32
18/03/24 15:00	5	22.0	0.5	3.4	4.0	1.2	29.8	44	1.4	134	27
18/03/24 16:00	5	20.0	0.2	2.3	2.5	1.3	28.1	54	1.7	171	31
18/03/24 17:00	6	18.0	0.0	2.2	2.2	1.3	27.8	55	1.6	166	32
18/03/24 18:00	9	27.0	0.0	2.1	2.1	1.3	27.8	56	1.8	160	33
18/03/24 19:00	7	25.0	0.0	2.8	2.8	1.4	27.2	58	1.2	139	27
18/03/24 20:00	9	37.0	0.1	4.3	4.4	1.2	26.3	62	2.4	113	7
18/03/24 21:00	8	35.0	0.2	14.6	14.8	1.5	26.5	51	1.2	98	18
18/03/24 22:00	11	24.0	0.3	12.1	12.3	1.3	27.1	43	2.3	59	13
18/03/24 23:00	11	24.0	0.3	8.2	8.5	1.3	25.6	49	1.5	50	13
19/03/24 00:00	22	34.0	0.5	14.6	15.1	1.4	24.4	53	0.7	26	17

Station Pier Ambient Air Quality Monitoring Program											
March 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/03/24 01:00	16	33.0	0.4	12.8	13.2	0.9	23.5	56	0.7	27	16
19/03/24 02:00	16	28.0					22.9	58	0.9	48	9
19/03/24 03:00	21	37.0	0.3	12.1	12.4	0.6	22.5	57	1.1	36	17
19/03/24 04:00	13	33.0	0.3	9.2	9.4	0.7	23.6	50	2.5	25	18
19/03/24 05:00	10	32.0	0.4	8.4	8.8	0.7	24.6	49	3.0	20	19
19/03/24 06:00	7	32.0	0.5	11.3	11.8	0.7	24.5	52	3.6	10	19
19/03/24 07:00	6	49.0	1.9	15.9	17.8	0.8	24.1	55	3.6	20	19
19/03/24 08:00	7	54.0	5.2	16.1	21.3	0.7	25.0	55	3.4	19	19
19/03/24 09:00	6	87.0	3.6	11.5	15.2	0.7	27.0	52	4.5	13	22
19/03/24 10:00	5	158.0	2.3	8.9	11.2	0.6	27.3	53	4.6	355	29
19/03/24 11:00	6	86.0	2.5	8.0	10.5	0.6	27.8	53	5.1	5	25
19/03/24 12:00	6	112.0	1.8	6.5	8.3	0.5	28.7	52	5.3	3	26
19/03/24 13:00	6	49.0	1.6	6.5	8.1	0.5	28.3	54	4.4	354	29
19/03/24 14:00	6	27.0	1.5	7.2	8.7	0.5	27.9	56	3.8	338	30
19/03/24 15:00	5	24.0	1.3	9.1	10.4	0.6	27.9	58	3.2	329	31
19/03/24 16:00	4	19.0	0.8	4.1	4.9	0.8	24.8	70	3.7	203	12
19/03/24 17:00	6	24.0	26.6	18.0	44.6	0.7	23.6	77	3.7	183	17
19/03/24 18:00	8	27.0	51.5	24.0	75.4	1.0	21.8	79	3.9	188	13
19/03/24 19:00	8	27.0	30.7	13.9	44.6	0.9	22.1	75	3.8	207	9
19/03/24 20:00	8	22.0	0.2	1.7	1.9	0.7	22.0	70	5.7	225	6
19/03/24 21:00	6	21.0	2.4	11.1	13.5	0.8	21.7	63	2.7	248	16
19/03/24 22:00	3	27.0	1.2	8.0	9.2	1.1	21.7	63	5.9	248	8
19/03/24 23:00	2	9.0	2.7	7.3	10.1	1.1	19.4	74	8.7	245	8
20/03/24 00:00	2	8.0	2.3	4.8	7.1	0.9	17.4	76	7.3	252	8
20/03/24 01:00	1	8.0	0.8	4.8	5.6	1.2	17.4	74	5.3	259	9
20/03/24 02:00	6	8.0					17.4	75	6.3	255	10
20/03/24 03:00	6	15.0	2.3	7.3	9.7	1.3	17.0	73	7.2	250	9
20/03/24 04:00	5	9.0	2.1	5.7	7.7	1.3	16.2	73	6.8	253	9
20/03/24 05:00	4	8.0	2.5	7.5	10.0	1.3	15.5	75	6.6	257	8
20/03/24 06:00	2	12.0	2.0	8.0	10.0	1.3	15.2	76	5.7	259	9
20/03/24 07:00	1	22.0	7.1	13.7	20.8	1.4	14.9	73	5.9	256	10
20/03/24 08:00	1	18.0	4.9	7.6	12.6	1.4	15.1	68	7.6	253	8
20/03/24 09:00	4	16.0	2.9	3.3	6.3	1.3	15.6	65	8.2	243	8
20/03/24 10:00	4	17.0	1.2	1.3	2.5	1.0	16.1	62	8.4	235	9
20/03/24 11:00	2	15.0	0.8	1.1	1.9	0.9	16.8	60	9.6	229	7
20/03/24 12:00	3	18.0	45.3	11.0	56.3	2.1	17.2	60	7.2	214	10
20/03/24 13:00	6	19.0	48.2	14.3	62.5	3.2	17.5	56	7.0	209	10
20/03/24 14:00	6	24.0	83.4	14.7	98.2	5.3	18.3	50	5.8	199	11
20/03/24 15:00	6	24.0	85.4	18.8	104.2	5.5	18.5	50	6.0	195	12
20/03/24 16:00	9	18.0	87.7	19.3	107.0	3.6	18.4	45	5.6	194	11
20/03/24 17:00	15	35.0	96.5	24.9	121.4	2.6	17.9	55	5.0	193	11
20/03/24 18:00	12	28.0	76.9	15.6	92.5	2.8	17.9	53	6.0	196	9
20/03/24 19:00	6	19.0	37.7	11.1	48.9	1.6	17.1	56	6.1	196	8
20/03/24 20:00	6	16.0	70.7	16.5	87.2	1.6	16.8	52	5.2	193	9
20/03/24 21:00	7	23.0	62.4	13.2	75.6	1.7	16.7	51	4.9	192	10
20/03/24 22:00	6	24.0	70.7	16.1	86.8	1.6	16.8	53	4.5	192	10
20/03/24 23:00	5	25.0	35.1	10.8	45.8	1.3	16.7	53	2.8	178	21
21/03/24 00:00	3	24.0	39.9	12.1	52.0	1.2	16.7	53	2.9	175	21
21/03/24 01:00	4	20.0	36.6	11.0	47.6	0.9	16.4	53	2.5	160	16
21/03/24 02:00	3	30.0					15.4	54	2.7	94	12
21/03/24 03:00	0	19.0	0.2	10.1	10.3	0.5	14.6	54	2.2	66	12
21/03/24 04:00	5	23.0	8.2	16.2	24.4	0.9	13.9	58	1.1	352	21
21/03/24 05:00	4	29.0	19.0	18.7	37.7	1.1	13.4	60	1.2	331	20
21/03/24 06:00	9	37.0	34.4	19.7	54.0	1.4	13.1	63	0.9	314	19
21/03/24 07:00	11	48.0	68.3	22.0	90.4	1.5	12.5	65	0.8	34	13
21/03/24 08:00	11	55.0	112.6	27.4	140.0	2.1	14.3	60	0.6	331	25
21/03/24 09:00	6	25.0	35.1	18.7	53.7	1.6	17.2	50	1.1	123	29
21/03/24 10:00	1	15.0	3.3	4.2	7.5	0.8	18.2	46	2.5	127	16
21/03/24 11:00	0	17.0	9.8	6.3	16.1	0.5	18.9	46	2.1	173	20
21/03/24 12:00	1	19.0	31.2	10.9	42.1	0.6	18.6	51	3.7	194	11
21/03/24 13:00	3	16.0	19.1	8.7	27.8	0.6	18.7	53	4.5	198	7
21/03/24 14:00	2	16.0	6.2	2.9	9.1	0.2	19.0	51	5.2	200	5
21/03/24 15:00	0	13.0	3.5	2.4	5.9	0.3	19.4	53	5.6	201	5
21/03/24 16:00	1	15.0	0.4	1.2	1.6	0.2	19.4	59	6.4	203	5
21/03/24 17:00	1	14.0	0.6	1.1	1.7	0.2	19.7	62	6.6	201	6
21/03/24 18:00	2	26.0	36.6	11.6	48.1	0.4	20.2	61	5.2	196	9
21/03/24 19:00	5	25.0	24.1	10.6	34.6	0.6	19.2	63	3.7	168	20
21/03/24 20:00	4	15.0	0.0	1.3	1.4	0.3	18.0	65	4.4	134	13
21/03/24 21:00	5	14.0	0.0	1.4	1.4	0.2	17.4	67	3.9	141	15
21/03/24 22:00	2	11.0	0.0	1.2	1.2	0.2	17.1	67	3.6	140	15
21/03/24 23:00	-2	11.0	0.1	1.0	1.1	0.1	16.7	68	3.1	140	18
22/03/24 00:00	0	17.0	0.1	3.5	3.6	0.2	15.9	69	2.9	125	14
22/03/24 01:00	4	22.0	0.1	7.2	7.3	0.6	14.8	69	1.5	97	14
22/03/24 02:00	3	17.0					14.0	72	0.6	61	10
22/03/24 03:00	4	21.0	11.5	16.0	27.5	0.8	13.5	76	1.0	2	12
22/03/24 04:00	10	39.0	26.6	18.1	44.7	1.1	13.2	80	1.3	325	17
22/03/24 05:00	7	22.0	33.5	17.1	50.6	1.3	12.5	81	1.3	348	21
22/03/24 06:00	6	24.0	51.2	20.0	71.2	1.4	12.4	82	1.2	353	21
22/03/24 07:00	7	30.0	62.2	20.5	82.7	1.7	12.3	82	1.5	2	20
22/03/24 08:00	6	36.0	66.2	21.3	87.6	1.8	13.6	77	1.3	323	23
22/03/24 09:00	11	35.0	62.6	22.1	84.7	2.3	15.5	71	1.1	290	21
22/03/24 10:00	11	34.0	42.4	19.7	62.1	3.1	17.1	66	1.1	221	11
22/03/24 11:00	11	28.0	33.6	18.8	52.4	3.2	18.5	66	2.1	205	12
22/03/24 12:00	8	22.0	13.6	9.7	23.3	2.3	18.6	69	3.8	196	9
22/03/24 13:00	7	21.0	37.0	15.2	52.2	2.0	19.6	62	4.2	195	9
22/03/24 14:00	9	24.0	50.0	19.4	69.4	3.2	20.4	58	4.4	195	8
22/03/24 15:00	9	19.0	33.8	19.0	52.8	3.4	20.8	60	5.1	195	8
22/03/24 16:00	9	22.0	41.1	17.9	59.0	2.2	20.9	61	5.4	194	8
22/03/24 17:00	8	23.0	58.0	21.6	79.6	2.0	20.7	62	5.2	195	8
22/03/24 18:00	10	20.0	55.3	23.3	78.6	1.7	20.3	63	5.2	195	9
22/03/24 19:00	7	22.0	12.7	9.5	22.2	1.2	19.5	66	2.8	170	23
22/03/24 20:00	5	16.0	1.5	2.3	3.8	1.2	18.8	68	3.3	152	21
22/03/24 21:00	4	12.0	0.1	0.9	1.1	1.0	18.4	69	3.6	138	15
22/03/24 22:00	4	15.0	0.1	1.0	1.1	1.0	18.3	68	2.7	126	18
22/03/24 23:00	0	33.0	0.1	1.9	2.0	1.2	18.2	68	3.0	111	11
23/03/24 00:00	-1	20.0	0.2	2.6	2.8	1.0	18.0	69	2.7	113	12
23/03/24 01:00	3	24.0	0.1	5.8	5.9	0.2	17.1	69	2.5	100	10
23/03/24 02:00	3	11.0					16.6	69	1.8	88	12
23/03/24 03:00	2	9.0	0.5	10.5	11.0	0.3	16.6	72	1.7	79	13
23/03/24 04:00	2	11.0	0.2	7.9	8.1	0.1	16.5	73	1.6	76	13
23/03/24 05:00	3	14.0	0.3	9.0	9.3	0.1	16.3	73	1.4	68	14
23/03/24 06:00	8	15.0	1.2	12.5	13.8	0.1	15.6	76	1.5	49	9
23/03/24 07:00	7	15.0	4.1	17.5	21.6	0.1	15.3	76	1.2	46	10
23/03/24 08:00	4	21.0	12.7	18.8	31.4	0.2	15.7	76	2.0	88	14
23/03/24 09:00	0	11.0	4.7	6.7	11.4	0.3	16.8	80	2.9	111	11
23/03/24 10:00	0	15.0	1.9	3.6	5.5	0.1	17.6	75	3.7	131	14
23/03/24 11:00	2	17.0	2.9	2.7	5.6	0.2	18.3	71	2.9	159	21
23/03/24 12:00	0	21.0	8.7	5.8	14.6	0.2	19.4	65	2.9	179	19

Station Pier Ambient Air Quality Monitoring Program											
March 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/03/24 13:00	2	17.0	16.6	8.0	24.6	0.4	19.6	63	3.1	189	14
23/03/24 14:00	4	19.0	27.2	12.0	39.2	0.2	19.9	61	3.6	195	12
23/03/24 15:00	8	24.0	33.9	12.7	46.5	0.5	19.8	60	3.9	195	13
23/03/24 16:00	15	29.0	73.9	12.0	85.9	1.2	19.8	58	4.5	196	12
23/03/24 17:00	6	21.0	32.9	12.5	45.4	1.7	19.6	57	4.0	192	12
23/03/24 18:00	2	18.0	24.5	9.8	34.3	0.3	19.3	58	3.7	196	12
23/03/24 19:00	4	20.0	15.0	6.8	21.8	-0.1	18.2	63	3.9	193	13
23/03/24 20:00	4	24.0	7.6	4.9	12.5	-0.3	17.6	64	2.9	185	17
23/03/24 21:00	2	18.0	3.8	2.8	6.6	-0.3	17.4	64	2.4	178	20
23/03/24 22:00	1	15.0	6.9	5.7	12.5	-0.3	17.3	62	2.6	186	17
23/03/24 23:00	-1	11.0	6.9	5.1	12.0	-0.2	17.4	62	2.3	202	14
24/03/24 00:00	-3	11.0	3.5	6.6	10.1	-0.2	17.1	67	3.6	231	10
24/03/24 01:00	0	13.0	4.1	11.5	15.7	0.8	15.7	72	5.2	246	7
24/03/24 02:00	4	12.0					15.0	72	5.5	249	7
24/03/24 03:00	6	16.0	2.7	8.9	11.6	1.0	14.5	72	5.6	248	7
24/03/24 04:00	6	12.0	2.3	8.3	10.7	1.3	14.2	72	5.1	253	8
24/03/24 05:00	4	9.0	1.1	7.4	8.5	1.0	14.1	72	5.0	258	8
24/03/24 06:00	1	10.0	1.2	8.0	9.2	0.9	14.0	72	4.0	265	10
24/03/24 07:00	7	16.0	2.7	14.5	17.2	1.0	13.1	73	2.6	293	13
24/03/24 08:00	5	18.0	6.4	13.8	20.2	1.3	14.3	69	2.9	283	13
24/03/24 09:00	1	15.0	3.2	8.2	11.4	1.2	15.7	64	3.6	269	11
24/03/24 10:00	1	13.0	3.1	5.6	8.7	1.4	16.5	61	4.3	262	10
24/03/24 11:00	2	11.0	1.3	2.7	3.9	1.2	17.4	61	5.0	245	9
24/03/24 12:00	2	9.0	1.2	1.2	2.4	0.9	17.9	60	3.8	225	12
24/03/24 13:00	1	11.0	0.3	1.1	1.4	0.8	20.2	51	1.5	148	21
24/03/24 14:00	-1	14.0	0.1	1.1	1.1	0.7	20.9	49	1.6	120	14
24/03/24 15:00	-2	20.0	0.2	1.1	1.4	0.8	21.8	47	1.8	123	12
24/03/24 16:00	1	17.0	0.6	1.6	2.3	0.7	22.3	50	2.0	169	18
24/03/24 17:00	3	17.0	0.4	1.0	1.4	0.7	20.3	61	2.5	158	26
24/03/24 18:00	3	20.0	0.3	0.7	1.1	0.7	20.0	66	2.3	155	25
24/03/24 19:00	3	19.0	0.2	0.6	0.8	0.6	18.9	71	2.4	141	19
24/03/24 20:00	0	13.0	0.3	1.6	1.9	0.8	19.3	69	5.8	229	8
24/03/24 21:00	2	17.0	1.0	7.5	8.5	0.8	18.5	69	5.1	243	7
24/03/24 22:00	3	17.0	2.3	10.9	13.2	1.1	17.8	70	4.6	251	8
24/03/24 23:00	0	15.0	0.9	7.4	8.3	1.0	17.4	72	3.1	271	12
25/03/24 00:00	3	16.0	0.6	10.5	11.1	0.9	16.7	74	2.2	292	15
25/03/24 01:00	2	17.0	2.3	16.3	18.6	0.8	16.1	74	2.2	310	10
25/03/24 02:00	4	14.0					16.0	74	2.0	311	12
25/03/24 03:00	6	17.0	0.7	11.3	12.0	0.7	16.4	73	1.9	293	15
25/03/24 04:00	4	20.0	1.5	13.9	15.4	0.7	15.8	74	1.8	313	16
25/03/24 05:00	2	19.0	2.6	14.7	17.3	0.8	15.8	74	2.4	295	14
25/03/24 06:00	2	19.0	8.2	17.8	25.9	0.9	15.6	74	1.9	311	16
25/03/24 07:00	5	19.0	22.3	20.2	42.5	1.0	15.6	73	1.6	319	21
25/03/24 08:00	4	22.0	32.1	20.2	52.3	1.1	15.7	72	1.6	319	22
25/03/24 09:00	4	18.0	15.0	13.3	28.3	1.2	16.4	69	2.1	303	20
25/03/24 10:00	4	20.0	6.0	8.0	14.0	1.0	17.3	68	2.9	270	15
25/03/24 11:00	1	22.0	2.4	3.3	5.7	1.1	18.5	65	4.9	264	11
25/03/24 12:00	-1	17.0	2.9	3.8	6.8	0.7	19.8	60	3.4	239	12
25/03/24 13:00	0	17.0	9.6	7.1	16.7	0.8	21.3	58	2.0	170	21
25/03/24 14:00	-1	21.0	5.9	5.3	11.2	0.7	22.4	57	2.7	183	18
25/03/24 15:00	-1	16.0	8.4	7.4	15.9	0.6	22.8	55	3.5	192	12
25/03/24 16:00	1	19.0	9.0	9.0	18.0	0.9	22.9	55	3.8	192	11
25/03/24 17:00	1	15.0	0.7	0.9	1.6	0.7	21.7	65	2.3	160	26
25/03/24 18:00	-1	14.0	0.3	0.7	0.9	0.6	20.9	65	2.6	157	24
25/03/24 19:00	5	15.0	0.1	0.7	0.7	0.6	20.0	72	2.4	168	24
25/03/24 20:00	5	23.0	0.1	2.0	2.1	0.7	19.3	75	2.5	175	21
25/03/24 21:00	5	23.0	0.1	3.4	3.5	0.6	19.1	75	2.0	162	24
25/03/24 22:00	10	38.0	0.0	1.9	1.9	0.5	18.5	76	2.1	105	9
25/03/24 23:00	6	20.0	0.2	6.2	6.4	0.7	17.8	73	1.6	70	11
26/03/24 00:00	3	22.0	0.2	7.1	7.4	0.5	18.2	72	2.3	231	17
26/03/24 01:00	2	17.0	0.5	5.7	6.3	0.5	18.1	68	3.4	252	8
26/03/24 02:00	-1	11.0					18.0	68	3.0	250	9
26/03/24 03:00	2	11.0	0.6	6.0	6.6	0.7	17.8	70	3.5	254	8
26/03/24 04:00	3	8.0	0.5	4.2	4.7	0.7	17.1	72	3.0	268	11
26/03/24 05:00	4	16.0	1.1	10.1	11.2	0.8	16.1	77	4.1	254	8
26/03/24 06:00	5	13.0	2.6	11.0	13.6	0.8	15.1	84	4.3	252	9
26/03/24 07:00	4	14.0	4.9	15.5	20.4	0.8	14.5	86	2.5	287	15
26/03/24 08:00	5	23.0	9.4	15.8	25.2	0.9	15.2	83	2.4	287	15
26/03/24 09:00	2	13.0	7.9	9.2	17.0	0.9	15.8	82	4.4	263	9
26/03/24 10:00	0	8.0	4.9	7.7	12.6	0.9	16.7	76	2.9	252	10
26/03/24 11:00	1	5.0	1.9	2.8	4.7	0.8	18.0	67	2.2	212	10
26/03/24 12:00	-1	9.0	2.3	3.6	5.8	0.9	19.4	63	2.1	194	16
26/03/24 13:00	-1	16.0	1.8	2.5	4.3	0.9	20.1	59	2.0	187	17
26/03/24 14:00	2	18.0	1.2	1.9	3.1	0.9	22.1	51	1.6	166	24
26/03/24 15:00	3	22.0	1.0	2.0	3.0	0.8	21.9	52	1.9	169	17
26/03/24 16:00	4	14.0	0.2	0.7	1.0	0.7	21.1	57	2.4	155	22
26/03/24 17:00	4	17.0	0.0	0.7	0.7	0.5	21.1	60	2.8	173	20
26/03/24 18:00	3	15.0	0.1	0.5	0.6	0.6	20.6	65	2.8	178	20
26/03/24 19:00	2	14.0	0.1	1.1	1.2	0.7	19.4	69	4.3	188	11
26/03/24 20:00	2	11.0	0.0	1.0	0.9	0.4	19.1	72	4.7	188	10
26/03/24 21:00	0	15.0	0.0	2.4	2.4	0.4	19.0	75	2.6	171	24
26/03/24 22:00	1	12.0	0.0	1.6	1.6	0.5	18.9	74	2.3	178	19
26/03/24 23:00	3	9.0	0.1	0.6	0.8	0.3	18.8	74	2.9	188	12
27/03/24 00:00	2	12.0	-0.1	1.5	1.4	0.0	18.6	72	1.8	162	14
27/03/24 01:00	2	11.0	-0.1	3.8	3.7	0.9	17.8	78	1.9	168	16
27/03/24 02:00	0	7.0					18.2	81	5.1	211	6
27/03/24 03:00	-1	5.0	0.4	1.2	1.6	1.0	18.1	80	4.6	208	7
27/03/24 04:00	2	10.0	1.1	6.6	7.7	1.1	16.7	85	4.3	239	7
27/03/24 05:00	5	12.0	8.0	12.4	20.4	1.4	16.0	86	3.2	250	8
27/03/24 06:00	13	21.0	17.0	14.4	31.4	1.6	15.7	86	1.5	280	19
27/03/24 07:00	11	24.0	30.0	16.5	46.5	1.9	15.4	86	1.5	346	18
27/03/24 08:00	9	25.0	23.6	15.1	38.7	2.0	15.8	87	1.4	302	23
27/03/24 09:00	10	29.0	46.7	13.7	60.4	2.1	16.4	86	0.6	279	25
27/03/24 10:00	7	20.0	10.5	7.8	18.2	1.9	17.7	84	3.5	226	14
27/03/24 11:00	5	16.0	1.9	4.2	6.1	1.6	18.0	83	4.0	215	6
27/03/24 12:00	4	13.0	4.5	5.3	9.8	1.6	19.0	76	3.7	203	6
27/03/24 13:00	2	11.0	6.1	5.1	11.2	1.6	19.9	71	4.8	200	7
27/03/24 14:00	-1	9.0	2.8	2.4	5.2	1.5	20.9	64	4.0	191	12
27/03/24 15:00	1	7.0	1.3	1.8	3.1	1.4	21.0	63	4.4	192	11
27/03/24 16:00	3	11.0	0.3	0.6	0.9	1.4	20.0	68	5.5	194	8
27/03/24 17:00	2	11.0	0.2	0.9	1.0	1.2	20.1	64	4.8	193	10
27/03/24 18:00	0	16.0	0.2	0.9	1.1	1.1	19.7	65	4.2	195	9
27/03/24 19:00	0	16.0	0.3	2.2	2.5	1.2	18.6	70	4.3	194	9
27/03/24 20:00	3	15.0	0.1	0.8	0.9	1.2	18.2	70	4.5	189	11
27/03/24 21:00	2	20.0	0.1	0.9	0.9	1.2	18.1	72	3.8	184	13
27/03/24 22:00	3	18.0	0.1	0.8	0.9	1.0	18.2	71	2.9	173	21
27/03/24 23:00	3	16.0	0.0	0.5	0.5	1.1	18.2	69	2.6	169	25
28/03/24 00:00	2	9.0	-0.1	0.5	0.3	1.1	18.1	66	3.0	155	22

Station Pier Ambient Air Quality Monitoring Program											
March 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/03/24 01:00	2	31.0	0.0	0.8	0.8	0.7	17.8	71	2.8	115	14
28/03/24 02:00	3	17.0					17.7	69	2.6	163	17
28/03/24 03:00	1	15.0	0.0	0.8	0.8	0.4	17.7	65	2.4	177	19
28/03/24 04:00	-2	14.0	0.0	0.5	0.5	0.5	17.6	65	2.7	170	23
28/03/24 05:00	0	11.0	3.9	5.3	9.2	0.6	17.4	63	2.9	164	15
28/03/24 06:00	2	11.0	0.3	0.7	0.9	0.6	17.3	66	3.0	127	17
28/03/24 07:00	2	14.0	2.6	4.1	6.8	0.4	17.1	68	2.5	126	16
28/03/24 08:00	2	15.0	5.3	5.6	10.9	0.6	17.3	63	2.4	140	19
28/03/24 09:00	2	15.0	4.6	5.9	10.5	0.6	17.5	62	2.7	126	13
28/03/24 10:00	-1	5.0	2.5	3.7	6.2	0.7	18.1	59	2.5	137	17
28/03/24 11:00	2	4.0	1.3	3.7	5.0	0.6	18.7	59	2.0	155	24
28/03/24 12:00	1	12.0	3.4	4.3	7.7	0.5	19.6	58	2.1	177	20
28/03/24 13:00	-2	10.0	1.9	2.5	4.4	0.6	19.3	61	3.7	200	8
28/03/24 14:00	-1	8.0	1.1	1.3	2.4	0.6	19.2	63	4.7	202	5
28/03/24 15:00	-2	10.0	0.3	0.7	1.1	0.7	19.5	65	5.0	202	6
28/03/24 16:00	-1	11.0	0.4	0.9	1.3	0.5	19.6	65	5.3	201	5
28/03/24 17:00	1	7.0	0.2	0.6	0.8	0.5	19.2	67	5.8	203	5
28/03/24 18:00	0	12.0	0.5	1.8	2.3	0.7	19.1	70	6.2	201	6
28/03/24 19:00	1	14.0	0.1	0.6	0.7	0.7	18.4	73	4.7	194	9
28/03/24 20:00	0	17.0	-0.1	1.5	1.4	0.3	18.2	74	3.7	179	13
28/03/24 21:00	-3	10.0	0.0	1.7	1.7	0.4	17.6	75	2.6	128	16
28/03/24 22:00	-3	13.0	0.1	0.7	0.8	0.6	17.4	78	2.1	145	22
28/03/24 23:00	-2	14.0	0.0	1.5	1.6	0.7	17.0	79	1.4	116	16
29/03/24 00:00	0	12.0	0.2	4.8	5.0	0.7	16.3	81	1.1	92	15
29/03/24 01:00	17	24.0	1.6	10.0	11.5	0.8	15.7	82	1.2	54	9
29/03/24 02:00	2	13.0					16.1	80	1.7	95	12
29/03/24 03:00	3	15.0	0.3	5.1	5.4	1.0	15.4	83	0.7	118	18
29/03/24 04:00	7	17.0	0.4	7.5	7.9	1.1	14.7	86	1.2	340	15
29/03/24 05:00	6	15.0	0.6	12.6	13.2	1.0	15.0	84	2.1	315	9
29/03/24 06:00	4	18.0	5.0	15.6	20.6	1.1	14.7	86	1.3	328	15
29/03/24 07:00	4	17.0	27.5	18.9	46.4	1.1	14.4	86	1.1	351	20
29/03/24 08:00	6	18.0	15.3	15.2	30.5	1.1	15.2	80	0.8	23	18
29/03/24 09:00	17	37.0	13.9	13.4	27.3	1.4	17.0	72	1.3	48	18
29/03/24 10:00	31	43.0	8.2	11.2	19.4	1.7	19.5	63	1.2	31	35
29/03/24 11:00	27	51.0	3.6	9.4	13.0	1.9	22.9	50	1.7	26	26
29/03/24 12:00	21	46.0	1.2	5.5	6.7	1.5	25.6	37	1.8	332	36
29/03/24 13:00	25	46.0	0.7	4.8	5.5	1.3	23.9	57	1.7	190	29
29/03/24 14:00	33	50.0	0.5	4.4	4.8	1.4	22.5	70	2.4	176	24
29/03/24 15:00	34	47.0	0.7	5.4	6.0	1.4	23.5	66	1.8	172	26
29/03/24 16:00	24	40.0	0.6	5.5	6.0	1.4	23.7	65	1.4	154	30
29/03/24 17:00	17	39.0	0.3	3.2	3.5	1.3	23.7	66	1.3	169	30
29/03/24 18:00	29	44.0	0.0	3.4	3.5	1.2	22.8	71	2.5	188	15
29/03/24 19:00	36	56.0	0.1	2.7	2.8	1.1	20.5	80	3.3	195	12
29/03/24 20:00	19	41.0	0.0	2.6	2.7	1.1	20.1	83	4.7	217	4
29/03/24 21:00	37	49.0	0.0	4.9	4.9	1.1	20.1	79	2.5	187	13
29/03/24 22:00	45	57.0	0.3	5.2	5.6	1.4	19.5	75	1.0	131	20
29/03/24 23:00	32	55.0	1.1	15.8	16.9	1.4	18.8	81	1.1	250	16
30/03/24 00:00	23	46.0	1.2	19.9	21.1	1.6	17.8	87	1.5	283	13
30/03/24 01:00	27	49.0	0.3	16.2	16.6	1.6	17.0	87	1.3	317	16
30/03/24 02:00	29	43.0					16.2	88	1.6	326	13
30/03/24 03:00	26	44.0	0.9	21.3	22.2	1.5	15.8	89	1.3	341	18
30/03/24 04:00	29	38.0	1.2	23.2	24.4	1.5	15.2	90	1.4	349	15
30/03/24 05:00	31	46.0	1.3	22.3	23.6	1.5	15.1	89	0.8	349	19
30/03/24 06:00	25	55.0	13.8	27.8	41.6	1.9	15.5	87	1.3	347	19
30/03/24 07:00	32	43.0	13.4	24.3	37.7	1.9	15.6	89	1.4	326	20
30/03/24 08:00	32	41.0	1.3	9.3	10.6	1.8	16.0	91	1.3	349	23
30/03/24 09:00	32	39.0	1.2	7.9	9.1	1.5	16.4	90	0.8	313	22
30/03/24 10:00	30	47.0	2.5	8.8	11.3	1.9	18.7	79	1.2	186	17
30/03/24 11:00	33	48.0	1.7	6.3	8.0	1.8	19.8	75	1.4	172	23
30/03/24 12:00	32	48.0	1.0	4.8	5.8	1.6	20.5	73	1.3	168	21
30/03/24 13:00	28	38.0	0.8	4.8	5.6	1.6	19.8	81	2.9	199	9
30/03/24 14:00	25	35.0	1.7	4.3	6.0	1.4	20.1	80	4.1	201	4
30/03/24 15:00	16	33.0	0.4	1.5	1.8	1.8	22.6	67	2.2	188	15
30/03/24 16:00	10	26.0	0.2	1.4	1.6	1.7	23.4	64	2.2	186	15
30/03/24 17:00	8	25.0	0.8	3.2	4.0	1.4	22.8	70	2.1	188	15
30/03/24 18:00	11	18.0	0.5	1.3	1.9	1.4	22.1	74	2.3	196	13
30/03/24 19:00	10	22.0	0.1	2.2	2.3	1.2	21.0	79	3.2	205	7
30/03/24 20:00	10	24.0	0.0	3.3	3.3	1.0	20.9	78	2.1	135	18
30/03/24 21:00	10	19.0	0.2	2.6	2.8	1.0	19.5	78	2.8	128	16
30/03/24 22:00	9	17.0	0.2	1.4	1.6	0.9	18.6	85	2.6	139	18
30/03/24 23:00	9	18.0	0.0	1.0	1.1	1.0	18.5	85	2.3	149	22
31/03/24 00:00	10	20.0	0.0	0.7	0.8	1.0	18.3	87	1.8	151	21
31/03/24 01:00	8	22.0	0.0	0.6	0.7	0.6	17.9	87	1.5	142	19
31/03/24 02:00	16	27.0					17.1	90	1.2	97	14
31/03/24 03:00	9	17.0	0.2	2.7	2.9	0.3	16.5	91	0.8	76	14
31/03/24 04:00	10	15.0	0.1	4.1	4.2	0.4	16.2	91	0.5	30	30
31/03/24 05:00	13	19.0	0.1	2.8	2.9	0.5	16.1	91	1.7	81	19
31/03/24 06:00	10	19.0	0.9	4.0	4.8	0.5	15.9	92	2.0	83	12
31/03/24 07:00	12	14.0	4.3	4.9	9.3	0.4	15.7	92	2.6	96	10
31/03/24 08:00	16	28.0	10.4	8.9	19.3	0.4	15.7	92	1.6	107	16
31/03/24 09:00	19	32.0	8.2	8.4	16.6	0.7	16.2	89	1.1	111	19
31/03/24 10:00	24	39.0	4.2	6.8	11.0	1.0	16.6	88	1.1	151	19
31/03/24 11:00	28	40.0	4.4	7.1	11.5	1.0	16.9	85	1.1	163	22
31/03/24 12:00	30	38.0	2.6	5.3	7.9	1.1	17.4	82	1.4	141	19
31/03/24 13:00	37	47.0	3.1	4.1	7.2	1.9	19.2	73	1.3	172	22
31/03/24 14:00	123	123.0	0.9	6.2	7.0	1.5	19.4	75	2.4	196	13
31/03/24 15:00	130	141.0	0.3	5.5	5.8	1.3	19.5	78	2.9	211	8
31/03/24 16:00	93	99.0	3.4	10.2	13.6	1.4	20.7	76	2.8	200	12
31/03/24 17:00	25	35.0	26.5	8.3	34.8	1.9	20.9	78	3.9	202	6
31/03/24 18:00	10	26.0	0.2	2.6	2.8	1.1	20.6	82	4.2	213	4
31/03/24 19:00	12	22.0	0.1	2.7	2.8	0.7	20.6	84	2.9	221	4
31/03/24 20:00	14	30.0	0.2	4.3	4.5	0.6	20.6	77	2.0	139	14
31/03/24 21:00	11	23.0	0.2	5.1	5.3	0.6	19.6	75	1.7	133	16
31/03/24 22:00	8	23.0	0.1	5.4	5.6	0.5	18.8	80	1.7	140	16
31/03/24 23:00	7	21.0	0.4	6.8	7.3	0.5	18.2	83	1.1	106	14
01/04/24 00:00	12	24.0	2.5	14.4	16.9	0.7	17.5	84	0.5	94	11

Station Pier Ambient Air Quality Monitoring Program

March 2024

1-Day Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
1/03/2024	10	28	22.2	10.4	32.6	1.1			2.4	187	14
2/03/2024	10	23	5.4	5.2	10.6	0.8			3.9	209	10
3/03/2024	13	29	12.2	5.9	18.1	1.4			4.6	218	10
4/03/2024	9	33	0.7	2.6	3.3	0.2			3.3	177	13
5/03/2024	11	38							0.2	325	22
6/03/2024	16	40	48.7	19.5	68.2	2.0			2.4	202	13
7/03/2024	9	23	7.3	3.4	10.7	0.5			3.5	181	15
8/03/2024	15	36	8.2	12.7	20.8	1.2			1.4	198	16
9/03/2024	17	48	5.0	11.9	16.9	1.2			2.2	7	22
10/03/2024	9	29	2.2	6.6	8.7	0.5			2.1	8	21
11/03/2024	9	27	0.8	8.2	9.0	0.7			1.7	350	21
12/03/2024	8	25	0.6	4.9	5.5	0.6			2.2	188	17
13/03/2024	7	25	6.5	3.8	10.3	1.2			2.2	189	15
14/03/2024	4	25	1.7	3.8	5.5	1.2	20.1	78	3.5	194	13
15/03/2024	3	26	1.1	4.6	5.8	0.1	21.6	69	2.6	129	13
16/03/2024	4	25	4.0	7.9	11.9	0.3	22.8	60	0.8	100	20
17/03/2024	5	25	1.7	6.9	8.7	0.4	23.9	56	0.5	87	23
18/03/2024	8	30	7.6	13.0	20.6	1.5	24.8	55	0.8	49	21
19/03/2024	8	43	6.2	10.3	16.5	0.7	24.2	61	1.4	307	18
20/03/2024	5	19	37.7	11.3	48.9	2.0	16.8	61	5.4	224	10
21/03/2024	3	22	19.6	9.3	28.9	0.7	17.0	58	2.3	171	14
22/03/2024	7	24	30.2	14.1	44.3	1.8	17.1	69	1.6	179	14
23/03/2024	3	17	12.6	8.7	21.3	0.2	17.7	67	1.9	169	14
24/03/2024	2	15	1.6	5.9	7.5	0.9	17.4	65	2.8	243	12
25/03/2024	3	19	5.7	8.5	14.1	0.8	18.5	69	1.1	232	17
26/03/2024	2	13	1.8	4.7	6.4	0.7	18.4	70	2.2	218	14
27/03/2024	4	15	6.7	5.1	11.9	1.4	18.2	75	3.0	202	13
28/03/2024	0	13	1.2	2.4	3.6	0.6	18.1	67	2.7	172	14
29/03/2024	21	37	3.6	8.8	12.4	1.3	19.3	74	0.4	195	19
30/03/2024	21	35	1.9	8.7	10.6	1.5	18.7	82	0.9	186	17
31/03/2024	28	39	3.2	5.7	8.9	0.8	18.1	84	1.2	159	15

Valid Data Exception Table

March 2024

GHD Station Pier

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/03/24 00:00	13/03/24 07:10	Instrument fault - unrealistic reading	AT, RH	AN	26/04/24
01/03/24 01:00	31/03/24 01:55	Automatic calibration checks occurring every night between 01:00 and 01:55	NO, NO ₂ , NO _x , SO ₂	AN	26/04/24
01/03/24 00:00	01/04/24 00:00	Internal reference checks occurring every night between approximately 23:45 and 23:50 followed by intermittent instrument stabilisations	SO ₂	AN	26/04/24
02/03/24 10:40	31/03/24 08:50	Intermittent instrument fault - unrealistic readings	NO, NO _x , NO ₂	AN	26/04/24
05/03/24 02:00	05/03/24 11:50	Instrument fault- instrument stuck in calibration mode	NO, NO ₂ , NO _x , SO ₂	AN	26/04/24
05/03/24 11:55	05/03/24 11:55	Non scheduled maintenance - fix the instrument fault	NO, NO ₂ , NO _x , SO ₂	AN	26/04/24
05/03/24 12:00	01/04/24 00:00	Static offset of +0.5 ppb applied to correct the SO ₂ baseline drop due to logger setting error	SO ₂	AN	26/04/24
13/03/24 07:00	13/03/24 10:00	Scheduled 3 monthly maintenance	All parameters	AN	26/04/24
16/03/24 03:30	16/03/24 03:55	Power interruption and instrument stabilisation	NO, NO ₂ , NO _x , SO ₂	AN	26/04/24

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



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→ **The Power of Commitment**