IR QUALITY IN HONG KONG 2011

Air Science Group

Environmental Protection Department

The Government of the Hong Kong Special Administrative Region

A report on the results from the Air Quality Monitoring Network (AQMN) (2011)

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Summary

This report summarises the 2011 air quality monitoring data collected by the Environmental Protection Department's monitoring network comprising 11 general stations and 3 roadside stations.

As a result of the enhanced vehicle emission control programme implemented by the Government since 2000, concentrations of respirable suspended particulates (RSP) and sulphur dioxide (SO₂) at roadside have reduced substantially over the past decade. However, the level of roadside nitrogen dioxide (NO₂) has shown an upward trend during the period. Additional control measures are being introduced to reduce its concentration.

Thanks to the joint control efforts of the Hong Kong Special Administrative Region Government and the Guangdong Provincial Government in cutting emissions in the Pearl River Delta (PRD) Region, the ambient levels of SO_2 and RSP have also reduced in recent years. However, concentrations of ozone, a major constituent of photochemical smog, were on a slow rising trend over the past years. The two governments will continue to implement measures to alleviate photochemical smog and ozone problem in the PRD Region.

As in previous years, concentrations of carbon monoxide and lead in 2011 remained at levels well below their respective Air Quality Objectives limits.

Fine suspended particulates (FSP or PM2.5) was previously measured at 5 of the stations in the monitoring network while ozone was monitored at the 11 general stations only. Extending the measurement of PM2.5 and ozone to all the general and roadside stations in the monitoring network started in 2011.

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1. Introduction

The Environmental Protection Department (EPD) operates a network of 14 air quality monitoring stations for measuring concentrations of major air pollutants. It consists of 11 general stations for monitoring ambient air quality and three roadside stations for measuring street level air quality. Details of these monitoring stations are shown in Table B1 of Appendix B.

Additional monitoring facilities specifically designed for collecting Toxic Air Pollutants (TAPs) samples have been installed at the Tsuen Wan and Central/Western monitoring stations since 1997.

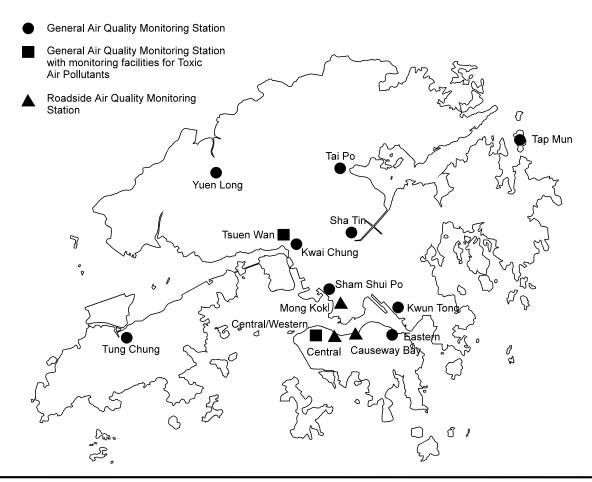


Figure 1: Location of EPD's Air Quality Monitoring Stations (2011)

Apart from EPD's network, the Hongkong Electric Co. Ltd. (HEC) and the CLP Power Hong Kong Limited (CLP) also operate a number of monitoring stations to assess the ambient levels of sulphur dioxide and nitrogen dioxide in the vicinity of their power generating stations. The locations of these monitoring stations and the relevant monitoring results in 2011 are at Appendix D.

2. Gaseous Pollutants

2.1 Sulphur Dioxide (SO₂)

Sulphur dioxide (SO₂) is formed primarily from the combustion of sulphur-containing fossil fuels. In Hong Kong, power stations and marine vessels are the major source of SO₂, followed by fuel combustion equipment and motor vehicles.

Exposure to high levels of SO_2 may cause impairment of respiratory function and aggravate existing respiratory and cardiac illnesses. Prolonged exposure at lower levels may also increase the risk of developing chronic respiratory diseases.

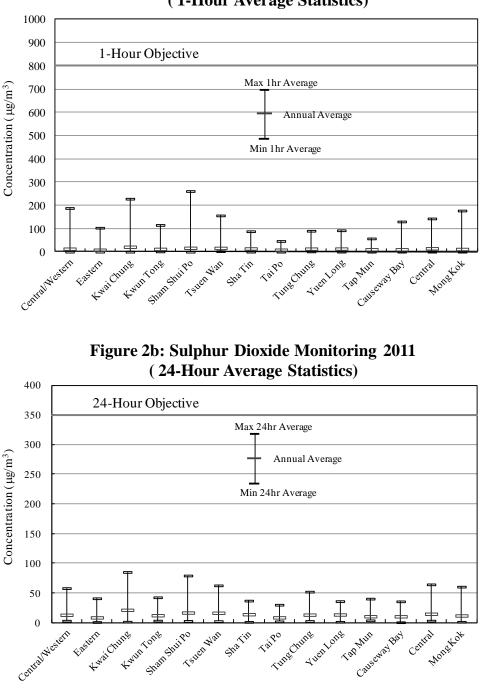


Figure 2a: Sulphur Dioxide Monitoring 2011 (1-Hour Average Statistics)

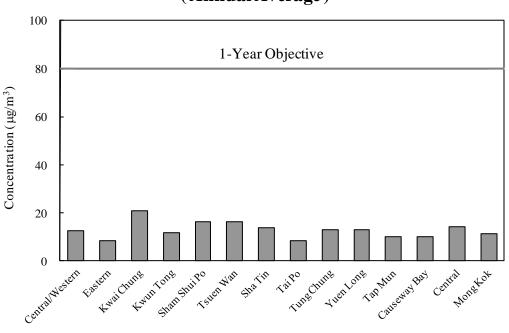


Figure 2c: Sulphur Dioxide Monitoring 2011 (Annual Average)

Sulphur dioxide was continuously measured at all the 14 monitoring stations during 2011. As in previous years, SO₂ concentrations remained low throughout the territory. All of the 14 monitoring stations complied with the relevant short and long term Hong Kong Air Quality Objectives¹ (AQOs) for SO₂. Both the highest 1-hour average (261 μ g/m³) and the highest 24-hour average (79 μ g/m³) in the year were recorded at the Sham Shui Po general station. As for the annual average, the Kwai Chung station recorded the highest value (21 μ g/m³) in the year. The highest 1-hour average, 24-hour average and annual average were all well below their respective AQO limits.

2.2 Nitrogen Oxides (NOx) and Nitrogen Dioxide (NO₂)

The various chemical species of the oxides of nitrogen are collectively termed as nitrogen oxides. From an air pollution standpoint, the most important nitrogen oxides in the atmosphere are nitric oxide (NO) and nitrogen dioxide (NO₂). In the context of air pollution, these two gases are often mentioned as NOx. They are usually produced in combustion processes. Emissions from power stations and motor vehicles are the two major sources of NOx in Hong Kong. NOx emissions from motor vehicles have greater impact on roadside air quality.

Nitrogen dioxide (NO₂) is mainly formed from the oxidation of nitric oxide (NO) emitted from fuel combustion. Long-term exposure to NO₂ can lower a person's resistance to respiratory infections and aggravate existing chronic respiratory diseases.

Nitrogen dioxide was continuously measured at all the 14 monitoring stations during 2010. In 2011, the highest 1-hour average (511 μ g/m³) and the highest 24-hour average (252 μ g/m³) were recorded at the roadside stations of Causeway Bay and Central respectively. All the general stations complied with the 1-hour AQO (i.e., no general station recorded more than 3 counts of exceedance with the 1-hour AQO limit in the year).

¹ Details of the Hong Kong Air Quality Objectives can be found in Appendix A.

For the 24-hour AQO, all general stations were in compliance except Sham Shui Po general station which recorded more than one count of exceedance with the 24-hour AQO limit in the year. Non-compliance with the 1-hour and 24-hour AQO for NO_2 was recorded at all the three roadside stations.

As in previous years, all general stations complied with the annual AQO for NO₂ in 2011 while non-compliance was observed at all the three roadside stations. The highest annual average $(124 \ \mu g/m^3)$ was recorded at the Causeway Bay roadside station in the year.

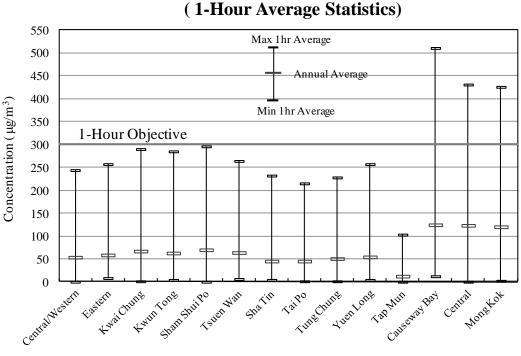
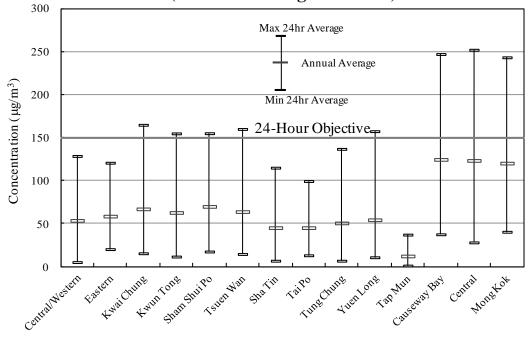


Figure 3a: Nitrogen Dioxide Monitoring 2011 (1-Hour Average Statistics)

Figure 3b: Nitrogen Dioxide Monitoring 2011 (24-Hour Average Statistics)



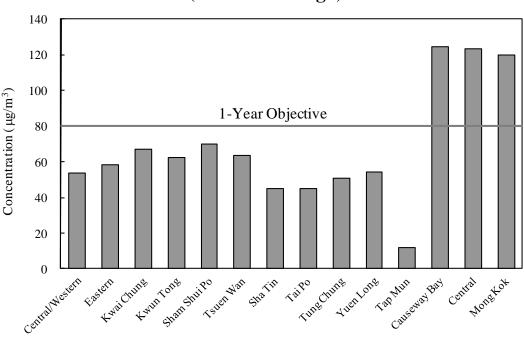


Figure 3c: Nitrogen Dioxide Monitoring 2011 (Annual Average)

2.3 Ozone (O₃)

Ozone (O_3) is a major constituent of photochemical smog. It is not a pollutant directly emitted from man-made sources but formed by photochemical reactions of primary pollutants such as nitrogen oxides (NOx) and volatile organic compounds (VOCs) under sunlight. As it takes several hours for these photochemical reactions to take place, ozone recorded in one place could be attributed to VOC and NOx emissions from places afar. Hence, ozone is a regional air pollution problem.

Being a strong oxidant, ozone can cause irritation to the eyes, nose and throat even at low concentrations. At elevated levels, it can increase a person's susceptibility to respiratory infections and aggravate pre-existing respiratory illnesses such as asthma.

In the past, ozone was monitored at the 11 general stations. Starting from January 2011, the measurement of ozone was extended to the three roadside stations.

Among the 11 general stations, four of them recorded non-compliance with the 1-hour AQO in 2011 (i.e., the 1-hour AQO limit was exceeded more than three times in the year). The highest 1-hour average (316 μ g/m³) was recorded at the Tap Mun station.

All the three roadside stations complied with the 1-hour AQO in the year. At the roadside, the nitric oxide emitted from motor vehicles readily reacts with ozone to form NO₂, thereby removing ozone. Because of such ozone scavenging effect, the ozone concentrations at the roadside are significantly lower than those at the general stations.

In Hong Kong, elevated ozone incidents are mostly associated with very hot, fine and calm weather conditions in the region, which favour the formation via photochemical reactions and accumulation of ozone. Such weather conditions mostly occur in summer

and autumn, especially when Hong Kong and the Pearl River Delta Region is under the influence of subsiding air induced by a tropical cyclone located in the Western Pacific Ocean near Taiwan.

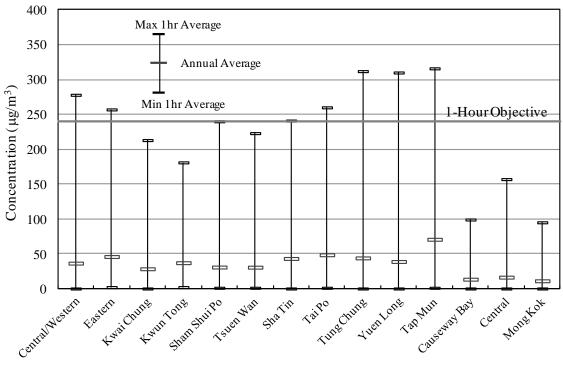


Figure 4a: Ozone Monitoring 2011 (1-Hour Average Statistics)

2.4 Carbon Monoxide (CO)

Carbon monoxide (CO) comes mainly from vehicular emissions although a small amount of which may also come from flue gases of factories and power stations. When it enters the bloodstream, CO can reduce oxygen delivery to the body's organs and tissues. Typical symptoms of CO poisoning include shortness of breath, chest pain, headaches, and loss of co-ordination. The health threat from CO is more severe for those who suffer from heart diseases.

Carbon monoxide was continuously monitored at seven stations including four general stations and three roadside stations during 2011. Similar to previous years, both the ambient and roadside CO concentrations remained very low throughout the year. All the seven monitoring stations complied with the 1-hour and 8-hour AQOs for CO. In 2011, the highest 1-hour average (4030 μ g/m³) and the highest 8-hour average (3309 μ g/m³) were both recorded at the Causeway Bay roadside station; these values were around one seventh and one third of the respective AQO limits.

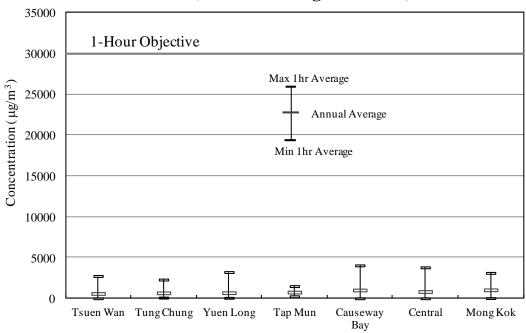
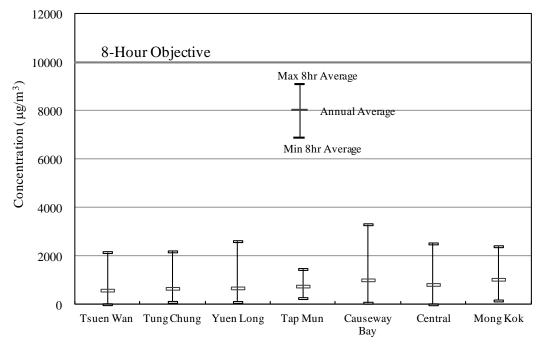


Figure 5a: Carbon Monoxide Monitoring 2011 (1-Hour Average Statistics)

Figure 5b: Carbon Monoxide Monitoring 2011 (8-Hour Average Statistics)



3. Suspended Particulates

3.1 Total Suspended Particulates (TSP)

Total suspended particulates (TSP) are small airborne particulates such as dust, fume and smoke with diameters less than 100 micrometres. Major sources of TSP include power stations, construction activities and vehicle exhausts. TSP can be further divided into different categories according to the sizes. Particulates with a nominal aerodynamic diameter of 10 micrometres or less are called respirable suspended particulates (RSP or PM10 for short) while the sizes of 2.5 micrometres or less are named fine suspended particulates (FSP or PM2.5 for short). The smaller the size of particulate, the greater is the concern on its health impact (see Sections 3.2 and 3.3 below). On the other hand, suspended particulates that are larger than 10 micrometres in diameter mainly cause soiling and dust nuisance.

TSP measurement was conducted by sampling using high-volume samplers at nine general stations and one roadside station during 2011. Samples are taken for 24 hours at a frequency of about one sample per six days.

All stations complied with the 24-hour AQO (260 μ g/m³) for TSP in 2011. Both the highest 24-hour average (199 μ g/m³) and annual average (102 μ g/m³) were recorded at the Mong Kok roadside station in the year. Yuen Long general station and Mong Kok roadside station exceeded the annual AQO for TSP (80 μ g/m³) in 2011. All other stations complied with the corresponding AQO.

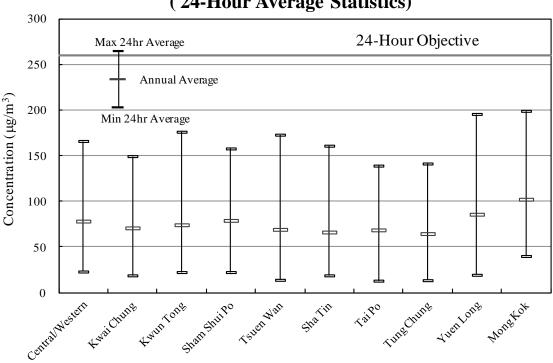


Figure 6a: TSP Monitoring 2011 (24-Hour Average Statistics)

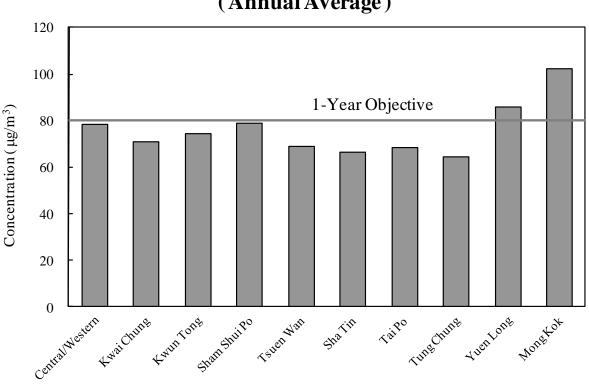


Figure 6b: TSP Monitoring 2011 (Annual Average)

3.2 Respirable Suspended Particulates (RSP)

Respirable suspended particulates (RSP) refer to those suspended particulates with nominal aerodynamic diameters of 10 micrometres or less. Combustion sources, in particular diesel vehicle exhaust and emissions from power plants, are the major sources of RSP in Hong Kong. Besides, RSP can be formed by photochemical reactions of nitrogen oxides and volatile organic compounds and atmospheric oxidation of gaseous pollutants such as sulphur dioxide and nitrogen oxides. Although to a lesser extent, crustal derived dust and marine aerosols are also sources of RSP.

RSP at high levels may cause chronic and acute effects on human health, particularly the pulmonary function, as they can penetrate deep into the lungs and cause respiratory problems. These effects are enhanced if high RSP levels are associated with higher levels of other pollutants, such as SO_2 .

RSP was continuously measured at all 14 monitoring stations during 2011. Most of these stations were also equipped with high-volume sampler to collect particulate samples for chemical analysis.

In 2011, all stations complied with the 24-hour AQO of RSP. The annual AQO limit of RSP (55 μ g/m³) was exceeded at two roadside stations namely Causeway Bay and Central in the year. The highest 24-hour average (173 μ g/m³) was recorded at Yuen Long general station while the highest annual average (66 μ g/m³) was recorded at the Causeway Bay roadside station.

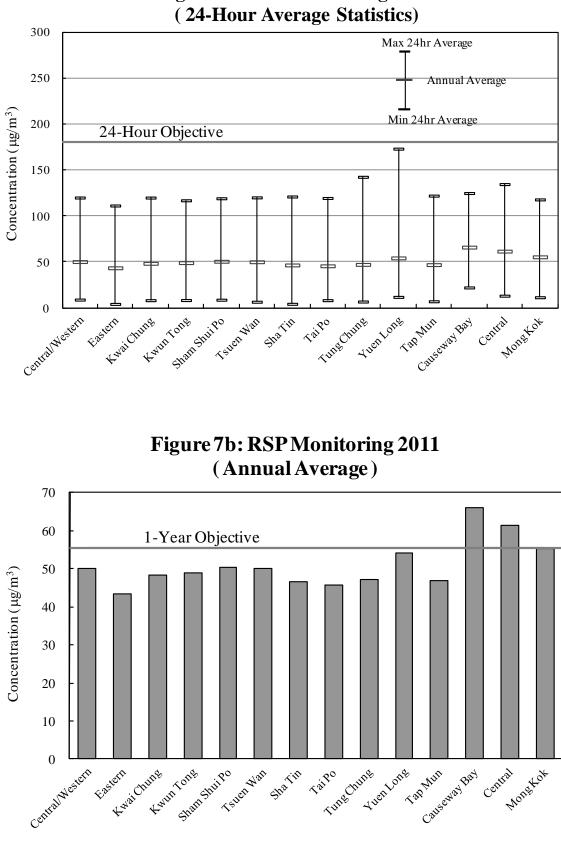


Figure 7a: RSP Monitoring 2011

3.3 Fine Suspended Particulates (FSP)

Fine suspended particulates (FSP or PM2.5) refer to those suspended particulates with nominal aerodynamic diameters of 2.5 micrometres or less, which is the finer component of RSP. PM2.5 is able to penetrate to the deepest parts of the lung because of its small size, hence poses a higher risk to health. Besides, PM2.5 also causes visibility impairment in air.

PM2.5 was measured at five stations in the network over the past years. The measurement has been extended to the whole network since the fourth quarter of 2011. In 2011, five general stations and two roadside stations had full year monitoring data while the remaining seven monitoring stations had not collected sufficient data for the calculation of annual averages. In the year, the highest 24-hour average ($109 \ \mu g/m^3$) was recorded at Yuen Long general station while the highest annual average ($39 \ \mu g/m^3$) was recorded at the Central roadside station.

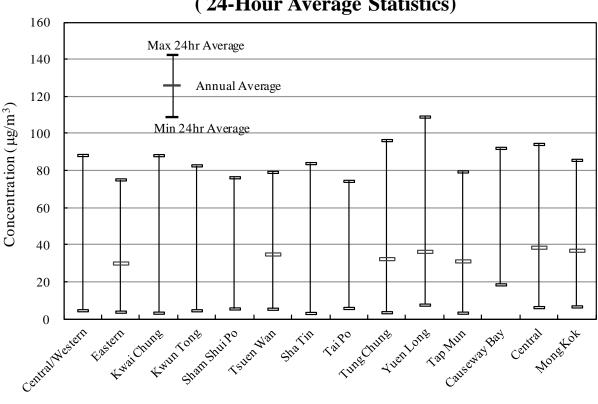


Figure 8a: PM2.5 Monitoring 2011 (24-Hour Average Statistics)

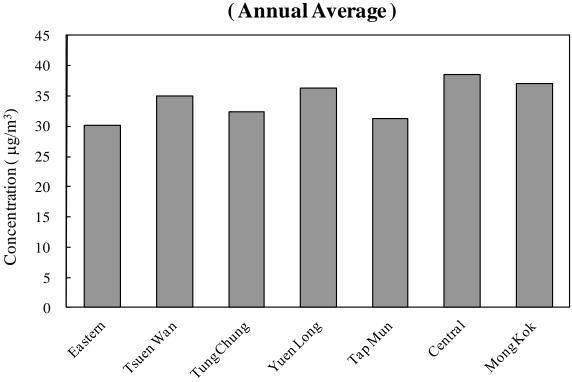


Figure 8b: PM2.5 Monitoring 2011 (Annual Average)

3.4 Lead (Pb)

Lead is the only one criteria pollutant included in the AQO that is also a toxic air pollutant. In Hong Kong, the sale and supply of leaded petrol, which is a known major source of lead, was banned from 1 April 1999. As in previous years, the ambient lead concentrations continued to linger at very low levels during 2011. The overall 3-month averages, ranging from 20 ng/m³ (Kwun Tong and Tung Chung) to 104 ng/m³ (Yuen Long), were well below the AQO limit of 1,500 ng/m³.

4. Toxic Air Pollutants (TAPs)

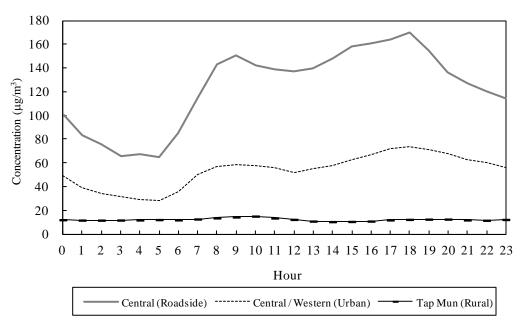
Two groups of toxic air pollutants (TAPs), viz. heavy metals and organic substances, were regularly monitored at the Central/Western and Tsuen Wan stations since mid 1997. Among the various TAPs monitored in 2011, eight of them are considered more important in terms of their health impacts and their annual averages are summarised in Table C10. Detailed description of the TAPs monitoring operation is given in Appendix B4. The monitoring data collected so far indicate that the levels of toxic air pollutants in Hong Kong are comparable to those observed in other major cities.

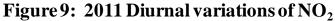
5. Variation of Air Pollution Levels over Time

The concentrations of air pollutants in the atmosphere can change over a day, over the months of a year and in the period of several years.

5.1 Over a Day

The concentrations of most air pollutants generally follow the diurnal pattern of human activities and traffic. For instance, higher levels of NO_2 and RSP are usually observed in the morning and the evening rush hours when there are more traffic and human activities. Likewise, the lowest concentrations often occur from midnight to dawn when the traffic is at its minimum. This type of traffic induced diurnal pattern is much more distinct for pollutant levels at roadside.





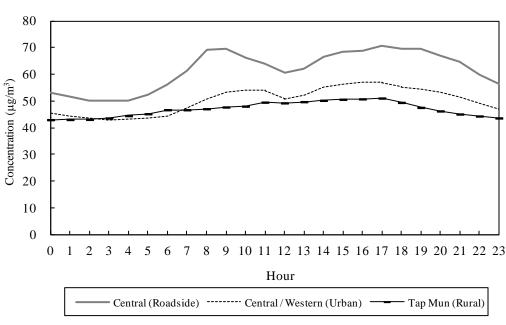


Figure 10: 2011 Diurnal variations of RSP

The diurnal pattern of ozone is different from that of NO_2 and RSP. Ozone is formed by photochemical reactions of its precursor pollutants such as NOx and volatile organic compounds (VOCs) under sunlight. Outside urban centres the ambient ozone levels start to build up before noon and peak in the afternoon, when precursor pollutants are accumulated and sunlight is strong. In urban areas and roadside, the lowest ozone concentrations are often observed during rush hours. This is because a large amount of nitric oxide from rush-hour traffic acts as an efficient scavenger of ozone. At the roadside, ozone levels are significantly lower than those at the general stations because of the scavenging effect due to higher concentrations of nitric oxide from vehicular emissions.

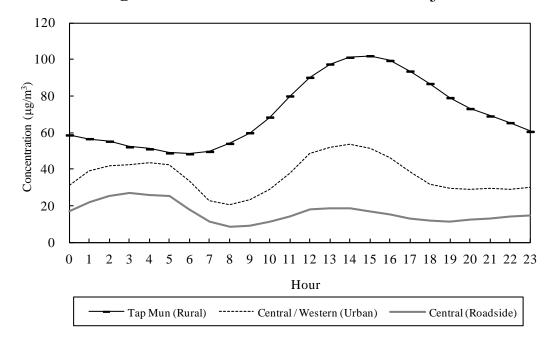
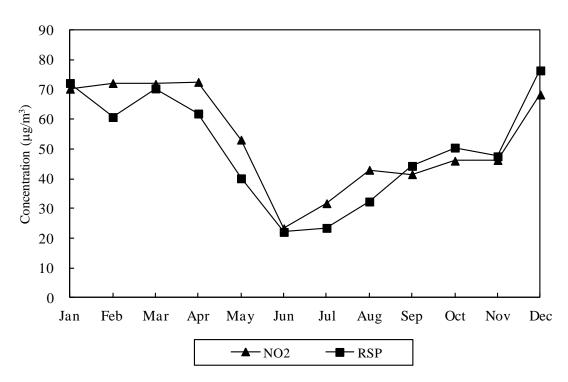


Figure 11: 2011 Diurnal variations of O₃

5.2 Over a Year

Concentrations of NO₂, RSP and O₃ are in general lower in summer (June to August) than autumn and winter due to a number of reasons. The higher temperatures in summer months induce larger mixing heights, which favour the dispersion of pollutants. The rain in summer helps to wash out pollutants more frequently. The south-westerly monsoon in summer also helps to replenish the region with cleaner oceanic air.

Figure 12: Monthly variations of NO₂ and RSP at Central/Western in 2011



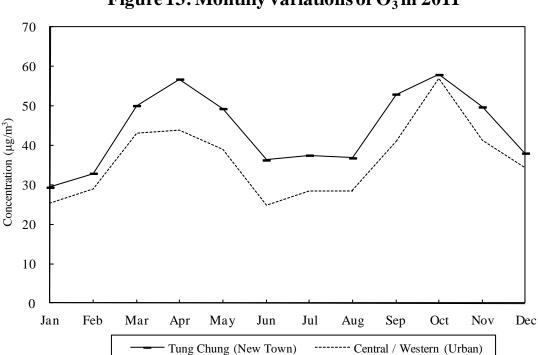


Figure 13: Monthly variations of O₃ in 2011

5.3 Long Term Trends

The long-term trends for the air pollutants presented in this section are based on their annual average concentrations recorded from the relevant air quality monitoring stations categorised into four groups of land use types, namely Urban, New Town, Rural and Roadside as defined in Table 1 below.

Land Use Type	Land Use Characteristics	Air Monitoring Stations
Urban	Densely populated residential areas mixed with some commercial and/or industrial areas	Central/Western, Eastern, Kwai Chung, Kwun Tong, Sham Shui Po and Tsuen Wan
New Town	Mainly residential areas	Sha Tin, Tai Po, Tung Chung and Yuen Long
Rural	Rural areas	Tap Mun (background station)
Roadside	Urban roadside in mixed residential/ commercial area with heavy traffic and surrounded by many tall buildings	Causeway Bay, Central and Mong Kok

 Table 1:
 Classification of Air Monitoring Stations by Land Use Types

5.3.1 Sulphur Dioxide (SO₂)

Since the implementation of the Air Pollution Control (Fuel Restriction) Regulations in 1990 for restricting sulphur content of industrial fuels and the Air Pollution Control (Motor Vehicle Fuel) Regulations in 1995 for controlling motor vehicle fuel quality, SO_2 concentrations in Hong Kong have remained at levels well below the annual AQO limit of 80 µg/m³. Significant improvement was noted in the past few years due to measures taken by Governments in Guangdong Province and Hong Kong, such as retrofitting power plants with flue gas desulphurization devices, phasing out highly polluting industrial plants in the Pearl River Delta, introducing fuels with lower sulphur content, etc.

As a result of the introduction of ultra low sulphur diesel for vehicle fleet in late 2000, the average SO₂ concentration at roadside in 2011 (12 μ g/m³) dropped by 56% as compared with the 1999 value (27 μ g/m³).

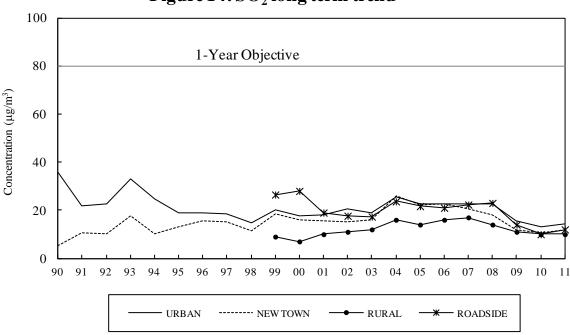
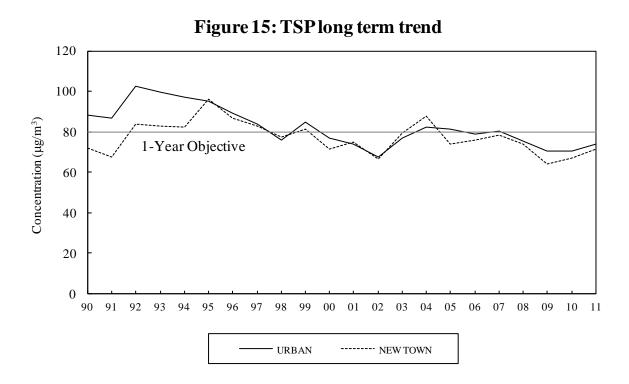


Figure 14: SO₂ long term trend

5.3.2 Total Suspended Particulates (TSP)

The TSP concentrations in the territory exhibited a general declining trend from mid-1990s.



5.3.3 Respirable Suspended Particulates (RSP)

The ambient concentrations of RSP in the territory showed a primarily downward trend between 1995 and 2002, followed by a rebound that peaked in 2004 which was caused by the increase in regional background RSP levels. The RSP concentrations then dropped to a level below the annual AQO limit, reflecting a reduction in regional background RSP levels in the past few years.

In Hong Kong, high level of roadside RSP, caused mainly by the exhaust emissions of diesel vehicles, has long been a major air pollution concern. As a result of the implementation of various vehicle emission control measures in recent years, the annual average of RSP concentration at roadside in 2011 had reduced by 33% when compared with the 1999 value.

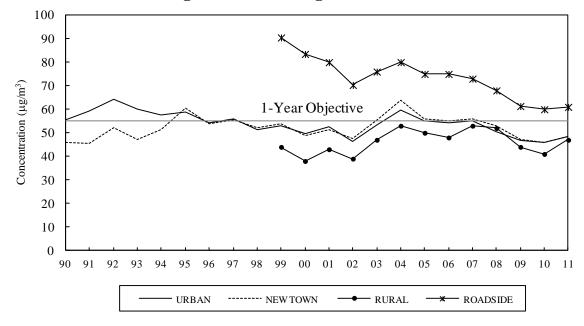


Figure 16: RSP long term trend

5.3.4 Ozone (O₃)

The ozone concentrations in the territory have shown a moderate upward trend since 1990.

As nitric oxide emissions from motor vehicles can react with and remove ozone in the air, regions with heavy traffic normally have lower ozone levels than areas with light traffic. Hence, Tap Mun rural station has steadily recorded more than twice the ozone levels measured in urban areas since 1999.

Ozone, a major constituent of photochemical smog, is a regional air pollution issue. The Hong Kong Special Administrative Region Government and Guangdong Provincial Government are implementing a regional air quality management plan to alleviate photochemical smog problem and reduce ozone levels in the Pearl River Delta region.

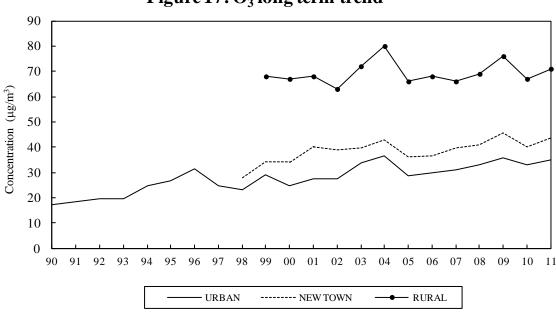


Figure 17: O₃ long term trend

5.3.5 Nitrogen Oxides (NOx) and Nitrogen Dioxide (NO₂)

The annual average of NOx in urban areas exhibited a gradual declining trend over the past decade. During the same period, the roadside NOx concentration showed a more distinct decreasing trend, reflecting a reduction in vehicular NOx emission as a result of vehicle emission control measures implemented in the past decade. The roadside NOx concentration in 2011 was 28% lower than its 1999 value.

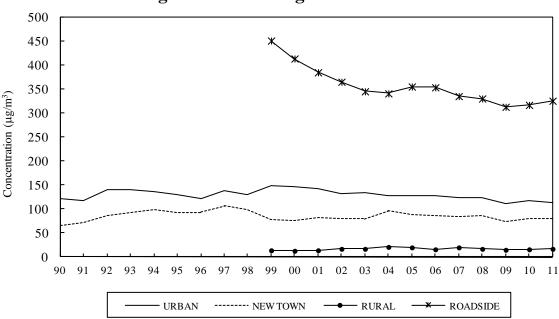


Figure 18: NOx long term trend

 NO_2 is mainly formed from the oxidation of nitric oxide, a major component of NOx. The oxidation can be promoted by the presence of more ozone and VOCs in the ambient air. The ambient NO_2 levels have exhibited slow rising trends since 1990 but the trends have levelled off in recent years. The roadside NO_2 concentrations have shown an overall increasing trend over the past years, which could be caused by a combination of the ageing of motor vehicles, increase in direct NO_2 emissions from motor vehicles and rise in regional background ozone concentration promoting the conversion of nitric oxide

emitted from motor vehicles to NO_2 . To address the problem of the rising roadside NO_2 concentration in recent years, the government has put forward additional measures including supporting the transport trades to test green vehicles, testing the feasibility of installing after-treatment devices to franchised buses to reduce their NOx emissions and stepping up the control on emissions from petrol and liquefied petroleum gas vehicles.

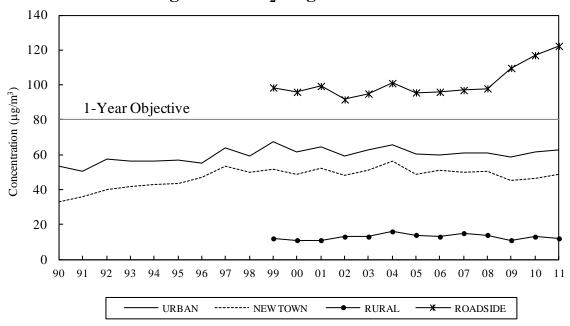


Figure 19: NO₂ long term trend

5.3.6 Carbon Monoxide (CO)

The concentrations of CO in Hong Kong remained at very low levels in the past several years. Even at the roadside close to the vehicular emission sources, the CO levels were well within the 1-hour AQO ($30,000 \ \mu g/m^3$) and 8-hour AQO ($10,000 \ \mu g/m^3$) levels.

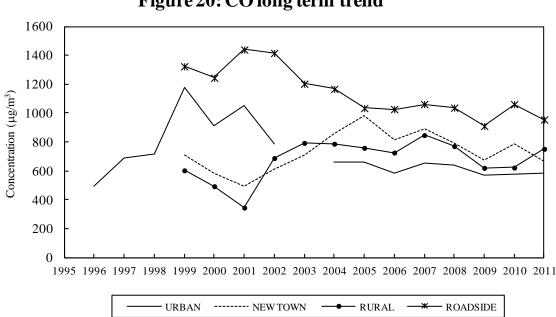
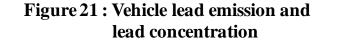
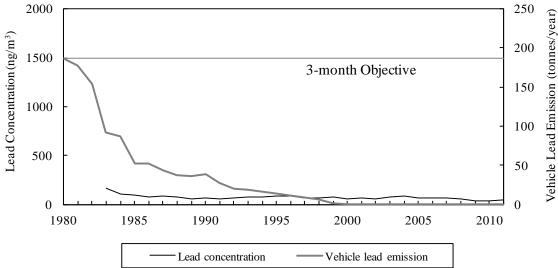


Figure 20: CO long term trend

5.3.7 Lead (Pb)

The ambient lead concentrations have been lingering at very low levels since the oil companies took voluntary action in reducing the lead content of petrol in the early eighties. Lead emissions from motor vehicles were further reduced as a result of the introduction of unleaded petrol in April 1992 and completely eliminated when the sale and supply of leaded petrol was banned in April 1999.





Appendix A

Air Quality Objectives and their Compliance Status

Established in 1987, the Hong Kong Air Quality Objectives (AQO) for seven major air pollutants were set at levels to protect public health. The compliance status of the AQO has been used as the indicator of air quality in different districts in Hong Kong.

Concentration in micrograms per cubic metre ^[1]										
	Averaging Time									
Pollutant	1 hour [2]	8 hours [3]	24 hours [3]	3 months [4]	1 year [4]					
Sulphur dioxide (SO ₂)	800		350		80					
Total suspended particulates (TSP)			260		80					
Respirable suspended particulates (RSP) ^[5]			180		55					
Nitrogen dioxide (NO ₂)	300		150		80					
Carbon monoxide (CO)	30000	10000								
Photochemical oxidants (as ozone $(O_3)^{[6]}$)	240									
Lead (Pb)				1.5						

Table A1: Hong Kong Air Quality Objectives (AQO)

[1] Measured at 298K (25°C) and 101.325 kPa (one atmosphere).

[2] Not to be exceeded more than three times per year.

[3] Not to be exceeded more than once per year.

[4] Arithmetic means.

[5] Respirable suspended particulates mean suspended particulates in air with a nominal aerodynamic diameter of 10 micrometres or smaller.

[6] Photochemical oxidants are determined by measurement of ozone only.

Compliance with the short-term AQO

Table A2 shows the percentage time of compliance with the short-term AQO (i.e. 1-hour to 24-hour AQO) recorded at each of the monitoring stations in 2011. For NO₂, the compliance percentages of the 24-hour AQO were above 99% for general stations and between 78% to 82% for roadside stations; its 1-hour AQO compliance rates were above 99% at all stations. As regards TSP and RSP, the compliance percentage of their 24-hr AQOs achieved 100% at all stations. The compliance levels of 1-hour AQO for O₃ were over 99% at all monitoring stations. The compliance percentage of SO₂ reached 100% for all stations. For CO, all monitoring stations achieved full compliance with AQO in 2011.

	C4-4	O ₃	N	02	TSP	RSP	S	02	0	CO
	Station	1-hr	1-hr	24-hr	24-hr	24-hr	1-hr	24-hr	1-hr	8-hr
General	Central/Western	99.94	100	100	100	100	100	100		
Station	Eastern	99.99	100	100		100	100	100		
	Kwai Chung	100	100	99.73	100	100	100	100		
	Kwun Tong	100	100	99.72	100	100	100	100		
	Sham Shui Po	100	100	99.45	100	100	100	100		
	Tsuen Wan	100	100	99.72	100	100	100	100	100	100
	Sha Tin	99.99	100	100	100	100	100	100		
	Tai Po	99.99	100	100	100	100	100	100		
	Tung Chung	99.55	100	100	100	100	100	100	100	100
	Yuen Long	99.81	100	99.73	100	100	100	100	100	100
	Tap Mun	99.85	100	100		100	100	100	100	100
Roadside	Causeway Bay		99.08	81.04		100	100	100	100	100
Station	Central		99.37	77.84		100	100	100	100	100
	Mong Kok		99.60	82.13	100	100	100	100	100	100

 Table A2: Percentage Time in compliance with Short-Term Air Quality Objectives in 2011

Notes: "--" *Not measured*

Compliance with the long-term AQO

Table A3 shows the compliance status of the long-term (annual) AQO for all 14 monitoring stations in 2011. Similar to previous years, all monitoring stations achieved full compliance with the long-term AQO for SO₂ and lead in 2011. Compliance with the annual AQO for NO₂ was recorded at 11 out of 14 stations. For TSP, eight out of the 10 stations complied with the annual AQO. The annual AQO for RSP was complied at 12 out of 14 stations in 2011.

Table A3:	Compliance Status of Long-Term (Annual) Air Quality Objectives in
	2011

	Station	NO ₂	TSP	RSP	SO ₂	Lead
	Station	1-year	1-year	1-year	1-year	3-months
General	Central/Western	✓	\checkmark	✓	✓	 ✓
Station	Eastern	✓		✓	✓	
	Kwai Chung	✓	√	✓	\checkmark	✓
	Kwun Tong	✓	√	✓	✓	 ✓
	Sham Shui Po	✓	\checkmark	✓	\checkmark	
	Tsuen Wan	✓	√	✓	\checkmark	✓
	Sha Tin	✓	√	✓	✓	
	Tai Po	✓	\checkmark	✓	\checkmark	
	Tung Chung	✓	√	✓	\checkmark	✓
	Yuen Long	✓	×	✓	✓	 ✓
	Tap Mun	✓		✓	✓	
Roadside	Causeway Bay	×		×	\checkmark	
Station	Central	×		×	✓	
	Mong Kok	×	×	✓	\checkmark	✓

Notes: "✓" *Complied with the AQO* "**×**" *Violated the AQO* "--" *Not measured*

Appendix **B**

Air Quality Monitoring Operation

B.1 Network Operation

The air quality monitoring network of 14 monitoring stations is operated by the Air Science Group of the Environmental Protection Department. Table B1 shows the station site information. The measurement of ambient concentrations of total suspended particulates (TSP), respirable suspended particulates (RSP), sulphur dioxide (SO₂), nitrogen dioxide (NO₂), ozone (O₃) and carbon monoxide (CO) have been accredited by the Hong Kong Laboratory Accreditation Scheme (HOKLAS) since August 1995.

In order to provide good representation of the air quality in areas of high population density, the locations of the 14 monitoring stations were carefully chosen by referencing to the United States Environmental Protection Agency's (USEPA) guidelines with practical consideration of the unique congested high-rise development of Hong Kong.

The details for the parameters monitored at each monitoring station and a list of equipment employed for measuring the air pollutants are summarised in Tables B2 and B3 respectively. In general, the concentration of gaseous pollutants, RSP and FSP are determined continuously by automatic analysers. Manually operated high volume samplers using the gravimetric methods are also used regularly to measure the TSP and RSP. In addition, meteorological parameters, including temperature and solar radiation, wind speed and direction, are also recorded continuously at each station as appropriate.

Wet and dry deposition samples are collected at three stations: Central/Western, Kwun Tong and Yuen Long. The parameters measured for all wet and dry samples include: pH, Na⁺, K⁺, NH₄⁺, NO₃⁻, SO₄²⁻, Cl⁻, F⁻, Ca²⁺, Mg²⁺, formate and acetate in the filtrate.

B.2 Data Processing and Dissemination

At each monitoring station, signals from the continuous analysers and the meteorological instruments are first stored in a data logger and then sent back to the Data Processing Unit of the Air Science Group via dedicated telephone lines for further processing. After careful checking and validation, the monitoring data are disseminated to the public in the following manner:-

- Hourly API reporting for individual station
- Monthly release of the Air Pollution Index (API) summary for all monitoring stations
- Monthly updating the data in the Environmental Protection Interactive Centre (EPIC) for the public to download air quality monitoring data (http://www.epd.gov.hk/epd/epic/english/epichome.html)
- Reporting of monitoring data in the annual reports "*Air Quality in Hong Kong*" and "*Environment Hong Kong*"

• Ad hoc provision of air quality data to the public, academics and environmental consultants upon request for the purposes of research and air quality assessment

The reporting and forecast of API will help the public (particularly susceptible groups such as the elderly, children and people with heart or respiratory illness) to decide on taking precautionary measures when necessary. The monitoring results are also regularly used to assist the formulation of air quality management plans and the evaluation on the effectiveness of the current air pollution control programmes.

B.3 Quality Control and Assurance

A quality policy is adopted to ensure that ambient air quality monitoring results from the monitoring stations attain a high degree of accuracy and precision. A quality system has been established in accordance with the HOKLAS criteria.

The accuracy of the monitoring network is assessed by performance audits. Similar to overseas standards, control limits of $\pm 15\%$ and $\pm 10\%$ are adopted for the gaseous pollutants and particulates (TSP and RSP) respectively. In 2011, 536 audit checks were carried out on the stations' analysers and samplers. Based on the 95% probability limits, the accuracy of the network was within the specified control limits as shown in Figure B1.

The precision, a measure of the repeatability, of the measurements is checked in accordance with EPD's quality manuals. In 2011, 2304 precision checks were carried out on the analysers and samplers. As shown in Figure B2 and based on the 95% probability limits, the precision of the network varied between -6.4% and 4.8%, which was again within the control limits of $\pm 20\%$ and $\pm 10\%$ for the gaseous pollutants and particulates (TSP and RSP) respectively.

In addition to the above operation, a system audit to review the quality assurance activities is carried out on an annual basis on the monitoring network. A report outlining the deficiencies and corrective actions is compiled at the end of the audit.

B.4 Toxic Air Pollutants Monitoring Operation

The Air Science Group installed in July 1997 additional monitoring facilities at Tsuen Wan and Central/Western stations to measure regularly the levels of Toxic Air Pollutants (TAPs) in Hong Kong. The TAPs being monitored can be broadly classified as volatile organic compounds (e.g. benzene, perchloroethylene and 1,3-butadiene), dioxins and furans (e.g. 2,3,7,8-TCDF and 2,3,7,8-TCDD), carbonyl compounds (e.g. formaldehyde), polycyclic aromatic hydrocarbons (e.g. benzo(a)pyrene), and hexavalent chromium. Five distinct methods were used to analyse the collected samples for target TAPs (please refer to Table B4 for details). All these methods have stringent QA/QC criteria to ensure the data quality. Sampling media used include stainless steel canisters, Sep-Pak cartridges, polyurethane foams and bicarbonate impregnated filters. TAP samples are analysed by the Government Laboratory.

Monitoring Station	Address	Area Type	Sampling Height (Above P.D.H.K.)	Above Ground	Date Start Operation
Central/Western (Sai Ying Pun Community Complex)	2 High Street, Sai Ying Pun	Urban : Mixed residential/ commercial	82m	16m (5 floors)	Oct 09
Eastern (Sai Wan Ho Fire Station)	20 Wai Hang Street, Sai Wan Ho	Urban : Residential	28m	15m (4 floors)	Jan 99
Kwai Chung (Kwai Chung Police Station)	999 Kwai Chung Road, Kwai Chung	Urban : Mixed residential/ commercial/industrial	19m	13m (2 floors)	Jan 99
Kwun Tong (City District Office)	6 Tung Yan Street, Kwun Tong	Urban : Mixed residential/ commercial/industrial	34m	25m (6 floors)	Jul 83
Sham Shui Po (Police Station)	37A Yen Chow Street, Sham Shui Po	Urban : Mixed residential/ commercial	21m	17m (4 floors)	Jul 84
Tsuen Wan (Princess Alexandra Community Centre)	60 Tai Ho Road, Tsuen Wan	Urban : Mixed residential/ commercial/industrial	21m	17m (4 floors)	Aug 88
Sha Tin (Sha Tin Govt. Secondary School)	11-17 Man Lai Road, Tai Wai, Sha Tin	New Town : Residential	31m	25m (6 floors)	Jul 91
Tai Po (Tai Po Govt. Office Bldg.)	1 Ting Kok Road, Tai Po	New Town : Residential	31m	25m (6 floors)	Feb 90
Tung Chung (Tung Chung Health Centre)	6 Fu Tung Street, Tung Chung	New Town : Residential	34.5m	27.5m (4 floors)	Apr 99
Yuen Long (Yuen Long District Branch Offices Bldg.)	269 Castle Peak Road Yuen Long	New Town : Residential	31m	25m (6 floors)	July 95
Tap Mun (Tap Mun Police Station)	Tap Mun	Background : Rural	26m	11m (3 floors)	Apr 98
Causeway Bay	1 Yee Woo Street, Causeway Bay	Urban Roadside : Mixed commercial/ residential area surrounded by many tall buildings	6.5m	3m	Jan 98
Central	Junction of Des Voeux Road		8.5m	4.5m	Oct 98
Mong Kok	Junction of Nathan Road and Lai Chi Kok Road	Urban Roadside : Mixed commercial/ residential area surrounded by many tall buildings	8.5m	3m	Jan 01

 Table B1: Fixed Network Monitoring Stations: Site Information

Note: P.D. = Principal Datum

		PARAMETERS										
STATIONS.	50	NO	NO	NO	CO	0	ECD	R	SP	TCD	MET	
STATIONS	SO_2	NO _x	NO	NO ₂	CO	O ₃	FSP	Cont	Hi-Vol	TSP	[3]	
Central/ Western	✓	~	~	~		~	~	~	~	~	~	
Eastern	\checkmark			✓		\checkmark	✓	✓			✓	
Kwai Chung	\checkmark	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Kwun Tong	\checkmark	✓	✓	~		✓	✓	~	✓	✓	✓	
Sham Shui Po	✓	~	~	~		~	~	~	~	~	~	
Tsuen Wan	\checkmark	✓	\checkmark	~	\checkmark	\checkmark	✓	~	✓	~	~	
Sha Tin	\checkmark	✓	✓	✓		✓	✓	✓		✓	✓	
Tai Po	\checkmark			✓		✓	✓	✓		✓	✓	
Tung Chung	\checkmark	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Yuen Long	\checkmark	✓	\checkmark	~	\checkmark	✓	~	~	✓	✓	✓	
Tap Mun	\checkmark	✓	\checkmark	~	\checkmark	\checkmark	✓	✓				
Causeway Bay	✓	~	~	~	~	~	~	~				
Central	\checkmark	✓	✓	✓	✓	✓	✓	~				
Mong Kok	\checkmark	✓	\checkmark	✓	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	✓	

Table B2: Summary of the Parameters Monitored in the Network (2011)

Note:

[1] "Cont" denotes continuous monitoring.

[2] "Hi-Vol" denotes high-volume sampling.

[3] "MET" denotes meteorological parameters such as temperature, wind speed, wind direction, etc.

Pollutants	Measurement Principle	Commercial Instrument
SO ₂	UV fluorescence	TECO 43A, API 100E, TECO 43I
NO, NO ₂ , NO _x	Chemiluminescence	API 200A
O ₃	UV absorption	API 400, API 400A
SO ₂ , NO ₂ , O ₃	Differential Optical Absorption Spectroscopy	Opsis AR 500 System
СО	Non-dispersive infra-red absorption with gas filter correlation	TECO 48C, API 300
TSP	Gravimetric	General Metal Works GS2310
RSP (PM10)	a) Gravimetric b) Oscillating microbalance	Graseby Andersen PM10 R&P TEOM Series 1400a-AB-PM10 Thermo Scientific TEOM 1405-DF
FSP (PM2.5)	a) Gravimetric b) Oscillating microbalance	Thermo Scientific Partisol-Plus 2025 R&P TEOM Series 1400a-AB-PM2.5 Thermo Scientific TEOM 1405-DF

 Table B3
 List of Equipment Used in Measuring Air Pollutant Concentration

Toxic Air Pollutants	Sampling and Analysis method	Sampling Instrument	Sampling Media	Sampling Schedule	Sampling Period
Benzene	USEPA Method TO-14A	Xontech 910A / RM 910A	Canister	Twice per month	24 hours
Perchloro- ethylene	USEPA Method TO-14A	Xontech 910A / RM 910A	Canister	Twice per month	24 hours
1,3-Butadiene	USEPA Method TO-14A	Xontech 910A / RM 910A	Canister	Twice per month	24 hours
Formaldehyde	USEPA Method TO-11A	Xontech 925 / RM 925	DNPH coated silica gel cartridge	Once per month	24 hours
Benzo(a)pyrene	USEPA Method TO-13	Graseby GPS1 / Tisch TE-1000	Quartz fibre filter and polyurethane foam with XAD-2 resin	Once per month	24 hours
Dioxin	USEPA Method TO-9A	Graseby GPS1 / Tisch TE-1000	Quartz fibre filter and polyurethane foam	Once per month	24 hours
Hexavalent Chromium	CARB SOP MLD 039	Xontech 920	Bicarbonate Impregnated Filter	Once per month	24 hours

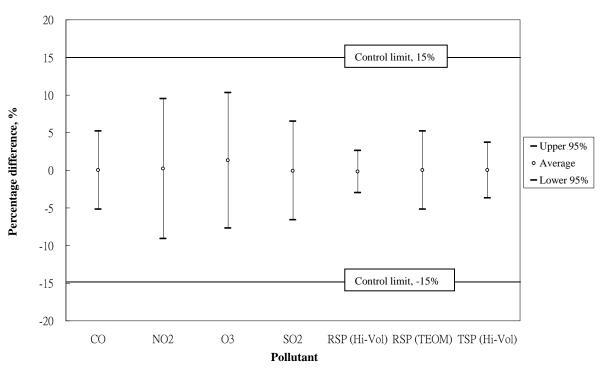
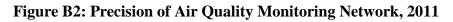
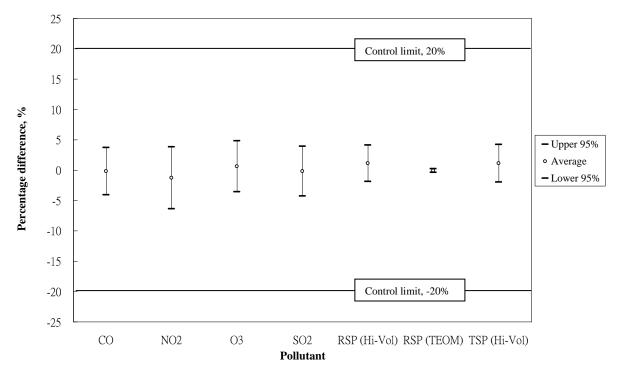


Figure B1: Accuracy of Air Quality Monitoring Network, 2011





Note: The Control Limits for RSP and TSP are $\pm 10\%$ *for both Accuracy and Precision.*

Appendix C

Tables of Air Quality Data

Table No.

<u>Title</u>

C1.	The Highest 4 Hourly Pollutant Concentrations Measured in 2011
C2.	The Highest 2 Daily Pollutant Concentrations Measured in 2011
C3.	2011 Monthly and Annual Averages of Gaseous Pollutants
C4.	2011 Monthly and Annual Averages of Particulate Pollutants
C5.	2011 Hourly Statistics of Gaseous Pollutants
C6.	2011 Hourly Statistics of Particulate Pollutants
C7.	2011 Diurnal Variations of Gaseous Pollutants
C8.	2011 Diurnal Variations of Particulate Pollutants
С9.	2011 Total Wet and Dry Deposition
C10.	2011 Ambient Levels of Toxic Air Pollutants

TABLE C1: THE HIGHEST 4 HOURLY POLLUTANT CONCENTRATIONS MEASURED IN 2011

Pollutant: Sulphur Dioxide * (1-hour AQO = 800)

(1-11001 A&O = 000	1			
Station	1st High	2nd High	3rd High	4th High
Central / Western	188	169	151	140
Eastern	103	85	85	79
Kwai Chung	228	210	204	201
Kwun Tong	115	88	88	88
Sham Shui Po	261	198	183	176
Tsuen Wan	156	138	130	123
Sha Tin	88	86	84	83
Tai Po	46	44	43	39
Tung Chung	90	83	83	83
Yuen Long	92	80	79	71
Tap Mun	57	55	54	51
Causeway Bay	130	120	113	105
Central	143	127	127	124
Mong Kok	177	160	140	132

Pollutant: Nitrogen Dioxide * (1-hour AQQ = 300)

(1-nour AQO = 300)				
Station	1st High	2nd High	3rd High	4th High
Central / Western	244	232	227	227
Eastern	257	251	238	238
Kwai Chung	290	282	276	268
Kwun Tong	285	279	276	273
Sham Shui Po	296	293	291	287
Tsuen Wan	264	250	244	244
Sha Tin	232	219	202	200
Tai Po	215	195	195	182
Tung Chung	228	221	220	214
Yuen Long	257	252	251	237
Tap Mun	103	95	91	81
Causeway Bay	511	474	451	424
Central	431	425	394	383
Mong Kok	426	403	401	400

Pollutant: Nitrogen Oxides

Station	1st High	2nd High	3rd High	4th High
Central / Western	1045	957	911	850
Kwai Chung	1077	1048	983	983
Kwun Tong	798	782	715	712
Sham Shui Po	1050	903	898	858
Tsuen Wan	1227	996	918	901
Sha Tin	601	578	575	533
Tung Chung	498	489	473	470
Yuen Long	819	794	722	654
Tap Mun	211	129	125	122
Causeway Bay	1551	1455	1329	1324
Central	1502	1431	1416	1274
Mong Kok	1194	1192	1186	1174

Pollutant: Nitric Oxide

Station	1st High	2nd High	3rd High	4th High
Central / Western	540	517	478	432
Kwai Chung	591	590	566	540
Kwun Tong	378	368	363	344
Sham Shui Po	501	484	453	431
Tsuen Wan	697	551	511	491
Sha Tin	275	268	254	236
Tung Chung	227	225	222	213
Yuen Long	403	391	346	277
Tap Mun	76	52	36	34
Causeway Bay	780	712	638	621
Central	835	783	777	694
Mong Kok	620	608	595	589

Pollutant: Carbon Monoxide *

(1-hour AQO = 30000)						
Station	1st High	2nd High	3rd High	4th High		
Tsuen Wan	2730	2410	2280	2150		
Tung Chung	2290	2280	2250	2220		
Yuen Long	3210	3110	3040	2780		
Tap Mun	1490	1480	1480	1480		
Causeway Bay	4030	3910	3790	3450		
Central	3790	3340	2990	2880		
Mong Kok	3110	2990	2410	2410		

Pollutant: Ozone *

(1-hour AQO = 240)

(1-11001 A + 240)				
Station	1st High	2nd High	3rd High	4th High
Central / Western	278	255	254	248
Eastern	257	233	230	217
Kwai Chung	213	200	195	189
Kwun Tong	181	181	170	161
Sham Shui Po	240	238	233	228
Tsuen Wan	223	215	211	207
Sha Tin	241	220	214	208
Tai Po	260	230	216	213
Tung Chung	312	311	310	299
Yuen Long	310	299	284	279
Tap Mun	316	308	268	266
Causeway Bay	99	97	93	87
Central	157	141	132	128
Mong Kok	95	84	82	81

Pollutant: Respirable Suspended Particulates (PM10)

Station	1st High	2nd High	3rd High	4th High
Central / Western	186	184	182	180
Eastern	183	178	165	161
Kwai Chung	204	185	184	183
Kwun Tong	205	200	184	174
Sham Shui Po	213	213	209	207
Tsuen Wan	192	190	189	187
Sha Tin	181	160	160	152
Tai Po	197	189	187	185
Tung Chung	250	246	236	214
Yuen Long	222	219	212	208
Tap Mun	168	168	153	152
Causeway Bay	222	213	207	196
Central	221	218	214	211
Mong Kok	234	220	212	209

Pollutant: Fine Suspended Particulates (PM2.5)

Station	1st High	2nd High	3rd High	4th High
Central / Western	114	113	112	112
Eastern [^]	128	127	121	115
Kwai Chung	135	133	127	126
Kwun Tong	124	119	119	118
Sham Shui Po	99	97	94	92
Tsuen Wan [^]	128	124	121	118
Sha Tin	106	106	101	97
Tai Po	99	97	94	88
Tung Chung [^]	174	171	170	157
Yuen Long [^]	139	138	137	136
Tap Mun^	107	102	99	99
Causeway Bay	141	138	131	131
Central [^]	156	149	148	144
Mong Kok [^]	157	151	146	142

Only the 7 stations marked with ^ have full year PM2.5 data.

Notes:

1. All concentration units are in microgram per cubic metre.

2. Shaded 1-hour averages are above their respective AQO.

3. Only the asterisked pollutants have hourly AQO.

TABLE C2: THE HIGHEST 2 DAILY POLLUTANT CONCENTRATIONS MEASURED IN 2011

1st High

58

41

85

42

79

62

37

30

52

36

40

35

64

60

1st High

2158

2nd High

44

30

75

37

68

56

36

24

47

34

35

32

42

57

2nd High

2089

Pollutant: Nitrogen Dioxide * (24-hour AQO = 150)

	30)	
Station	1st High	2nd High
Central / Western	128	126
Eastern	121	116
Kwai Chung	165	137
Kwun Tong	155	143
Sham Shui Po	155	151
Tsuen Wan	160	133
Sha Tin	115	100
Tai Po	99	91
Tung Chung	137	130
Yuen Long	157	113
Tap Mun	37	34
Causeway Bay	247	241
Central	252	222
Mong Kok	243	210

Pollutant: Sulphur Dioxide * (24-hour AQO = 350)

Station

Eastern Kwai Chung

Kwun Tong

Tsuen Wan

Tung Chung

Yuen Long Tap Mun

Mong Kok

Station

Tsuen Wan

Causeway Bay Central

Sha Tin

Tai Po

Sham Shui Po

Central / Western

Pollutant: Respirable Suspended Particulates * (24-hour AQO = 180)

_	(24-nour AQU = 1	ov)	
	Station	1st High	2nd High
	Central / Western	120	113
	Eastern	111	103
	Kwai Chung	120	113
	Kwun Tong	117	114
	Sham Shui Po	119	113
	Tsuen Wan	120	114
	Sha Tin	121	109
	Tai Po	119	112
	Tung Chung	142	139
	Yuen Long	173	131
	Tap Mun	122	108
	Causeway Bay	125	125
	Central	135	127
	Mona Kok	118	118

Pollutant: Nitrogen Oxides

Pollutant: Nitric Oxide

Central / Western

Station

Kwai Chung

Kwun Tong

Tsuen Wan

Tung Chung

Causeway Bay Central

Yuen Long

Tap Mun

Mong Kok

Sha Tin

Sham Shui Po

Station	1st High	2nd High
Central / Western	308	306
Kwai Chung	605	413
Kwun Tong	277	277
Sham Shui Po	357	346
Tsuen Wan	528	426
Sha Tin	286	214
Tung Chung	294	250
Yuen Long	391	236
Tap Mun	49	43
Causeway Bay	838	748
Central	652	644
Mong Kok	860	664

(8-hour AQO = 10000)

Pollutant: Carbon Monoxide *

Tung Chung	2188	2186
Yuen Long	2610	2584
Tap Mun	1459	1459
Causeway Bay	3309	3179
Central	2516	2516
Mong Kok	2400	2371

Pollutant: Ozone

Station	1st High	2nd High
Central / Western	128	119
Eastern	126	111
Kwai Chung	102	93
Kwun Tong	126	119
Sham Shui Po	106	90
Tsuen Wan	112	100
Sha Tin	157	125
Tai Po	153	126
Tung Chung	144	138
Yuen Long	131	108
Tap Mun	167	158
Causeway Bay	54	50
Central	69	67
Mong Kok	37	36

Pollutant: Fine Suspended Particulates (PM2.5)

Station	1st High	2nd High
Central / Western	88	76
Eastern [^]	75	72
Kwai Chung	88	83
Kwun Tong	83	83
Sham Shui Po	76	71
Tsuen Wan^	79	79
Sha Tin	84	77
Tai Po	74	74
Tung Chung [^]	96	96
Yuen Long^	109	84
Tap Mun^	80	75
Causeway Bay	92	90
Central [^]	94	85
Mong Kok^	86	84

^ have full year PM2.5 datε Only the 7 stations marked with

Pollutant: Total Suspended Particulates * (24 - hour A O O = 260)

(24-nour AQO = 2	(00)	
Station	1st High	2nd High
Central / Western	166	160
Kwai Chung	149	144
Kwun Tong	176	153
Sham Shui Po	158	156
Tsuen Wan	173	157
Sha Tin	161	126
Tai Po	139	127
Tung Chung	141	141
Yuen Long	196	183
Mona Kok	199	187

Notes:

1. All concentration units are in microgram per cubic metre.

2. Values for Carbon Monoxide are 8-hour averages.

1st Hiah

134

323

128

146

269

112

114

153

11

417

315

498

3. Shaded 24-hour averages are above their respective AQO.

4. Only the asterisked pollutants have either 8-hour or 24-hour AQO.

2nd High

131

205

104

143

227 77

96

97

10

335

303

383

Air Quality in Hong Kong 2011

TABLE C3: 2011 MONTHLY AND ANNUAL AVERAGES OF GASEOUS POLLUTANTS

Pollutant: Sulphur Dioxide (Annual AQO = 80)

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	18	11	13	15	10	7	12	16	11	13	10	18	13
Eastern	9	5	9	10	7	5	8	12	7	7	8	13	8
Kwai Chung	16	16	21	33	22	28	33	34	11	7	13	19	21
Kwun Tong	14	11	14	15	11	8	9	14	9	10	11	18	12
Sham Shui Po	19	14	15	25	18	13	20	21	10	11	14	19	17
Tsuen Wan	19	21	19	16	14	15	17	19	10	10	12	22	16
Sha Tin	19	12	12	16	11	9	14	15	10	13	13	20	14
Tai Po	12	7	10	7	5	7	8	11	7	8	7	11	8
Tung Chung	22	12	15	11	10	5	9	11	12	13	14	22	13
Yuen Long	14	10	9	11	13	10	13	15	14	14	15	21	13
Tap Mun	13	7	11	7	7	5	7	9	9	11	14	23	10
Causeway Bay	15	6	7	7	8	8	11	14	9	10	9	16	10
Central	22	9	13	16	14	12	13	15	12	12	12	22	14
Mong Kok	15	9	11	15	12	8	10	19 *	8	9	10	16	12

Pollutant: Nitrogen Oxides

ronatant. millog	on oxia												
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	108	127	115	122	81	53	61	76	58	62	70	98	86
Kwai Chung	148	162	165	163	132	127	138	151	92	102	116	135	136
Kwun Tong	133	121	119	131	115	103	131	132	88	89	107	128	116
Sham Shui Po	133	151	145	152	118	96	104	114	96	105	112	121	120
Tsuen Wan	125	158	145	118	105	96	97	99	80	87	97	112	110
Sha Tin	83	87	70	81	50	55	66	85	47	65	66	85	70
Tung Chung	113	122	98	83	61	31	45	61	49	65	79	98	75
Yuen Long	109	120	103	99	90	79	81	96	70	79	91	102	93
Tap Mun	24	19	20	17	11	9	18	20	14	16	16	19	17
Causeway Bay	434	422	323	316	333	320	323	406	276	259	308	409	344
Central	413	352	354	362	335	292	296	357	253	248	283	368	326
Mong Kok	274	327	304	363	328	321	387	408 *	245	262	270	255	309

Pollutant: Nitric Oxide

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	25	36	28	32	18	19	19	21	11	11	15	20	21
Kwai Chung	46	56	56	53	45	52	55	58	26	26	33	37	45
Kwun Tong	40	35	32	36	35	38	48	46	23	21	30	35	35
Sham Shui Po	35	43	39	43	33	34	35	37	23	23	26	27	33
Tsuen Wan	32	51	45	28	28	32	31	31	19	18	23	26	30
Sha Tin	20	23	14	19	11	16	17	25	7	12	16	17	16
Tung Chung	27	35	21	17	11	8	11	16	8	10	14	18	16
Yuen Long	28	40	26	24	24	27	26	33	16	18	23	23	25
Tap Mun	3	3	2	2	2	2	4	6	4	4	2	2	3
Causeway Bay	183	178	130	130	142	142	143	184	110	95	121	165	144
Central	170	141	139	147	139	131	129	162	96	87	109	142	133
Mong Kok	102	126	111	139	135	150	187	184 *	93	92	99	90	123

Pollutant: Nitrogen Dioxide (Annual AQO = 80)

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	70	72	72	73	53	23	32	43	42	46	46	68	54
Eastern	67	71	69	71	60	39	42	47	52	56	60	69	59
Kwai Chung	78	76	79	83	63	48	54	61	53	63	65	79	67
Kwun Tong	71	67	70	75	61	45	57	63	53	56	61	74	63
Sham Shui Po	79	86	85	85	68	45	51	57	61	70	72	80	70
Tsuen Wan	77	80	77	74	63	47	50	51	52	59	62	72	64
Sha Tin	53	53	49	51	33	31	40	47	36	46	42	59	45
Tai Po	51	50	53	52	44	33	34	40	42	46	42	54	45
Tung Chung	72	69	66	57	44	19	28	37	36	51	57	71	51
Yuen Long	66	60	64	63	53	38	42	46	45	52	56	67	54
Tap Mun	19	14	17	14	8	6	11	12	7	9	12	16	12
Causeway Bay	153	149	124	117	117	102	104	124	108	113	123	156	124
Central	153	137	142	136	123	91	98	110	107	115	116	151	123
Mong Kok	119	134	135	151	122	92	101	128 *	103	121	119	118	120

Pollutant: Carbon Monoxide

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Tsuen Wan	973	754	735	405	462	312	257	471	489	582	549	1018	585
Tung Chung	1072	770	894	490	443	343	514	598	616	599	629	930	660
Yuen Long	1204	1013	844	639	625	358	358	454	473	623	724	850	677
Tap Mun	933	758	932	748	777	585	660	707	736	623	729	824	752
Causeway Bay	1746	1368	1418	1004	710	587	701	817	696	692	844	1420	1010
Central	1064	983	1010	814	788	683	693	729	608	686	818	976	820
Mong Kok	1290	1249	1170	1064	885	721	777	880 *	945	972	1099	1297	1034

Pollutant: Ozone

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	25	29	43	44	39	25	28	28	41	57	41	34	36
Eastern	37	45	57	61	52	34	32	35	47	57	50	45	46
Kwai Chung	24	26	34	34	28	13	13	15	35	41	39	37	28
Kwun Tong	31	42	50	50	35	16	15	17	44	55	47	42	37
Sham Shui Po	29	30	39	41	31	17	18	22	33	42	34	33	31
Tsuen Wan	25	26	40	40	32	14	17	20	36	43	38	34	31
Sha Tin	44	49	58	58	34	18	22	24	54	59	50	48	43
Tai Po	53	64	60	79	53	21	21	22	61	60	45	44	48
Tung Chung	29	33	50	57	49	36	38	37	53	58	50	38	44
Yuen Long	30	32	47	52	41	22	26	29	43	52	48	42	39
Tap Mun	62	75	81	86	75	44	48	47	77	91	83	79	71
Causeway Bay	11	12	12	11	9	8	12	10	19	26	20	11	13
Central	14	17	21	20	17	8	9	6	19	27	22	16	16
Mong Kok	11	10	15	12	10	4	4	8 *	14	16	14	16	11

 Notes:
 1. All units are in microgram per cubic metre.

 2. Asterisked values are below their respective minimum data requirement of 66% for number of data within the period.

 3. Shaded annual averages are above their respective AQO.

TABLE C4: 2011 MONTHLY AND ANNUAL AVERAGES OF PARTICULATE POLLUTANTS

Pollutant: Total S	suspena	ed Parti	culates	(Annua	I AQO =	80)							
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	114	93	119	103	58	40	29	70	55	83	66	106	78
Kwai Chung	80	101	91	82	56	35	51	50	60	68	64	110	71
Kwun Tong	128	80	108	77	45	44	30	62	61	80	64	116	74
Sham Shui Po	124	87	107	103	63	45	34	65	61	86	64	110	79
Tsuen Wan	113	79	126	77	48	29	38	54	55	55	62	90	69
Sha Tin	97	69	104	73	63	35	28	34	57	72	58	102	66
Tai Po	117	69	99	75	52	22	41	41	56	64	68	106	69
Tung Chung	105	89	95	61	41	19	30	50	45	59	64	114	65
Yuen Long	155	94	134	81	64	27	41	48	70	79	83	138	86
Mong Kok	134	124	159	105	89	62	47	57	79	106	108	147	102

Pollutant: Total Suspended Particulates (Annual AQO = 80)

Pollutant: Respirable Suspended Particulates (Annual AQO = 55)

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	72	61	70	62	40	22	23	32	44	50	48	76	50
Eastern	63	49	61	56	36	20	22	25	40	46	40	62	43
Kwai Chung	72	56	70	57	46	25	27	30	39	48	43	68	48
Kwun Tong	66	55	65	63	42	27	30	33	44	52	46	68	49
Sham Shui Po	69	57	68	66	44	26	30	35	48	53	45	66	51
Tsuen Wan	70	55	65	58	41	28	30	33	45	51	47	76	50
Sha Tin	68	50	68	57	37	23	25	29	42	47	43	68	47
Tai Po	70	49	62	58	40	23	27	28	42	48	39	58	46
Tung Chung	83	56	72	52	40	18	21	27	38	45	39	71	47
Yuen Long	88	59	75	62	44	25	26	31	46	56	55	84	54
Tap Mun	63	52	65	61	37	22	26	25	44	51	48	72	47
Causeway Bay	81	72	80	77	60	43	45	55	64	70	63	81	66
Central	82	67	80	77	59	38	39	48	56	61	55	81	62
Mong Kok	72	59	68	70	49	32	33	38	56	60	53	75	55

Pollutant: Fine Suspended Particulates (PM2.5)

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	-										31	52	
Eastern [^]	45	38	40	36	26	13	15	18	28	31	27	43	30
Kwai Chung	-			41	34	15	18	22	29	34	31	49	
Kwun Tong	-			42	30	17	20	23	32	34	30	46	
Sham Shui Po	-		-	-	-		-		33	34	30	46	
Tsuen Wan^	48	42	46	40	30	18	21	23	33	35	32	50	35
Sha Tin	-				-	-	-	-			30	50	
Tai Po	-					-			-		30	48	
Tung Chung [^]	55	40	47	31	27	11	14	19	28	32	32	54	32
Yuen Long [^]	56	44	48	41	30	17	18	22	34	36	38	53	36
Tap Mun^	46	37	40	38	27	12	17	18	28	31	30	48	31
Causeway Bay	-		54	52	43	31	32	38	47	44	44	56	
Central [^]	54	46	51	49	39	20	25	28	33	35	33	51	39
Mong Kok [^]	47	40	46	45	34	21	22	27	37	39	34	50	37

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Only the 7 stations marked with ^ have full year PM2.5 data.

Notes:

1. All units are in microgram per cubic metre.

2. Shaded annual averages are above their respective AQO.

3. Annual averages are not calculated for lack of representativeness if the minimum data

requirement of 66% for one or more quarters of the year is not satisfied.

TABLE C5: 2011 HOURLY STATISTICS OF GASEOUS POLLUTANTS

Station	No. of	Data capture	<-			Perc	entiles			>	Arithmetic	Highest	Highest
	hours	rate %	10	25	50	75	90	95	98	99	mean	1 hour	24 hour
Central / Western	8600	98.2	4	6	9	15	25	34	47	58	13	188	58
Eastern	8658	98.8	2	4	7	10	17	23	31	40	8	103	41
Kwai Chung	8620	98.4	4	7	11	26	55	71	95	113	21	228	85
Kwun Tong	8617	98.4	6	7	10	14	19	25	35	44	12	115	42
Sham Shui Po	8575	97.9	6	8	12	18	30	48	75	99	17	261	79
Tsuen Wan	8576	97.9	5	7	12	20	34	43	55	66	16	156	62
Sha Tin	8543	97.5	5	8	12	17	24	31	39	47	14	88	37
Tai Po	8310	94.9	3	5	7	10	15	19	24	28	8	46	30
Tung Chung	8541	97.5	4	7	10	16	25	32	42	48	13	90	52
Yuen Long	8584	98.0	5	7	11	17	24	30	39	45	13	92	36
Tap Mun	8445	96.4	4	6	8	13	19	24	31	35	10	57	40
Causeway Bay	8523	97.3	3	5	8	12	20	26	36	46	10	130	35
Central	8546	97.6	6	8	11	17	28	37	48	56	14	143	64
Mong Kok	8347	95.3	3	5	8	13	22	32	57	72	12	177	60

Station	No. of	Data capture	<-			Perc	entiles			>	Arithmetic	Highest	Highest
	hours	rate %	10	25	50	75	90	95	98	99	mean	1 hour	24 hour
Central / Western	8533	97.4	23	41	67	106	161	217	310	388	86	1045	308
Kwai Chung	8618	98.4	46	78	118	169	237	303	391	476	136	1077	605
Kwun Tong	8628	98.5	41	69	102	147	204	249	311	366	116	798	277
Sham Shui Po	8630	98.5	44	74	109	147	194	239	338	438	120	1050	357
Tsuen Wan	8575	97.9	40	70	96	130	182	236	315	380	110	1227	528
Sha Tin	8552	97.6	22	33	52	83	138	196	261	301	70	601	286
Tung Chung	8451	96.5	19	34	60	102	154	192	234	262	75	498	294
Yuen Long	8592	98.1	40	56	79	111	160	205	268	328	93	819	391
Tap Mun	8449	96.4	7	10	15	21	28	34	46	55	17	211	49
Causeway Bay	8591	98.1	142	207	299	451	602	693	831	931	344	1551	838
Central	8542	97.5	114	183	294	431	583	689	811	906	326	1502	652
Mong Kok	8258	94.3	121	193	306	394	491	568	674	761	309	1194	860

Station	No. of	Data capture	<-			Perc	entiles			>	Arithmetic	Highest	Highest
	hours	rate %	10	25	50	75	90	95	98	99	mean	1 hour	24 hour
Central / Western	8533	97.4	1	4	10	23	50	77	129	173	21	540	134
Kwai Chung	8618	98.4	6	15	33	60	94	128	173	218	45	591	323
Kwun Tong	8628	98.5	5	13	25	46	77	101	135	161	35	378	128
Sham Shui Po	8630	98.5	4	13	25	41	64	89	145	194	33	501	146
Tsuen Wan	8575	97.9	5	11	21	37	60	85	130	171	30	697	269
Sha Tin	8552	97.6	1	3	6	18	44	70	105	127	16	275	112
Tung Chung	8451	96.5	3	4	8	19	42	60	85	100	16	227	114
Yuen Long	8592	98.1	5	9	17	31	54	76	113	141	25	403	153
Tap Mun	8449	96.4	1	2	2	4	6	7	8	12	3	76	11
Causeway Bay	8591	98.1	45	71	120	197	271	324	394	441	144	780	417
Central	8542	97.5	30	60	111	184	261	320	384	437	133	835	315
Mong Kok	8258	94.3	34	67	115	163	215	263	342	400	123	620	498

Pollutant:	Nitrogen	Dioxide	

Station	No. of	Data capture	<.			Perc	entiles			>	Arithmetic	Highest	Highest
	hours	rate %	10	25	50	75	90	95	98	99	mean	1 hour	24 hour
Central / Western	8533	97.4	16	28	49	71	98	119	143	160	54	244	128
Eastern	8659	98.8	28	39	55	74	91	104	126	144	59	257	121
Kwai Chung	8618	98.4	31	43	60	82	112	136	159	173	67	290	165
Kwun Tong	8628	98.5	29	41	59	78	99	115	142	165	63	285	155
Sham Shui Po	8630	98.5	32	44	64	90	115	132	152	168	70	296	155
Tsuen Wan	8575	97.9	30	43	58	78	105	124	146	162	64	264	160
Sha Tin	8552	97.6	18	27	39	55	80	102	127	139	45	232	115
Tai Po	8310	94.9	19	28	40	57	77	91	109	122	45	215	99
Tung Chung	8451	96.5	13	25	44	69	97	117	139	157	51	228	137
Yuen Long	8592	98.1	27	35	49	67	89	107	131	145	54	257	157
Tap Mun	8449	96.4	3	6	11	16	22	27	35	41	12	103	37
Causeway Bay	8591	98.1	60	85	118	155	195	223	261	297	124	511	247
Central	8542	97.5	58	81	115	157	199	227	259	285	123	431	252
Mong Kok	8258	94.3	55	82	114	153	190	211	240	265	120	426	243

Pollutant: Carbon Monoxide

Station	No. of	Data capture	<-			Perc	entiles			->	Arithmetic	Highest	Highest
	hours	rate %	10	25	50	75	90	95	98	99	mean	1 hour	8 hour
Tsuen Wan	8573	97.9	230	350	530	770	1050	1180	1310	1380	585	2730	2158
Tung Chung	8538	97.5	350	440	610	830	1070	1230	1380	1490	660	2290	2188
Yuen Long	8575	97.9	280	410	630	850	1140	1330	1520	1700	677	3210	2610
Tap Mun	8478	96.8	470	580	740	910	1050	1150	1250	1310	752	1490	1459
Causeway Bay	8313	94.9	410	600	920	1350	1730	1960	2300	2530	1010	4030	3309
Central	8352	95.3	380	550	780	1030	1300	1490	1640	1840	820	3790	2516
Mong Kok	8334	95.1	640	800	1030	1270	1430	1560	1730	1840	1034	3110	2400

Pollutant: Ozone													
Station	No. of	Data capture	<-			Perc	entiles			>	Arithmetic	Highest	Highest
	hours	rate %	10	25	50	75	90	95	98	99	mean	1 hour	24 hour
Central / Western	8551	97.6	5	14	28	51	79	98	117	135	36	278	128
Eastern	8659	98.8	17	25	39	62	84	97	114	128	46	257	126
Kwai Chung	8612	98.3	4	8	20	42	64	80	96	107	28	213	102
Kwun Tong	8561	97.7	6	13	30	55	79	93	109	122	37	181	126
Sham Shui Po	8578	97.9	6	11	24	43	65	81	101	116	31	240	106
Tsuen Wan	8564	97.8	4	9	22	44	69	85	107	120	31	223	112
Sha Tin	8501	97.0	4	11	33	66	100	116	138	153	43	241	157
Tai Po	8310	94.9	5	18	40	72	104	120	140	152	48	260	153
Tung Chung	8521	97.3	5	15	34	60	94	116	151	200	44	312	144
Yuen Long	8565	97.8	4	11	28	54	90	111	143	173	39	310	131
Tap Mun	8465	96.6	24	40	62	96	128	145	165	182	71	316	167
Causeway Bay	8540	97.5	3	6	10	17	29	38	49	59	13	99	54
Central	8475	96.7	3	5	9	21	40	55	74	88	16	157	69
Mong Kok	8152	93.1	2	3	7	15	26	35	45	52	11	95	37

Notes:

1. All concentration units are in microgram per cubic metre.

TABLE C6: 2011 HOURLY STATISTICS OF PARTICULATE POLLUTANTS

Station	No. of	Data capture	<-			Perc	entiles			>	Arithmetic	Highest	Highest
	hours	rate %	10	25	50	75	90	95	98	99	mean	1 hour	24 hour
Central / Western	8540	97.5	15	25	47	69	91	104	120	130	50	186	120
Eastern	8672	99.0	13	21	41	59	78	91	105	112	43	183	111
Kwai Chung	8616	98.4	16	26	45	64	86	98	115	131	48	204	120
Kwun Tong	8612	98.3	18	28	46	65	85	98	111	123	49	205	117
Sham Shui Po	8624	98.4	19	29	48	67	87	99	112	124	51	213	119
Tsuen Wan	8551	97.6	18	28	46	66	88	103	120	133	50	192	120
Sha Tin	8632	98.5	16	24	44	64	84	95	109	117	47	181	121
Tai Po	8490	96.9	15	24	43	62	80	92	105	117	46	197	119
Tung Chung	8404	95.9	12	20	42	64	91	110	130	145	47	250	142
Yuen Long	8595	98.1	17	26	51	74	99	113	133	149	54	222	173
Tap Mun	8511	97.2	14	23	44	65	85	98	111	116	47	168	122
Causeway Bay	8463	96.6	31	46	63	83	103	116	130	141	66	222	125
Central	8359	95.4	26	38	58	79	103	117	135	144	62	221	135
Mong Kok	8421	96.1	22	33	52	73	94	107	122	134	55	234	118

Pollutant: Respirable Suspended Particulates (Continuous monitoring)

Pollutant: Fine Suspended Particulates (PM2.5) (Continuous monitoring)

Station	No. of	Data capture	<-			Perc	entiles			>	Arithmetic	Highest	Highest
	hours	rate %	10	25	50	75	90	95	98	99	mean	1 hour	24 hour
Central / Western	1444	16.5	17	25	38	55	74	83	90	96	41	114	88
Eastern [^]	8667	98.9	8	14	28	42	55	64	74	80	30	128	75
Kwai Chung	6526	74.5	9	15	27	42	56	68	79	87	30	135	88
Kwun Tong	6533	74.6	10	15	27	42	56	65	78	84	31	124	83
Sham Shui Po	2864	32.7	15	23	35	47	58	67	76	81	36	99	76
Tsuen Wan [^]	8448	96.4	12	19	33	47	61	72	82	89	35	128	79
Sha Tin	1436	16.4	15	25	38	53	72	78	84	88	40	106	84
Tai Po	1367	15.6	16	26	39	53	68	73	79	81	40	99	74
Tung Chung [^]	8477	96.8	7	13	29	45	64	76	90	100	32	174	96
Yuen Long [^]	8499	97.0	11	18	35	50	65	75	86	97	36	139	109
Tap Mun^	8222	93.9	7	15	29	44	57	66	76	81	31	107	80
Causeway Bay	7084	80.9	20	30	42	56	70	78	88	97	44	141	92
Central [^]	8446	96.4	13	22	36	52	68	78	89	98	39	156	94
Mong Kok [^]	8548	97.6	13	21	35	50	65	74	84	92	37	157	86

Only the 7 stations marked with ^ have full year PM2.5 data.

Notes:

1. All concentration units are in microgram per cubic metre.

TABLE C7: 2011 DIURNAL VARIATIONS OF GASEOUS POLLUTANTS

Pollutant:	Sulphur	Dioxide

Pollutant: Sulphur																								
Station Central / Western	Hr00 11	Hr01 11	Hr02 11	Hr03 12	Hr04 12	Hr05 12	Hr06 12	Hr07 14	Hr08 15	Hr09 14	Hr10 14	Hr11 14	Hr12 13	Hr13 13	Hr14 13	Hr15 13	Hr16 13	Hr17 13	Hr18 13	Hr19 13	Hr20 14	Hr21 13	Hr22 I	Hr23 12
Eastern	7	7	8	8	8	8	8	10	9	9	9	9	9	8	8	8	8	8	8	9	11	9	8	8
Kwai Chung	20	18	17	19	17	17	17	17	19	19	20	23	24	23	24	25	27	28	27	25	23	21	20	20
Kwun Tong	11	11	11	13	12	12	12	12	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	11
Sham Shui Po	17	16	16	18	16	16	16	16	16	16	16	16	15	15	16	16	17	17	18	19	19	18	17	16
Tsuen Wan Sha Tin	13 12	13 12	13 12	14 14	13 13	13 12	13 12	13 13	16 14	18 15	18 15	19 14	19 14	19 14	20 14	19 14	20 15	20 16	19 16	18 15	16 14	15 14	14 13	14 13
Tai Po	8	7	7	8	8	8	8	8	9	10	9	9	9	9	8	9	9	9	9	9	8	8	8	8
Tung Chung	11	11	10	13	11	11	11	12	15	16	16	16	16	16	16	15	15	14	12	12	12	12	11	11
Yuen Long	12	12	11	15	12	12	12	13	13	14	14	14	13	13	14	14	15	15	15	14	14	13	13	13
Tap Mun	9	9	9	11	10	10	10	11	12	13	13	13	12	11	11	11	10	10	9	9	9	8	8	8
Causeway Bay Central	9 12	9 13	10 12	10 14	9 13	10 13	10 14	11 16	13 18	13 17	12 16	11 15	11 14	11 14	11 14	10 15	10 15	10 15	9 15	9 16	10 15	9 15	9 14	9 13
Mong Kok	10	11	10	11	11	11	11	11	12	12	12	12	11	11	12	12	12	12	13	13	13	13	11	11
																								<u> </u>
Pollutant: Nitroger			11-02	11-02	11-04	11-05	11-06	11-07	11-00	11-00	11-10	11-11	11-12	11-40	11-14	11-15	11-16	11-17	11-10	11-10	11-20	11-21	11-22	
Station Central / Western	Hr00 80	Hr01 60	Hr02 51	Hr03 45	Hr04 43	Hr05 42	Hr06 55	Hr07 91	Hr08 117	Hr09 118	Hr10 110	Hr11 98	Hr12 84	Hr13 85	Hr14 88	Hr15 92	Hr16 96	Hr17 103	Hr18 105	Hr19 106	Hr20 103	Hr21 99	Hr22 I 96	Hr23 92
Kwai Chung	124	90	76	70	67	74	115	151	186	175	150	143	139	135	146	153	163	169	182	177	157	142		139
Kwun Tong	107	73	59	54	52	62	109	150	166	162	139	126	113	113	124	127	137	148	151	143	126	118		117
Sham Shui Po	112	82	70	66	63	65	103	134	155	147	130	122	116	118	123	130	139	150	162	157	146	138		127
Tsuen Wan	99	69	59	49	48	53	86	117	143	140	131	122	116	115	117	119	130	141	151	145	128	121		115
Sha Tin	87	71	58	50	48	52	70	91	87	72	64	56 77	51 77	48	49	53 71	60	73	85	91	90	91	92	91
Tung Chung Yuen Long	82 101	62 86	52 75	46 63	45 59	52 62	75 88	88 115	86 107	78 91	79 83	77	75	74 76	73 79	86	73 96	80 107	92 119	94 122	91 118	88 116	87 114	87 112
Tap Mun	101	16	16	16	16	16	17	113	20	21	23	20	18	16	15	15	15	16	16	122	16	16	114	16
Causeway Bay	294	238	216	181	171	168	246	388	447	457	421	389	376	376	373	382	380	394	414	410	401	391	389	357
Central	269	208	175	150	154	147	214	341	472	475	416	373	340	339	352	372	387	415	446	414	375	350		316
Mong Kok	282	194	173	145	137	136	218	308	352	358	330	324	331	355	367	379	393	424	425	389	347	349	361	340
Pollutant: Nitric O	xide																							
Station	Hr00	Hr01	Hr02	Hr03	Hr04	Hr05	Hr06	Hr07	Hr08	Hr09	Hr10	Hr11	Hr12	Hr13	Hr14	Hr15	Hr16	Hr17	Hr18	Hr19	Hr20	Hr21	Hr22 I	Hr23
Central / Western	20	14	11	9	9	9	13	27	39	39	34	28	21	20	20	20	19	21	21	22	23	24	24	23
Kwai Chung	42	28	22	20	19	22	41	58	76	69	54	49	45	40	43	44	48	51	59	59	52	46	47	48
Kwun Tong	31	19	14	13	12	16	35	55	63	61	49	42	34	32	35	34	38	41	42	40	35	33	34	35
Sham Shui Po	30	21	17	16	15	16	30	44	54	50	42	36	32	31	31	32	34	36	41	41	38	36	36	34
Tsuen Wan	27 25	16 19	13 14	10 11	9 10	11 12	24 19	38 29	51 26	49 19	44 16	38 12	33 10	30 8	29 8	28 8	31 9	34 11	39 16	39 19	34 21	32 23	32 24	32 25
Sha Tin Tung Chung	23	13	10	8	8	11	21	27	25	20	20	18	16	14	12	11	11	12	17	18	19	19	20	22
Yuen Long	31	25	21	17	15	16	29	41	36	28	24	20	18	17	16	18	20	22	28	31	32	33	34	35
Tap Mun	3	3	3	3	3	3	3	4	4	5	5	4	3	3	3	3	3	3	3	2	3	2	2	3
Causeway Bay	126	103	93	76	71	69	102	170	200	204	184	165	156	152	147	149	145	154	165	166	168	165		152
Central	110	82	65	55	57	53	85	148	215	212	179	154	133	130	133	140	148	164	181	170	156	146	136	132
Mong Kok	115	78	60	55					154	154	137	130			140	145	151	166	160	155			1/17	1/1
Mong Kok	115	78	69	55	51	50	87	132	154	154	137	130	127	136	140	145	151	166	169	155	137	139	147	141
Pollutant: Nitroger	n Dioxi	de			51	50	87	132					127	136							137	139		
Pollutant: Nitroger Station	n Dioxi Hr00	de Hr01	Hr02	Hr03	51 Hr04	50 Hr05	87 Hr06	132 Hr07	Hr08	Hr09	Hr10	Hr11	127 Hr12	136 Hr13	Hr14	Hr15	Hr16	Hr17	Hr18	Hr19	137 Hr20	139 Hr21	Hr22	Hr23
Pollutant: Nitrogen Station Central / Western	n Dioxi Hr00 50	de Hr01 39	Hr02 34	Hr03 31	51 Hr04 29	50 Hr05 28	87 Hr06 36	132 Hr07 50	Hr08 57	Hr09 59	Hr10 57	Hr11 56	127 Hr12 52	136 Hr13 55	Hr14 58	Hr15 62	Hr16 67	Hr17 72	Hr18 74	Hr19 71	137 Hr20 68	139 Hr21 63	Hr22 1 60	Hr23 56
Pollutant: Nitroger Station Central / Western Eastern	n Dioxi Hr00 50 56	de Hr01 39 46	Hr02 34 39	Hr03 31 35	51 Hr04 29 33	50 Hr05 28 36	87 Hr06 36 49	132 Hr07 50 62	Hr08 57 64	Hr09 59 63	Hr10 57 60	Hr11 56 59	127 Hr12 52 57	136 Hr13 55 59	Hr14 58 62	Hr15 62 66	Hr16 67 72	Hr17 72 75	Hr18 74 75	Hr19 71 73	137 Hr20 68 72	139 Hr21 63 68	Hr22 1 60 63	Hr23 56 61
Pollutant: Nitrogen Station Central / Western	n Dioxi Hr00 50	de Hr01 39	Hr02 34	Hr03 31	51 Hr04 29	50 Hr05 28	87 Hr06 36	132 Hr07 50	Hr08 57	Hr09 59	Hr10 57	Hr11 56	127 Hr12 52	136 Hr13 55	Hr14 58	Hr15 62	Hr16 67	Hr17 72	Hr18 74	Hr19 71	137 Hr20 68 72 78	139 Hr21 63	Hr22 1 60	Hr23 56
Pollutant: Nitrogel Station Central / Western Eastern Kwai Chung	n Dioxi Hr00 50 56 59	de Hr01 39 46 48	Hr02 34 39 42	Hr03 31 35 39	51 Hr04 29 33 38	50 Hr05 28 36 40	87 Hr06 36 49 52	132 Hr07 50 62 62	Hr08 57 64 69	Hr09 59 63 69	Hr10 57 60 67	Hr11 56 59 68	127 Hr12 52 57 71	136 Hr13 55 59 74	Hr14 58 62 81	Hr15 62 66 85	Hr16 67 72 89	Hr17 72 75 90	Hr18 74 75 92	Hr19 71 73 86	137 Hr20 68 72	139 Hr21 63 68 71	Hr22 60 63 69	Hr23 56 61 66
Pollutant: Nitroger Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan	n Dioxi Hr00 50 56 59 59 66 59	de Hr01 39 46 48 44 50 45	Hr02 34 39 42 38 44 39	Hr03 31 35 39 35 41 34	51 Hr04 29 33 38 34 39 34	50 Hr05 28 36 40 38 40 38	87 Hr06 36 49 52 55 57 57 50	132 Hr07 50 62 62 65 67 60	Hr08 57 64 69 69 72 65	Hr09 59 63 69 68 71 65	Hr10 57 60 67 64 67 64	Hr11 56 59 68 62 67 65	127 Hr12 52 57 71 61 68 68 66	136 Hr13 55 59 74 65 72 69	Hr14 58 62 81 71 76 73	Hr15 62 66 85 74 81 76	Hr16 67 72 89 79 87 83	Hr17 72 75 90 85 94 88	Hr18 74 75 92 86 99 91	Hr19 71 73 86 82 94 85	137 Hr20 68 72 78 73 87 76	139 Hr21 63 68 71 68 82 71	Hr22 60 63 69 67 79 70	Hr23 56 61 66 64 75 66
Pollutant: Nitroger Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin	n Dioxi Hr00 50 59 59 66 59 66 59 49	de Hr01 39 46 48 44 50 45 42	Hr02 34 39 42 38 44 39 37	Hr03 31 35 39 35 41 34 33	51 Hr04 29 33 38 34 39 34 32	50 Hr05 28 36 40 38 40 38 40 36 34	87 Hr06 36 49 52 55 57 50 42	132 Hr07 50 62 62 65 67 60 48	Hr08 57 64 69 69 72 65 47	Hr09 59 63 69 68 71 65 43	Hr10 57 60 67 64 67 64 40	Hr11 56 59 68 62 67 65 38	127 Hr12 52 57 71 61 68 66 36	136 Hr13 55 59 74 65 72 69 35	Hr14 58 62 81 71 76 73 37	Hr15 62 66 85 74 81 76 41	Hr16 67 72 89 79 87 83 47	Hr17 72 75 90 85 94 88 56	Hr18 74 75 92 86 99 91 61	Hr19 71 73 86 82 94 85 62	137 Hr20 68 72 78 73 87 76 59	139 Hr21 63 68 71 68 82 71 57	Hr22 60 63 69 67 79 70 55	Hr23 56 61 66 64 75 66 52
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po	n Dioxi Hr00 50 59 59 66 59 49 49	de Hr01 39 46 48 44 50 45 42 40	Hr02 34 39 42 38 44 39 37 37 34	Hr03 31 35 39 35 41 34 33 31	51 Hr04 29 33 38 34 39 34 32 30	50 Hr05 28 36 40 38 40 36 34 33	87 Hr06 36 49 52 55 57 50 42 42 42	132 Hr07 50 62 65 67 60 48 51	Hr08 57 64 69 69 72 65 47 50	Hr09 59 63 69 68 71 65 43 44	Hr10 57 60 67 64 67 64 40 38	Hr11 56 59 68 62 67 65 38 38 34	127 Hr12 52 57 71 61 68 66 36 32	136 Hr13 55 59 74 65 72 69 35 34	Hr14 58 62 81 71 76 73 37 36	Hr15 62 66 85 74 81 76 41 40	Hr16 67 72 89 79 87 83 47 49	Hr17 72 75 90 85 94 88 56 58	Hr18 74 75 92 86 99 91 61 66	Hr19 71 73 86 82 94 85 62 67	Hr20 68 72 78 73 87 76 59 60	139 Hr21 63 68 71 68 82 71 57 56	Hr22 60 63 69 67 79 70 55 56	Hr23 56 61 66 64 75 66 52 53
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwum Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tiang Chung	n Dioxi Hr00 50 59 59 66 59 66 59 49 47 50	de Hr01 39 46 48 44 50 45 42 40 42	Hr02 34 39 42 38 44 39 37 34 37	Hr03 31 35 39 35 41 34 33 31 34	51 Hr04 29 33 38 34 39 34 32 30 33	50 Hr05 28 36 40 38 40 36 34 33 36	87 Hr06 36 49 52 55 57 50 42 42 42 43	132 Hr07 50 62 65 67 60 48 51 47	Hr08 57 64 69 69 72 65 47 50 48	Hr09 59 63 69 68 71 65 43 44 44	Hr10 57 60 67 64 67 64 40 38 49	Hr11 56 59 68 62 67 65 38 34 34 50	127 Hr12 52 57 71 61 68 66 36 32 52	136 Hr13 55 59 74 65 72 69 35 34 53	Hr14 58 62 81 71 76 73 37 36 54	Hr15 62 66 85 74 81 76 41 40 54	Hr16 67 72 89 79 87 83 47 49 56	Hr17 72 75 90 85 94 88 56 58 62	Hr18 74 75 92 86 99 91 61 66 66	Hr19 71 73 86 82 94 85 62 67 66	Hr20 68 72 78 73 87 76 59 60 62	139 Hr21 63 68 71 68 82 71 57 56 59	Hr22 60 63 69 67 79 70 55 56 56	Hr23 56 61 66 64 75 66 52 53 54
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po	n Dioxi Hr00 50 59 59 66 59 49 49	de Hr01 39 46 48 44 50 45 42 40	Hr02 34 39 42 38 44 39 37 37 34	Hr03 31 35 39 35 41 34 33 31	51 Hr04 29 33 38 34 39 34 32 30	50 Hr05 28 36 40 38 40 36 34 33	87 Hr06 36 49 52 55 57 50 42 42 42	132 Hr07 50 62 62 65 67 60 48 51	Hr08 57 64 69 69 72 65 47 50	Hr09 59 63 69 68 71 65 43 44	Hr10 57 60 67 64 67 64 40 38	Hr11 56 59 68 62 67 65 38 38 34	127 Hr12 52 57 71 61 68 66 36 32	136 Hr13 55 59 74 65 72 69 35 34	Hr14 58 62 81 71 76 73 37 36	Hr15 62 66 85 74 81 76 41 40	Hr16 67 72 89 79 87 83 47 49	Hr17 72 75 90 85 94 88 56 58	Hr18 74 75 92 86 99 91 61 66	Hr19 71 73 86 82 94 85 62 67	Hr20 68 72 78 73 87 76 59 60	139 Hr21 63 68 71 68 82 71 57 56	Hr22 60 63 69 67 79 70 55 56	Hr23 56 61 66 64 75 66 52 53
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Khwn Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long	n Dloxi Hr00 50 59 66 59 49 47 50 54 12 102	de Hr01 39 46 48 44 50 45 42 40 42 40 42 81	Hr02 34 39 42 38 44 39 37 34 37 34 37 43 12 74	Hr03 31 35 39 35 41 34 33 31 34 37 12 65	51 Hr04 29 33 38 34 39 34 39 34 32 30 33 36 12 63	50 Hr05 28 36 40 38 40 36 34 33 36 37 12 63	87 Hr06 36 49 52 55 57 50 42 42 43 44 12 90	132 Hr07 50 62 65 67 60 48 51 47 52 13 128	Hr08 57 64 69 69 72 65 47 50 48 52 14 141	Hr09 59 63 69 68 71 65 43 44 47 49 14	Hr10 57 60 67 64 67 64 40 38 49 47 15 140	Hr11 56 59 68 62 67 65 38 34 50 46 13 136	Hr12 52 57 71 61 68 66 36 36 32 52 47 12 138	136 Hr13 55 59 74 65 72 69 35 34 53 49 11 144	Hr14 58 62 81 71 76 73 37 36 54 54 54 10 148	Hr15 62 66 85 74 81 76 41 40 54 59 11 154	Hr16 67 72 89 79 87 83 47 49 56 65 11 158	Hr17 72 75 90 85 94 88 56 58 62 73 12 158	Hr18 74 75 92 86 99 91 61 66 67 77 12 161	Hr19 71 73 86 82 94 85 62 67 66 75 66 75 12 155	137 Hr20 68 72 78 73 87 76 59 60 62 70 13 144	139 Hr21 63 68 71 68 82 71 57 56 59 66 12 139	Hr22 60 63 69 67 79 70 55 55 56 56 56 62 12 140	Hr23 56 61 66 64 75 66 52 53 54 59 12 125
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Khwn Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central	n Dloxi Hr00 50 59 66 59 49 47 50 54 47 50 54 12 102 101	de Hr01 39 46 48 44 50 45 42 40 42 40 42 48 12 81 83	Hr02 34 39 42 38 44 39 37 34 37 43 37 43 12 74 75	Hr03 31 35 39 35 41 34 33 31 34 37 12 65 66	51 Hr04 29 33 38 34 39 34 32 30 33 33 36 12 63 68	50 Hr05 28 36 40 38 40 36 34 36 37 12 63 65	87 Hr06 36 49 52 55 57 50 42 42 43 44 12 90 85	132 Hr07 50 62 65 67 60 48 51 51 52 13 128 115	Hr08 57 64 69 69 72 65 47 50 48 52 14 141 143	Hr09 59 63 69 68 71 65 43 44 47 49 14 146 151	Hr10 57 60 67 64 67 64 40 38 49 47 15 140 142	Hr11 56 59 68 62 67 65 38 34 50 46 13 136 139	127 52 57 71 61 68 66 36 32 52 47 12 138 137	136 Hr13 55 59 74 65 72 69 35 34 53 49 11 144 140	Hr14 58 62 81 71 76 73 37 36 54 54 54 10 148 148	Hr15 62 66 85 74 81 76 41 40 54 59 11 154 158	Hr16 67 72 89 79 87 83 47 49 56 65 11 158 161	Hr17 72 75 90 85 94 88 56 58 62 73 12 158 164	Hr18 74 75 92 86 99 91 61 66 67 77 12 161 170	Hr19 71 73 86 82 94 85 62 67 66 75 66 75 12 155	137 Hr20 68 72 78 73 87 76 59 60 62 70 13 144 136	139 Hr21 63 68 71 68 82 71 57 56 59 66 12 139 127	Hr22 60 63 67 79 70 55 56 56 56 56 12 140 121	Hr23 56 61 66 64 75 66 52 53 54 59 12 125 114
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay	n Dloxi Hr00 50 59 66 59 49 47 50 54 12 102	de Hr01 39 46 48 44 50 45 42 40 42 40 42 81	Hr02 34 39 42 38 44 39 37 34 37 34 37 43 12 74	Hr03 31 35 39 35 41 34 33 31 34 37 12 65	51 Hr04 29 33 38 34 39 34 39 34 32 30 33 36 12 63	50 Hr05 28 36 40 38 40 36 34 33 36 37 12 63	87 Hr06 36 49 52 55 57 50 42 42 43 44 12 90	132 Hr07 50 62 65 67 60 48 51 47 52 13 128	Hr08 57 64 69 69 72 65 47 50 48 52 14 141	Hr09 59 63 69 68 71 65 43 44 47 49 14	Hr10 57 60 67 64 67 64 40 38 49 47 15 140	Hr11 56 59 68 62 67 65 38 34 50 46 13 136	127 52 57 71 61 68 66 36 36 32 52 47 12 138	136 Hr13 55 59 74 65 72 69 35 34 53 49 11 144	Hr14 58 62 81 71 76 73 37 36 54 54 54 10 148	Hr15 62 66 85 74 81 76 41 40 54 59 11 154	Hr16 67 72 89 79 87 83 47 49 56 65 11 158	Hr17 72 75 90 85 94 88 56 58 62 73 12 158	Hr18 74 75 92 86 99 91 61 66 67 77 12 161	Hr19 71 73 86 82 94 85 62 67 66 75 66 75 12 155	137 Hr20 68 72 78 73 87 76 59 60 62 70 13 144	139 Hr21 63 68 71 68 82 71 57 56 59 66 12 139	Hr22 60 63 67 79 70 55 56 56 56 56 12 140 121	Hr23 56 61 66 64 75 66 52 53 54 59 12 125
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Khwn Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central	n Dioxi Hr00 50 59 66 59 49 49 47 50 54 12 102 101 106	de Hr01 39 46 48 44 50 45 42 40 42 40 42 48 12 81 83 75	Hr02 34 39 42 38 44 39 37 34 37 43 37 43 12 74 75	Hr03 31 35 39 35 41 34 33 31 34 37 12 65 66	51 Hr04 29 33 38 34 39 34 32 30 33 33 36 12 63 68	50 Hr05 28 36 40 38 40 36 34 36 37 12 63 65	87 Hr06 36 49 52 55 57 50 42 42 43 44 12 90 85	132 Hr07 50 62 65 67 60 48 51 51 52 13 128 115	Hr08 57 64 69 69 72 65 47 50 48 52 14 141 143	Hr09 59 63 69 68 71 65 43 44 47 49 14 146 151	Hr10 57 60 67 64 67 64 40 38 49 47 15 140 142	Hr11 56 59 68 62 67 65 38 34 50 46 13 136 139	127 52 57 71 61 68 66 36 32 52 47 12 138 137	136 Hr13 55 59 74 65 72 69 35 34 53 49 11 144 140	Hr14 58 62 81 71 76 73 37 36 54 54 54 10 148 148	Hr15 62 66 85 74 81 76 41 40 54 59 11 154 158	Hr16 67 72 89 79 87 83 47 49 56 65 11 158 161	Hr17 72 75 90 85 94 88 56 58 62 73 12 158 164	Hr18 74 75 92 86 99 91 61 66 67 77 12 161 170	Hr19 71 73 86 82 94 85 62 67 66 75 66 75 12 155	137 Hr20 68 72 78 73 87 76 59 60 62 70 13 144 136	139 Hr21 63 68 71 68 82 71 57 56 59 66 12 139 127	Hr22 60 63 67 79 70 55 56 56 56 56 12 140 121	Hr23 56 61 66 64 75 66 52 53 54 59 12 125 114
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kwan Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station	n Dioxi Hr00 50 59 59 66 59 49 49 47 50 54 12 102 101 106 Monox Hr00	de Hr01 39 46 48 44 50 45 42 40 42 40 42 48 12 81 875 dde Hr01	Hr02 34 39 42 38 44 39 37 37 34 37 43 12 74 75 68 Hr02	Hr03 31 35 39 35 41 34 33 31 34 37 12 65 66 61 Hr03	51 Hr04 29 33 38 34 39 34 30 30 33 36 12 63 68 59 Hr04	50 Hr05 28 40 38 40 38 40 36 37 37 12 63 65 60 Hr05	87 Hr06 36 49 52 55 57 50 42 42 42 43 44 12 90 85 84 Hr06	132 Hr07 50 62 65 67 60 48 51 47 52 13 128 115 107 Hr07	Hr08 57 64 69 69 72 65 47 50 48 52 14 141 143 116 Hr08	Hr09 59 63 69 68 71 65 43 44 47 49 14 146 151 122 Hr09	Hr10 57 60 67 64 40 38 49 47 15 140 142 120 Hr10	Hr11 56 59 68 62 67 65 38 34 50 46 13 136 139 126 Hr11	Hr12 57 71 61 68 66 32 52 47 12 138 137 137 Hr12	136 Hr13 55 59 74 65 72 69 35 34 53 49 11 144 140 147 Hr13	Hr14 58 62 81 71 76 73 37 36 54 54 54 10 148 148 153 Hr14	Hr15 62 66 85 74 81 76 41 40 54 59 11 154 158 158 Hr15	Hr16 67 72 89 79 87 83 47 49 56 65 11 158 161 163 Hr16	Hr17 72 75 90 85 94 88 56 58 62 73 12 158 164 171 Hr17	Hr18 74 75 92 86 99 91 61 66 67 77 12 161 170 166 Hr18	Hr19 71 73 86 82 94 85 62 67 66 75 12 155 155 155 151 Hr19	Hr20 68 72 78 73 87 76 59 60 62 70 60 62 70 13 144 136 137 Hr20	139 Hr21 63 68 71 57 56 59 66 12 139 127 137 Hr21	Hr22 60 63 69 67 79 70 55 56 56 56 56 12 12 140 121 136 Hr22	Hr23 56 61 66 64 75 66 52 53 54 59 12 125 114 126 Hr23
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan	n Dioxi Hr00 50 59 59 66 59 49 49 47 50 54 12 102 101 106 Monox Hr00 555	de Hr01 39 46 48 44 50 45 42 40 42 40 42 48 12 81 83 75 dde Hr01 509	Hr02 34 39 42 38 44 39 37 34 37 37 34 37 43 12 74 75 68 Hr02 487	Hr03 31 35 35 41 34 33 31 34 31 34 37 12 65 66 61 Hr03 462	51 Hr04 29 33 38 34 39 34 32 30 33 30 33 36 63 68 59 Hr04 462	50 Hr05 28 36 40 38 40 36 34 33 36 37 12 63 65 60 Hr05 488	87 Hr06 36 49 52 55 57 50 42 42 42 43 44 12 90 85 84 Hr06 555	132 Hr07 50 62 65 67 60 48 51 3 128 115 107 Hr07 603	Hr08 57 64 69 72 65 47 50 48 52 14 141 143 116 Hr08 637	Hr09 59 63 69 68 71 65 43 43 44 47 49 14 146 151 122 Hr09 621	Hr10 57 60 67 64 40 38 47 47 15 140 142 120 Hr10 616	Hr11 56 59 62 67 65 38 34 50 46 13 136 139 126 Hr11 587	Hr12 52 57 71 61 68 66 36 32 52 47 12 138 137 137 Hr12 567	Hr13 55 59 74 65 72 69 35 34 53 49 111 144 140 147 Hr13 570	Hr14 58 62 81 71 76 73 37 36 54 10 148 148 153 Hr14 572	Hr15 62 66 85 74 81 76 41 40 54 59 11 154 158 158 158 Hr15 576	Hr16 67 72 89 79 87 83 47 49 56 65 11 158 161 163 Hr16 598	Hr17 72 75 90 85 94 88 56 58 62 73 12 158 164 171 Hr17 619	Hr18 74 75 92 86 99 91 61 66 67 77 12 161 170 166 Hr18 666	Hr19 71 73 866 82 94 85 62 67 66 75 12 155 155 155 155 151 Hr19 687	137 Hr20 68 72 78 73 87 76 59 60 62 70 133 144 136 137 Hr20 675	139 Hr21 63 68 71 68 71 57 56 59 66 12 139 127 137 Hr21 657	Hr22 60 63 67 79 70 55 56 56 56 56 56 12 140 121 136 Hr22 647	Hr23 56 61 66 64 75 66 52 53 54 59 12 125 114 126 Hr23 611
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung	n Dioxi Hr00 50 59 59 66 59 49 49 47 50 54 102 101 101 106 Monox Hr00 555 641	de Hr01 39 46 48 44 50 45 42 40 42 40 42 81 83 75 de Hr01 509 629	Hr02 34 39 42 38 44 39 37 34 37 43 37 43 12 74 43 75 68 Hr02 487 620	Hr03 31 35 39 35 41 34 33 31 34 37 12 65 66 66 61 61 Hr03 462 611	51 Hr04 29 33 38 34 39 34 39 34 32 30 33 36 12 63 68 59 Hr04 462 621	50 Hr05 28 36 40 38 40 38 37 33 36 5 63 65 60 Hr05 488 628	87 Hr06 36 49 52 55 57 50 42 43 44 42 42 43 44 12 90 85 84 Hr06 555 642	132 Hr07 50 62 65 67 60 60 48 51 47 52 13 128 115 107 Hr07 603 663	Hr08 57 64 69 72 65 65 65 47 50 48 82 14 141 143 116 Hr08 637 677	Hr09 59 63 69 68 71 65 43 44 47 47 49 14 146 151 122 Hr09 621 675	Hr10 57 60 67 64 40 38 49 49 47 15 140 142 120 Hr10 616 679	Hr11 56 59 68 62 67 65 38 34 50 46 133 136 139 126 Hr11 587 675	127 52 57 71 61 68 66 36 32 52 47 12 138 137 137 137 Hr12 567 682	136 Hr13 55 59 74 65 72 69 35 34 53 34 53 49 11 144 140 147 Hr13 570 687	Hr14 58 62 81 71 76 73 37 36 54 54 10 148 153 148 153 Hr14 572 682	Hr15 62 66 85 74 81 76 41 40 54 59 11 154 158 158 158 158 158 158	Hr16 67 72 89 79 87 83 47 49 56 65 11 158 161 158 161 163 Hr16 598 660	Hr17 72 755 90 85 94 88 56 58 62 73 12 158 164 171 158 164 171 9 666	Hr18 74 75 92 86 99 91 61 66 67 77 72 161 170 166 Hr18 666 675	Hr19 71 73 86 82 94 85 62 67 66 75 12 155 155 155 155 155 151 155 151 155 867 687 682	137 Hr20 68 72 78 776 599 60 622 70 133 144 136 137 Hr20 675 678	139 Hr21 63 68 71 68 71 57 56 12 139 127 137 Hr21 657 674	Hr22 60 63 69 67 70 55 56 56 56 12 140 121 136 131 136 Hr22 647	Hr23 56 61 66 66 75 66 52 53 54 59 12 125 114 125 114 126 Hr23 611 653
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kkwai Chung Sham Shui Po Tsuen Wan Sha Tn Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long	n Dioxi Hr00 50 59 59 66 59 66 59 49 49 47 750 54 12 102 101 101 106 555 641 704	de Hr01 39 46 48 48 44 50 42 40 42 48 12 81 12 81 83 75 4de Hr01 509 629 657	Hr02 34 39 42 38 39 37 37 34 37 37 43 37 74 75 68 Hr02 487 620 629	Hr03 31 35 39 35 41 34 33 31 34 37 12 65 66 61 Hr03 462 611 598	51 Hr04 29 33 38 34 39 34 32 30 33 33 6 8 59 Hr04 462 586	50 Hr05 28 36 40 38 36 34 33 36 53 65 60 Hr05 Hr05 828 595	87 Hr06 49 52 55 57 50 42 42 42 42 42 42 43 44 12 90 85 84 Hr06 555 642 642	132 Hr07 50 62 65 67 60 48 51 147 52 13 128 115 107 Hr07 603 663 706	Hr08 57 64 69 69 72 65 72 65 72 65 72 65 74 75 0 48 852 14 143 116 837 637 705	Hr09 59 68 71 65 43 44 47 49 14 47 146 151 122 Hr09 621 675 668	Hr10 57 60 67 64 67 64 40 88 49 47 15 140 122 120 Hr10 616 679 651	Hr11 56 59 68 62 67 65 38 34 50 46 13 31 36 139 126 Hr11 587 675 631	127 Hr12 52 57 71 61 68 66 66 36 32 52 52 138 137 137 137 137 137 567 682 682 682 682	136 Hr13 55 59 74 65 72 69 35 34 49 11 144 140 147 Hr13 570 687 635	Hr14 58 62 81 71 76 73 37 36 54 54 54 54 10 148 153 153 Hr14 572 682 636	Hr15 62 66 85 74 81 76 41 40 59 11 154 158 158 158 Hr15 576 8 668 646	Hr16 67 72 89 79 83 47 49 56 65 11 158 161 163 Hr16 598 Hr16 5980 665	Hr17 72 90 85 94 88 62 73 12 158 62 73 12 158 164 171 171 819 666 668	Hr18 74 75 92 86 99 91 61 66 66 67 77 12 161 166 170 166 Hr18 666 675 739	Hr19 71 73 86 82 94 85 62 94 85 62 75 75 155 155 155 155 155 155 155 155 1	137 Hr20 68 72 78 73 87 76 59 60 62 70 13 144 136 137 Hr20 678 778	139 Hr21 63 68 71 68 71 57 56 12 139 127 137 Hr21 657 674 772	Hr22 60 63 69 67 79 70 55 56 62 12 140 140 121 136 Hr22 Hr22 647 663 762	Hr23 56 61 66 64 75 66 52 53 54 59 12 125 114 126 Hr23 611 653 734
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long Tap Mun	n Dioxi Hr00 56 59 59 49 47 50 54 49 47 50 54 12 102 101 106 Monox 555 641 Hr00 555 641 704	de Hr01 39 46 48 44 45 45 42 40 42 40 42 40 42 81 83 75 81 81 83 75 81 81 83 96 96 9657 740	Hr02 34 39 42 38 39 39 37 34 37 34 37 34 37 43 37 43 37 43 37 43 37 43 37 43 37 68 Hr02 487 629 739	Hr03 31 35 39 35 41 34 33 31 34 33 31 34 34 37 65 66 61 Hr03 462 611 Hr03 739	51 Hr04 29 33 38 34 39 34 32 30 33 36 63 63 68 59 Hr04 462 621 621 734	50 Hr05528 36640 38840 366333 3663377 122633665 660 Hr055660 Hr055741	87 Hr06 36 49 52 55 57 50 42 42 43 44 42 43 85 84 Hr06 555 642 755	132 Hr07 50 62 65 67 60 48 51 47 752 13 128 115 107 Hr07 603 663 706 706	Hr08 57 64 69 69 72 65 47 50 48 52 47 14 141 143 116 Hr08 637 677 677 5705 705	Hr09 59 63 69 68 71 65 43 44 47 47 44 146 151 122 Hr09 621 675 668 766	Hr10 57 60 67 64 40 38 49 47 75 140 142 120 Hr10 616 679 651 765	Hr11 56 59 68 62 67 65 38 34 50 46 6 53 133 136 139 126 Hr11 587 675 631 763	127 Hr12 52 57 71 61 68 66 66 36 32 52 52 47 12 138 137 137 137 Hr12 567 682 618 759	136 Hr13 55 59 74 65 72 69 35 34 49 11 144 140 147 Hr13 570 687 635 759	Hr14 58 62 81 71 73 37 36 54 54 54 54 10 10 148 148 153 Hr14 572 682 636 636 750	Hr15 62 66 85 74 81 40 54 59 11 154 158 158 158 576 668 576 646 648 748	Hr16 67 72 89 79 87 83 47 49 56 55 111 158 161 163 161 163 161 163 758 665 598 665 752	Hr17 72 75 90 85 56 58 62 73 12 158 164 171 Hr17 619 668 9 753	Hr18 74 75 92 86 99 91 61 66 67 77 77 12 161 170 166 Hr18 666 675 739 739 751	Hr19 71 73 86 82 94 85 62 67 66 67 55 155 155 155 155 155 151 Hr19 687 687 775 775 775	137 Hr20 68 72 78 73 87 76 59 60 62 70 13 134 136 137 Hr20 675 678 778 778 775	139 Hr21 63 68 71 68 82 71 56 59 66 139 127 137 Hr21 667 674 772 755	Hr22 60 63 69 79 70 55 56 62 12 140 121 136 Hr22 647 663 762 752	Hr23 56 61 66 64 75 66 52 53 54 59 12 125 125 114 126 Hr23 611 653 734 748
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long	n Dioxi Hr00 50 59 59 66 59 49 49 47 7 50 54 12 102 101 101 106 555 Hr00 555 641 704	de Hr01 39 46 48 48 44 50 42 40 42 48 12 81 12 81 83 75 4de Hr01 509 629 657	Hr02 34 39 42 38 39 37 37 34 37 37 43 37 74 75 68 Hr02 487 620 629	Hr03 31 35 39 35 41 34 33 31 34 37 12 65 66 61 Hr03 462 611 598	51 Hr04 29 33 38 34 39 34 32 30 33 33 6 8 59 Hr04 462 586	50 Hr05 28 36 40 38 36 34 33 36 53 65 60 Hr05 Hr05 828 595	87 Hr06 49 52 55 57 50 42 42 42 42 42 42 43 44 12 90 85 84 Hr06 555 642 642	132 Hr07 50 62 65 67 60 48 51 147 752 13 128 115 107 Hr07 603 663 706	Hr08 57 64 69 69 72 65 72 65 72 65 72 65 74 75 0 48 852 14 143 116 837 637 705	Hr09 59 68 71 65 43 44 47 49 14 47 146 151 122 Hr09 621 675 668	Hr10 57 60 67 64 67 64 40 88 49 47 15 140 122 120 Hr10 616 679 651	Hr11 56 59 68 62 67 65 38 34 50 46 13 31 36 139 126 Hr11 587 675 631	127 Hr12 52 57 71 61 68 66 66 36 32 52 52 138 137 137 137 137 137 567 682 682 682 682	136 Hr13 55 59 74 65 72 69 35 34 49 11 144 140 147 Hr13 570 687 635	Hr14 58 62 81 71 76 73 37 36 54 54 54 54 10 148 153 153 Hr14 572 682 636	Hr15 62 66 85 74 81 76 41 40 59 11 154 158 158 158 Hr15 576 8 668 646	Hr16 67 72 89 79 83 47 49 56 65 11 158 161 163 Hr16 598 Hr16 5980 665	Hr17 72 90 85 94 88 62 73 12 158 62 73 12 158 164 171 171 819 666 668	Hr18 74 75 92 86 99 91 61 66 66 67 77 12 161 166 170 166 Hr18 666 675 739	Hr19 71 73 86 82 94 85 62 94 85 62 75 75 155 155 155 155 155 155 155 155 1	137 Hr20 68 72 78 73 87 76 59 60 62 70 13 144 136 137 Hr20 678 778	139 Hr21 63 68 71 68 82 71 56 59 66 139 127 137 Hr21 667 674 772 755	Hr22 I 60 63 69 67 79 70 55 56 56 56 12 140 121 136 Hr22 647 663 762 1024 1024	Hr23 56 61 66 64 75 66 52 53 54 59 12 125 114 126 Hr23 611 653 734
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay	n Dioxi Hr00 50 59 59 59 66 59 49 47 7 50 55 54 12 102 101 101 106 Monox Monox 41704 104	de Hr01 39 46 48 44 50 42 40 42 40 42 40 42 81 83 75 83 75 84 65 75 9657 740 1248	Hr02 34 39 42 38 44 39 37 43 12 74 43 12 74 62 62 9 629 487 620 629 1227	Hr03 31 35 39 35 41 33 33 31 34 33 31 34 37 72 65 66 61 Hr03 462 611 598 9 739 1110	51 Hr04 29 33 38 34 32 30 33 33 36 12 63 68 68 59 59 Hr04 462 621 586 734 1040	50 Hr055 28 36 40 38 40 33 36 33 37 12 63 65 60 Hr055 488 628 5955 489 5949	87 Hr06 36 49 55 55 57 50 42 42 42 42 43 44 41 290 90 85 84 84 Hr06 555 642 642 642 85 802	132 Hr07 50 62 65 67 60 48 51 13 128 115 107 Hr07 603 663 706 763 786	Hr08 57 64 69 69 72 65 50 47 750 48 47 50 48 52 14 141 143 116 Hr08 637 677 705 880	Hr09 59 63 69 68 71 65 43 44 47 49 14 146 151 122 Hr09 621 675 668 927	Hr10 57 60 67 64 40 38 49 47 15 140 142 120 Hr10 616 679 651 1018	Hr11 56 59 68 62 67 65 38 34 46 13 136 139 126 Hr11 587 675 631 57 631 1042	127 Hr12 52 57 71 61 68 66 63 66 32 52 52 47 12 138 137 137 137 137 Hr12 567 682 618 1032	136 Hr13 55 59 74 65 72 69 35 53 34 49 11 144 140 147 140 147 570 687 635 570 87 759 91011	Hr14 58 62 81 71 76 54 54 54 54 10 10 148 153 153 Hr14 572 682 636 636 975	Hr15 62 66 85 74 81 76 41 40 54 59 11 154 559 11 158 158 158 8 668 646 646 979	Hr16 67 72 89 79 83 47 83 47 83 47 49 56 65 11 158 161 163 163 164 163 98 660 665 598 660	Hr17 72 75 90 85 58 58 58 62 73 12 158 164 171 Hr17 619 666 689 928	Hr18 74 75 92 86 99 91 61 66 67 12 161 170 166 Hr18 666 675 739 751 978	Hr19 71 73 86 82 94 85 62 67 75 12 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 73 87 76 60 62 70 131 136 137 Hr20 675 676 778 137	139 Hr21 63 68 71 68 82 71 56 59 66 12 139 127 139 127 137 Hr21 657 657 657 657 1116 958	Hr22 I 60 63 69 67 79 55 56 62 12 140 121 136 Hr22 647 663 762 752 1 1024 1 853 853	Hr23 56 61 66 64 75 66 52 53 54 59 12 125 114 125 114 126 Hr23 611 653 734 748 016
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mun Causeway Bay Central Mun Causeway Bay Central Mun Causeway Bay	n Dioxi Hr00 50 559 59 66 59 59 49 47 750 54 12 102 101 106 Hr00 555 641 704 744 744 813	de Hr01 39 46 48 44 45 45 42 40 42 42 40 42 48 12 81 12 81 12 81 75 509 629 657 740 1248 756	Hr02 34 39 42 38 44 43 37 34 43 12 74 43 75 68 Hr02 620 629 739 1227 651	Hr03 31 35 39 35 41 34 33 31 34 33 31 34 33 31 56 66 61 61 Hr03 462 611 598 739 739 1110 602	51 Hr04 29 33 38 34 39 34 32 30 33 33 36 68 59 59 Hr04 462 586 67 34 040 563	50 Hr05528 36640 38840 383433 366334 333 3665560 Hr0554888 5955741 741 9499596	87 Hr06 36 49 55 55 57 50 42 42 42 42 42 43 44 42 90 85 55 55 55 55 55 55 55 55 55 55 55 55	132 Hr07 50 62 65 67 60 48 51 72 13 128 115 107 Hr07 663 706 786 710	Hr08 57 64 69 96 972 65 47 50 48 52 14 141 143 116 Hr08 637 637 705 763 880 880 880	Hr09 59 63 69 68 71 65 43 44 47 49 14 14 151 122 Hr09 621 675 668 766 675 668 7927 933	Hr10 57 60 67 64 40 38 49 47 71 5 140 142 120 Hr10 616 679 651 765 1018 1018	Hr11 56 59 68 62 67 65 338 34 50 76 53 8 46 13 136 139 126 Hr11 587 675 631 1763 1042 904	127 Hr12 52 57 71 61 68 66 32 52 47 71 2 138 137 137 137 137 137 662 662 618 759 2 618 759 836	136 Hr13 55 59 74 65 72 69 35 34 53 49 11 144 140 147 Hr13 570 687 635 570 687 635	Hr14 58 62 81 73 37 36 54 54 10 148 153 Hr14 153 Hr14 572 682 636 750 893	Hr15 62 66 85 74 81 76 41 40 54 59 111 559 115 8 559 115 8 558 576 668 646 646 646 748 979 875	Hr16 67 72 89 79 87 83 47 49 566 65 111 158 665 161 163 Hr16 752 898 660 665 752 928 833	Hr17 72 75 90 85 56 88 56 58 86 2 73 12 158 164 171 Hr17 619 666 689 753 885	Hr18 74 75 92 86 67 99 91 61 66 67 777 12 161 170 166 675 739 751 866 675 739 978 932	Hr19 71 73 86 82 94 85 62 67 75 12 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 87 73 87 76 60 62 65 9 60 62 70 13 144 136 137 144 136 755 675 675 675 675 778 778 778	139 Hr21 63 68 71 68 82 71 56 59 66 12 139 127 139 127 137 Hr21 657 657 657 657 1116 958	Hr22 I 60 63 69 67 79 55 56 62 12 140 121 136 Hr22 647 663 762 752 1 1024 1 853 853	Hr23 56 61 66 66 52 53 54 59 12 125 114 126 Hr23 653 734 748 663 734 748 016 839
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Ting Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central	n Dioxi Hr00 50 559 59 66 59 59 49 47 750 54 12 102 101 106 Hr00 555 641 704 744 744 813	de Hr01 39 46 48 44 45 45 42 40 42 42 40 42 48 12 81 12 81 12 81 75 509 629 657 740 1248 756	Hr02 34 39 42 38 44 43 37 34 43 12 74 43 75 68 Hr02 620 629 739 1227 651	Hr03 31 35 39 35 41 34 33 31 34 33 31 34 33 31 56 66 61 61 Hr03 462 611 598 739 739 1110	51 Hr04 29 33 38 34 39 34 32 30 33 33 36 68 59 59 Hr04 462 586 67 34 040 563	50 Hr05528 36640 38840 383433 366334 333 3665560 Hr0554888 5955741 741 9499596	87 Hr06 36 49 55 55 57 50 42 42 42 42 42 43 44 42 90 85 55 55 55 55 55 55 55 55 55 55 55 55	132 Hr07 50 62 65 67 60 48 51 72 13 128 115 107 Hr07 663 706 786 710	Hr08 57 64 69 96 972 65 47 50 48 52 14 141 143 116 Hr08 637 637 705 763 880 880 880	Hr09 59 63 69 68 71 65 43 44 47 49 14 14 151 122 Hr09 621 675 668 766 675 668 7927 933	Hr10 57 60 67 64 40 38 49 49 47 715 140 142 120 Hr10 616 679 651 765 1018 1018	Hr11 56 59 68 62 67 65 338 34 50 76 53 8 46 13 136 139 126 Hr11 587 675 631 1763 1042 904	127 Hr12 52 57 71 61 68 66 32 52 47 71 2 138 137 137 137 137 137 662 662 618 759 2 618 759 836	136 Hr13 55 59 74 65 72 69 35 34 53 49 11 144 140 147 Hr13 570 687 635 570 687 635	Hr14 58 62 81 73 37 36 54 54 10 148 153 Hr14 153 Hr14 572 682 636 750 893	Hr15 62 66 85 74 81 76 41 40 54 59 111 559 115 8 559 115 8 558 576 668 646 646 646 748 979 875	Hr16 67 72 89 79 87 83 47 49 566 65 111 158 665 161 163 Hr16 752 898 660 665 752 928 833	Hr17 72 75 90 85 56 88 56 58 86 2 73 12 158 164 171 Hr17 619 666 689 753 885	Hr18 74 75 92 86 67 99 91 61 66 67 777 12 161 170 166 675 739 751 866 675 739 978 932	Hr19 71 73 86 82 94 85 62 67 75 12 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 87 73 87 76 60 62 65 9 60 62 70 13 144 136 137 144 136 755 675 675 675 675 778 778 778	139 Hr21 63 68 71 68 82 71 56 59 66 12 139 127 139 127 137 Hr21 657 657 657 657 1116 958	Hr22 1 60 63 69 67 79 70 55 56 52 12 140 121 136 647 663 752 1024 1 1024 1 1049 1	Hr23 56 61 66 66 52 53 54 59 12 125 114 126 Hr23 653 734 748 663 734 748 016 839
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok	n Dioxi Hr00 50 59 59 66 59 49 47 750 54 12 102 101 106 Monox Monox 47 05 54 641 704 744 813 1084	de Hr01 39 46 48 44 50 42 42 48 81 12 81 83 75 509 629 629 629 629 629 629 621 1248 756 1248	Hr02 34 39 42 38 44 39 37 34 33 4 33 4 37 74 75 68 Hr02 620 629 739 739 739 739 1227 651 1059	Hr03 31 35 39 41 34 33 31 34 37 72 65 66 61 462 611 598 739 739 739 1110 602 954	51 Hr04 29 33 38 34 32 30 63 33 36 61 22 63 33 36 68 59 9 Hr04 462 1 588 621 588 621 563 927	50 Hr05 28 36 40 38 38 36 33 63 36 53 63 65 60 Hr05 488 628 628 629 596 909 909 Hr05 542	87 Hr06 36 49 52 55 57 50 42 42 42 42 42 42 42 43 44 41 12 90 0 85 88 84 Hr06 555 584 802 802 8584 860	132 Hr07 50 62 62 65 67 60 85 13 128 115 107 Hr07 603 663 706 763 706 773 786 710 875	Hr08 57 64 69 69 72 65 50 48 52 14 141 143 116 Hr08 637 637 637 677 705 763 880 847 940	Hr09 59 63 69 68 71 65 43 44 47 49 14 146 151 122 Hr09 621 675 668 766 675 668 705 1005	Hr10 57 60 67 64 67 64 40 88 49 47 15 140 142 120 Hr10 616 679 651 765 1018 1018 1001	Hr11 56 59 68 62 67 65 38 34 50 46 13 136 139 126 Hr11 587 675 631 763 904 981	127 Hr12 52 57 71 61 66 66 36 32 47 12 138 137 137 137 137 137 137 137 137 137 137	136 Hr13 55 59 74 65 53 49 53 49 11 144 140 147 Hr13 570 687 635 759 1011 939 1054	Hr14 58 62 81 71 76 73 36 54 54 54 10 148 148 153 10 148 153 636 636 750 893 1086	Hr15 62 66 85 74 41 76 41 40 54 59 11 154 158 158 158 158 668 646 646 646 6748 979 875 1096	Hr16 67 72 89 87 87 83 47 49 56 65 111 158 161 163 161 163 161 163 998 660 665 752 833 1103	Hr17 72 75 90 85 85 85 85 62 158 164 171 158 164 171 619 666 689 753 866 865 1123	Hr18 74 75 92 99 99 91 61 66 67 77 77 77 161 170 166 675 739 751 8666 675 739 751 8932 1180	Hr19 71 73 86 82 94 85 62 94 85 62 67 66 75 15 155 155 155 155 155 155 155 155 1	137 Hr20 68 72 78 76 59 60 62 70 136 137 Hr20 675 675 675 137 Hr20 137 Hr20 137 136 137	139 Hr21 63 68 71 68 71 57 56 127 139 127 137 Hr21 657 674 772 755 1116 958 1103	Hr22 1 60 63 69 67 79 70 55 56 52 12 140 121 136 647 663 752 1024 1 1024 1 1049 1	H123 56 61 66 64 755 53 54 59 12 125 114 126 611 663 54 59 12 125 114 126 611 663 7748 601 603 7748 601 603 7748 7
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Tung Chung Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern	n Dloxidy Hr00 50 55 59 66 59 9 49 47 50 54 12 102 102 102 102 102 102 102 102 102	de Hr01 39 46 48 44 450 45 45 42 40 42 40 42 42 40 42 42 40 65 75 657 740 629 657 740 629 657 740 1121	Hr02 34 39 42 38 38 37 33 43 37 34 43 37 5 68 Hr02 620 629 739 9 227 651 1059 Hr02 42 47	Hr03 31 35 39 36 41 34 33 31 33 31 34 34 65 66 66 61 462 598 739 954 Hr03 43 43 48	51 Hr04 29 33 38 34 33 30 33 33 36 63 33 36 63 59 59 Hr04 462 621 586 586 734 1040 927 Hr04 43 48	50 Hr05 28 36 40 38 40 33 33 36 55 56 488 628 595 741 949 949 949 949 949 949 949	87 Hr06 36 49 52 55 57 50 42 42 43 44 42 43 44 44 90 85 56 642 755 642 755 642 755 84 84 90 84 90 85 642 85 642 755 77 50 90 84 90 84 90 84 90 85 77 84 90 85 77 77 75 77 77	132 Hr07 50 62 65 67 67 60 48 51 128 115 107 Hr07 603 663 706 760 763 706 710 875 Hr07 23 29	Hr08 57 64 69 69 72 65 52 14 14 141 143 116 Hr08 837 765 763 880 847 940 Hr08 847 330	Hr09 59 63 69 71 65 64 43 44 47 71 14 14 14 14 151 122 Hr09 621 157 668 766 668 766 668 705 675 675 675 675 675 675 703 1005	Hr10 57 60 67 64 40 38 49 49 47 15 140 142 120 Hr10 616 679 651 765 651 1018 1001 1002 Hr100 29 42	Hr111 56 59 68 62 67 65 53 8 34 46 13 136 139 126 Hr111 587 763 631 1042 994 994 994 994 994 994 994 904 995	127 Hr12 52 57 71 61 68 66 66 66 52 52 138 137 137 137 137 137 137 137 137	136 Hr13 55 59 74 65 72 69 35 49 11 144 140 147 147 147 93 1011 49 1015 939 1054 Hr13 52 63	Hr14 58 62 81 77 76 54 10 148 153 Hr14 153 Hr14 572 682 682 682 682 683 1086 Hr14 53 562	Hr15 62 66 85 74 81 76 74 81 76 74 81 75 95 91 158 158 158 158 158 668 668 668 668 668 668 646 6748 979 9875 1096	Hr16 67 72 89 87 79 87 47 49 66 65 11 158 161 163 161 163 163 163 164 660 665 752 928 833 1103 1103	Hr17 72 75 90 85 56 58 56 58 58 62 12 158 164 171 164 171 164 171 164 97 53 88 5 1123 Hr17 38 55	Hr18 74 75 92 99 91 61 66 67 777 12 161 66 67 57 739 751 978 932 1180 Hr18 932 1180	Hr19 71 73 86 82 94 85 62 67 75 12 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 72 78 77 60 62 70 61 62 70 131 137 138 137 138 137 138 137 138 139 1317 1317 1317 1318 1319	139 Hr21 63 67 71 68 71 68 71 57 56 59 66 12 139 127 674 772 765 1116 958 1103 Hr21 29 41	Hr22 1 60 63 69 67 79 70 55 56 52 12 140 121 136 752 762 752 762 752 1024 1 1049 1 Hr22 1 41 41	H123 56 61 66 52 53 54 59 12 125 114 125 114 126 653 734 126 11 6653 734 126 11 6653 734 9019 1123 1126 1126 1126 1126 1126 1126 1126
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwai Chung Kwan Tong Sham Shui Po Tsuen Wan Tai Po Tang Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung	n Dioxid Hr00 50 55 59 59 59 49 47 70 55 54 102 101 106 Hr00 555 641 1704 Hr00 555 641 1048 Hr00 311 41 27	de Hr01 39 46 48 44 50 45 45 40 42 40 42 81 12 81 12 81 12 81 50 9 629 657 740 1248 657 740 1248 124 81 124 81 13 9 629 657 75 63 124 8 1121 124 8 1121 8 1121 8 124 8 12 8 12	Hr02 34 39 42 38 44 43 9 37 7 43 37 7 43 37 7 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 43 77 74 10 77 10 77 10 77 10 77 10 77 10 77 10 77 10 77 10 77 10 77 10 77 10 77 10 77 10 77 10 77 10 73 77 10 73 77 10 73 73 73 73 73 73 73 73 73 73 73 73 73	Hr03 31 35 39 36 41 33 31 34 33 31 34 33 31 44 33 31 5 66 66 61 87 39 91 110 602 954 954 Hr03 43 48 35	51 Hr04 29 33 38 34 34 32 33 36 68 59 34 462 621 563 68 59 59 Hr04 462 621 573 40563 927 927 927 927	50 Hr05 28 36 40 38 40 36 37 56 60 488 628 5741 949 909 909 Hr05 42 45 63 22 45 63 595 5741 596 596 590 590 590 590 590 590 590 590 590 590	87 Hr06 36 49 52 55 57 50 42 43 44 42 43 44 42 90 90 88 5 88 84 Hr06 555 56 42 58 642 58 802 58 860 860 860 860 860 860 860 860 860 86	132 Hi07 50 62 62 63 663 766 763 766 766 763 766 763 786 786 781 875 Hr07 23 29 18	Hr08 57 64 69 72 65 50 72 72 14 7 50 72 14 143 116 Hr08 637 763 880 775 763 880 847 940 Hr08 847 940	Hr09 59 63 69 68 71 65 74 43 44 47 7 49 14 14 14 67 5 62 7 66 8 766 668 766 6927 903 1005 Hr09 23 355 20	Hr10 57 60 67 64 40 38 49 49 47 15 140 15 140 15 140 15 140 616 679 651 765 651 765 1018 1001 1002 4 1002 29 22 6	Hr11 56 59 88 62 67 75 38 34 46 139 126 139 126 Hr11 587 675 631 1042 904 Hr11 38 850 32	127 Hr12 52 57 77 61 68 66 66 66 63 65 52 138 137 137 137 137 137 137 137 137 137 137	136 Hr13 55 59 74 65 59 72 69 35 53 49 11 144 140 147 Hr13 570 687 637 637 1054 Hr13 52 63 39	Hr14 58 62 81 77 73 37 36 54 10 148 153 153 Hr14 572 682 636 750 975 1086 Hr14 53 3893	Hr15 62 66 85 74 81 76 41 40 54 55 154 154 158 158 158 158 158 158 156 668 646 648 979 875 1096 Hr15 52 61 36	Hr16 67 72 89 87 79 79 79 79 79 79 79 79 79 75 11 161 163 158 161 163 163 163 163 163 163 163 1752 928 833 1103 1103 1103 1103 1103 1103 1103	Hr17 72 75 90 85 85 86 88 56 62 73 12 158 164 171 158 164 171 619 666 689 928 865 1123 1123 Hr17 388 50	Hr18 74 75 92 86 99 91 161 66 67 77 12 161 166 675 773 751 751 978 751 978 751 1180 Hr18 322 47 72	Hr19 71 73 86 82 94 85 62 67 75 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 72 78 776 59 60 62 70 61 133 144 136 137 Hr20 675 678 778 775 1154 Hr20 29 41 23	139 Hr21 63 68 71 68 71 68 71 57 56 59 66 512 139 127 139 127 139 127 139 127 137	Hr22 1 60 - 67 - 67 - 79 - 55 - 56 - 121 - 136 - -	H123 56 61 66 64 75 52 53 12 125 59 12 125 59 12 125 59 12 125 59 12 126 59 12 126 59 12 126 59 12 126 59 127 126 50 50 127 126 50 50 127 126 50 127 126 50 127 126 50 127 126 50 127 126 50 107 40 107 107 107 107 107 107 107 10
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kwai Chung Kiwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Station Central / Western Eastern Kwai Chung Kwun Tong	n Dioxid Hr000 50 50 59 59 59 66 59 49 47 70 50 50 50 101 106 100 50 56 41 100 106 Hr000 55 56 41 104 813 1048 813 1048 813 1048 813 1048 813 1048 813 1048 813 1048 813 1048 813 1048 1050 1050 1050 1050 1050 1050 1050 105	de Hr01 39 46 48 48 44 45 42 42 48 42 48 42 48 83 75 42 48 83 75 629 629 629 629 627 740 1248 756 1121 121 1248 756 34 40 40 40 40 40 40 40 40 40 40 40 40 40	Hr02 34 39 44 43 38 37 37 37 34 43 43 43 43 75 68 Hr02 48 75 620 620 620 9 1227 651 1059 Hr02 42 47 7 55 43 43 43 44 43 43 44 43 44 43 44 43 44 43 44 44	Hr03 31 35 39 35 41 33 31 33 31 33 31 33 31 37 7 22 66 61 61 1598 739 739 602 954 Hr03 43 43 43 43	51 Hr04 29 33 38 38 34 32 30 33 33 36 63 33 36 63 59 59 Hr04 462 58 621 588 621 588 621 588 621 59 59 Hr04 462 59 59 Hr04 462 33 36 36 36 36 36 36 36 36 36 36 36 36	50 Hr05528 36 40 33 36 33 33 63 37 712 63 33 66 50 56 55 60 Hr05542 488 5965741 9099 9099 Hr05542 45 322 38	87 Hr066 36 49 52 55 57 50 42 42 43 44 41 12 90 0 85 84 12 90 85 84 84 84 84 84 84 84 84 84 84	132 Hr07 50 62 65 67 60 48 51 13 128 51 107 128 51 107 10 603 706 706 706 706 710 875 786 710 875 9 875 818 818 22	Hr08 57 64 69 69 72 50 72 50 72 50 72 50 72 75 50 747 141 143 116 Hr08 637 637 705 763 880 847 940 Hr08 21 30 130 16 22	Hr09 59 63 69 68 71 44 43 44 44 151 122 Hr09 621 57 668 766 675 668 766 675 668 7005 1005	Hr10 57 60 67 64 40 38 84 47 15 140 142 120 Hr10 616 679 651 705 705 705 705 705 705 705 705 705 705	Hr111 56 59 662 67 55 55 55 55 53 4 46 133 136 139 126 Hr111 587 631 7675 631 7675 631 7042 904 981 Hr111 38 350 0 22 242	127 52 57 71 61 68 66 66 36 62 52 52 74 7 71 137 137 137 137 137 137 137 137 13	136 Hr13 55 59 74 65 59 72 69 35 72 69 34 49 11 144 140 147 140 147 147 635 759 1054 Hr13 572 635 339 9 553	Hr14 58 62 71 77 73 37 36 54 54 10 148 148 153 Hr14 572 636 632 636 750 975 893 1086 Hr14 53 53 53 53 55 55 55 55 55 55 55 55 55	Hr155 62 66 85 74 81 17 41 40 59 91 11 40 59 91 11 58 158 158 158 158 158 875 668 646 646 646 649 875 1096	Hr16 67 72 89 89 87 79 87 49 56 65 11 11 163 161 163 161 163 163 161 163 163	Hr17 72 75 90 95 85 56 58 26 73 12 158 164 171 158 164 171 158 164 171 158 164 171 158 164 171 158 164 171 158 164 171 158 164 171 375 56 56 56 56 56 56 56 56 56 56 56 56 56	Hr18 74 75 99 99 99 91 161 66 67 77 77 12 161 170 166 4 739 751 180 751 1180 Hr18 32 47 7 222 47 232	Hr19 71 73 82 94 85 62 67 75 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 78 76 59 60 62 70 70 70 13 144 136 137 136 137 14 136 137 70 55 5 962 1154 1122 962 1154 1122 962 1154 1122 962 33 33	139 Hr21 63 68 71 68 71 57 56 59 66 12 139 Hr21 657 755 674 772 755 1103 Hr21 1116 958 1103 Hr21 29 41 24 34	Hr22 1 60 - 63 - 67 - 70 - 55 - 56 - 121 - 136 - Hr22 1 Hr22 - Hr22 1 Hr22 1 Hr22 1 Hr22 1 Hr22 2 41 - 24 - 32 -	Hr23 56 66 66 52 53 54 59 12 125 114 125 114 126 Hr23 611 665 734 611 665 734 611 663 734 839 019 Hr23 30 40 25 32
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Tap Mun Causeway Bay Central J Mong Kok Pollutant: Ozone Station Central Mun Causeway Bay Central Mong Kok	n Dioxid Hr00 50 559 599 599 599 599 599 599 49 47 750 500 555 102 102 101 100 555 5641 704 704 704 704 813 1048	de Hr01 399 46 48 44 44 45 42 40 40 42 42 48 81 83 509 629 657 740 1248 Hr01 1248 Hr01 1248 45 45 43 45 45 43 45 45 43 45 45 43 44 40 40 50 83 45 40 40 40 40 40 40 40 40 40 40 40 40 40	H102 34 39 42 38 44 43 39 37 37 37 43 37 74 37 75 68 H102 487 739 739 729 739 729 739 729 739 729 739 729 739 729 739 739 74 74 75 68 71 729 739 737 74 75 68 71 729 739 737 74 75 68 71 729 739 739 737 74 74 75 68 71 729 739 739 739 739 739 739 737 74 739 739 739 739 739 739 739 739	Hr03 31 35 39 35 34 33 31 34 33 31 34 33 43 37 22 65 66 61 1 10 02 954 Hr03 43 43 43 35 34 35 34 35 35 34 36 35 36 37 37 37 37 37 37 37 37 37 37 37 37 37	51 Hr04 29 33 38 34 34 32 30 33 33 36 63 33 36 68 83 59 59 927 Hr04 462 621 563 927 Hr04 43 39 32 33 33 36 68 88 58 59 34 10 40 33 33 33 33 36 56 36 36 36 36 36 37 36 37 37 37 37 37 37 37 37 37 37 37 37 37	50 Hr05528 36 40 38 40 33 33 36 55 56 59 59 59 69 90 90 90 90 90 90 90 90 90 90 90 90 90	87 Hr06 36 49 52 55 57 50 42 42 43 44 42 43 44 12 90 90 85 56 42 90 88 4 88 4 88 4 88 4 88 4 88 4 88 4 8	132 Hi07 50 62 62 65 760 48 115 131 128 115 131 128 115 663 706 766 763 706 706 706 706 706 706 706 706 706 706 706 706 706 707 708 709 875 80 90 18 21 18	Hr08 57 64 69 69 65 47 50 65 47 50 50 47 75 50 67 77 50 763 800 775 763 847 940 Hr08 847 940 16 212 847	Hr09 59 63 43 44 47 49 44 146 151 122 Hr09 621 675 668 766 668 766 668 766 927 1005	Hr10 57 60 67 64 49 47 15 140 142 120 616 651 765 1018 8 1001 1002 9 9 42 226 34 30	Hr111 56 59 68 62 67 50 50 46 50 139 126 Hr111 587 675 631 763 1042 904 994 994 994 994 904 30 00 32 2422 422	127 52 57 71 61 68 68 66 66 36 32 52 52 133 137 137 137 137 137 137 137 137 137	136 Hr13 55 59 74 65 72 69 35 34 53 49 11 144 140 147 Hr13 570 635 759 1011 939 1054 Hr13 52 63 939 53 39 53 39 53 39 53 39 53 39 53 39 53 39 53 39 53 54	Hr14 58 62 81 73 37 33 54 54 54 10 148 148 153 148 153 1086 750 750 975 636 636 750 975 1086 750 893 1086 Hr14 47	Hr155 62 66 85 74 41 40 41 45 99 111 154 158 158 158 158 158 1576 668 646 646 748 979 1096 Hr155 52 61 36 44	Hr16 67 72 88 79 87 83 47 49 56 65 56 55 111 163 158 161 163 158 161 163 158 161 163 158 161 163 158 161 163 175 2928 Hr16 598 833 1103 1103 1103 1103 1103 1103 1103	Hr17 72 75 94 85 56 62 73 12 158 164 171 158 164 171 158 164 171 158 164 171 171 8865 1123 753 928 Hr17 38 669 753 753 922 77 36 603 930 123 77 36 639 77 753 753 753 753 753 753 753 753 753	Hr18 74 75 99 99 91 61 66 67 77 72 161 170 166 67 5 6 772 161 170 166 67 5 5 739 739 739 739 731 180 Hr18 8 322 1180 222 21	Hr19 71 73 86 82 85 62 67 75 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 72 78 77 60 62 70 61 62 70 131 131 137 138 137 138 13962 1154 Hr20 241 23 33 33 33	139 Hi21 63 68 71 68 71 57 56 59 66 127 139 127 674 772 755 1103 Hr21 29 41 24 34 32	Hr22 1 60 63 69 67 79 70 55 56 52 12 140 121 136 752 762 762 752 1024 1024 1 1049 1 Hr22 1 41 24 24 32 22 22	H123 56 61 66 64 75 66 65 53 54 59 125 1114 125 1114 125 1114 125 1114 125 1114 125 1114 125 1114 125 1114 125 125 125 125 125 125 125 125
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwai Chung Sham Shui Po Tisuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tisuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Kwai Tong Sham Shui Po Tisuen Wan	n Dioxid Hr00 50 55 59 59 59 49 47 7 55 54 102 102 102 102 102 102 102 102 102 102	de H01 39 46 48 44 50 42 48 42 48 41 83 75 509 657 740 1248 1121 Hr01 39 46 Hr01 39 44 40 534 40	H102 34 39 42 38 44 43 9 37 43 37 43 37 43 37 43 37 43 37 43 37 43 37 43 37 43 43 9 37 74 43 74 43 74 43 74 43 74 43 74 43 75 68 H102 487 487 487 487 487 487 487 487	Hr03 31 35 39 35 41 33 31 33 31 33 31 33 31 33 31 33 33 4 8 462 611 598 954 402 954 433 433 433 538 433 38 838 838	51 Hr04 29 33 38 34 33 34 32 33 36 68 59 Hr04 462 621 563 59 Hr04 462 621 59 Hr04 462 63 59 Hr04 462 63 63 63 68 59 Hr04 462 63 63 63 63 63 63 63 63 63 63	50 Hr05 28 30 30 30 30 30 30 30 30 30 30 30 30 30	87 H:06 36 49 52 55 57 50 42 43 44 41 1 90 85 642 90 85 642 90 85 642 555 642 555 642 555 642 555 642 555 642 649 90 90 90 90 90 90 90 90 90 9	132 Hi07 50 62 62 63 648 11 47 52 133 128 115 107 603 663 663 706 786 780 780 780 781 875 Hr07 23 29 29 18 228 18	Hr08 57 64 69 69 69 72 50 47 47 50 48 52 141 143 116 Hr08 637 677 705 677 775 880 847 940 940 940 941 941 941 941 941 941 941 941 941 941	Hr09 59 63 49 68 43 44 47 47 49 146 151 122 Hr09 621 67 668 927 933 1005 Hr09 23 35 5 20 26 223 23	Hr10 57 60 67 64 40 38 49 47 15 120 140 142 120 140 142 120 140 142 120 140 142 120 140 142 120 140 142 120 140 142 120 140 142 120 140 142 140 142 142 140 142 142 140 142 142 140 142 140 142 140 142 140 142 140 142 140 142 140 142 140 142 140 142 140 142 140 142 140 142 140 142 140 142 140 140 142 140 140 142 140 140 142 140 140 140 140 140 140 140 140 140 140	Hr11 56 59 88 62 67 75 38 34 46 139 126 126 139 126 126 126 126 126 126 126 126 126 126	127 Hr12 52 57 71 61 68 66 32 133 137 1338 759 10322 836 58 58 58 58 58 58 58 58 58 58 58	136 Hr13 55 59 74 65 59 72 69 34 53 34 101 144 140 147 Hr13 570 687 635 759 1054 Hr13 52 63 53 39 53 46	Hr14 58 62 81 71 73 37 36 54 54 148 148 148 148 153 148 148 153 1086 975 572 682 975 893 1086 Hr14 53 62 838 1086 51 47	Hr155 62 66 85 74 81 76 41 40 59 11 54 59 1154 158 158 158 158 158 158 157 66 668 646 648 979 979 875 52 61 1096	Hr16 67 72 89 87 87 83 47 49 49 56 665 55 11 163 163 163 163 163 163 163 163 163	Hr17 72 75 90 85 94 88 56 62 73 12 158 164 171 158 164 171 619 666 689 928 865 1123 928 865 1123 928 865 30 33	Hr18 74 75 92 86 99 91 61 67 77 12 161 170 166 675 739 71 170 166 675 739 739 932 1180 Hr18 322 47 722 32 232 232	Hr19 71 73 86 82 94 85 62 67 75 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 72 78 77 66 60 62 70 61 133 144 136 137 Hr20 675 678 755 1154 Hr20 29 41 41 23 33 22 33 22	139 Hr21 63 68 71 68 71 68 71 67 139 127 139 127 139 127 139 127 139 127 139 127 139 127 139 127 139 127 139 127 139 127 139 127 139 127 137 Hr21 2958 1103 41 24 34 24	Hr22 1 60 - 67 - 67 - 70 - 55 - 56 - 121 - 136 - 447 - 663 - 1024 1 663 - 1024 1 1049 1 41 - 24 - 32 - 22 -	H23 56 61 66 64 75 66 52 53 54 59 12 1114 125 1114 125 1114 125 1114 125 1114 125 1114 125 1114 125 1114 125 130 19 10 19 10 19 10 19 10 19 10 19 10 19 10 19 10 19 10 10 10 10 10 10 10 10 10 10 10 10 10
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Tap Mun Causeway Bay Central J Mong Kok Pollutant: Ozone Station Central Mun Causeway Bay Central Mong Kok	n Dioxid Hr00 50 559 599 599 66 59 49 47 750 555 102 102 101 106 555 5641 704 704 704 704 704 813 1048	de Hr01 399 46 48 44 44 45 42 40 40 42 42 48 81 83 509 629 657 740 1248 Hr01 1248 Hr01 1248 45 45 43 45 45 43 45 45 43 45 45 43 44 40 40 50 83 45 40 40 40 40 40 40 40 40 40 40 40 40 40	H102 34 39 42 38 44 43 39 37 37 37 43 37 74 37 75 68 H102 487 739 739 729 739 729 739 729 739 729 739 729 739 729 739 739 74 74 75 68 71 729 739 737 74 75 68 71 729 739 739 737 74 75 68 74 74 75 68 739 739 739 739 739 74 74 75 68 74 74 75 75 68 75 739 739 739 739 739 739 739 739	Hr03 31 35 39 35 34 33 31 34 33 31 34 33 43 37 22 65 66 61 1 10 02 954 Hr03 43 43 43 35 34 35 34 35 35 34 36 35 36 37 37 37 37 37 37 37 37 37 37 37 37 37	51 Hr04 29 33 38 34 34 32 30 33 33 36 63 33 36 68 83 59 59 927 Hr04 462 621 563 927 Hr04 43 39 32 33 33 36 68 88 58 59 34 34 30 33 33 33 36 56 36 36 36 37 30 37 30 37 37 37 37 37 37 37 37 37 37 37 37 37	50 Hr05528 36 40 38 40 33 33 36 55 56 59 59 59 69 90 90 90 90 90 90 90 90 90 90 90 90 90	87 Hr06 36 49 52 55 57 50 42 42 43 44 42 43 44 12 90 90 85 56 42 90 88 4 88 4 88 4 88 4 88 4 88 4 88 4 8	132 Hi07 50 62 62 65 760 48 115 131 128 115 131 128 115 663 706 766 763 706 706 706 706 706 706 706 706 706 706 706 706 706 706 706 706 706 706 707 710 875 80 81 91 82 18	Hr08 57 64 69 69 65 47 50 65 47 50 50 47 75 50 67 77 50 763 800 775 763 847 940 Hr08 847 940 16 212 847	Hr09 59 63 43 44 47 49 44 146 151 122 Hr09 621 675 668 766 668 766 668 766 927 1005	Hr10 57 60 67 64 49 47 15 140 142 120 616 651 765 1018 8 1001 1002 9 9 42 226 34 30	Hr111 56 59 68 62 67 50 50 46 50 139 126 Hr111 587 675 631 763 1042 904 994 994 994 994 904 30 00 32 2422 422	127 52 57 71 61 68 68 66 66 36 32 52 52 133 137 137 137 137 137 137 137 137 137	136 Hr13 55 59 74 65 72 69 35 34 53 49 11 144 140 147 Hr13 570 635 759 1011 939 1054 Hr13 52 63 939 53 39 53 39 53 39 53 39 53 39 53 39 53 39 53 39 53 54	Hr14 58 62 81 73 37 33 54 54 54 10 148 148 153 148 153 1086 750 750 975 636 636 750 975 1086 750 893 1086 Hr14 47	Hr155 62 66 85 74 41 40 41 45 99 111 154 158 158 158 158 158 1576 668 646 646 748 979 1096 Hr155 52 61 36 44	Hr16 67 72 88 79 87 83 47 49 56 65 56 55 111 163 158 161 163 158 161 163 158 161 163 158 161 163 158 161 163 175 2928 Hr16 598 833 1103 1103 1103 1103 1103 1103 1103	Hr17 72 75 94 85 56 62 73 12 158 164 171 158 164 171 158 164 171 158 164 171 171 8865 1123 753 928 Hr17 38 669 753 753 922 77 36 603 930 123 77 36 639 77 753 753 753 753 753 753 753 753 753	Hr18 74 75 99 99 91 61 66 67 77 72 161 170 166 67 5 6 772 161 170 166 67 5 5 739 739 739 739 751 978 972 1180 Hr18 832 2 1180 22 22 22 22	Hr19 71 73 86 82 85 62 67 75 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 72 78 77 60 62 70 61 62 70 131 131 137 138 137 138 13962 1154 Hr20 241 23 33 33 33	139 Hi21 63 68 71 68 71 57 56 59 66 127 139 127 674 772 755 1103 Hr21 29 41 24 34 32	Hr22 1 60 63 69 67 79 70 55 56 52 12 140 121 136 752 762 762 752 1024 1024 1 1049 1 Hr22 1 41 24 24 32 22 22	H123 56 61 66 64 75 66 65 53 54 59 125 1114 125 1114 125 1114 125 1114 125 1114 125 1114 125 1114 125 1114 125 125 125 125 125 125 125 125
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Sha Tin	n Dioxid Hr000 50 559 59 59 59 49 47 70 54 12 102 102 102 102 102 102 102 102 102	de H ₁₀ 1 39 46 48 48 44 45 42 42 48 42 48 42 48 42 48 42 48 42 42 48 42 42 48 42 42 48 42 42 42 42 42 42 42 42 42 42 42 42 42	Hr02 34 39 38 44 43 37 37 37 37 37 37 43 43 43 77 65 68 Hr02 620 629 739 71227 651 1059 Hr022 42 47 73 55 63 1059	Hr03 31 35 39 35 41 33 31 33 31 33 31 37 72 666 61 Hr03 462 661 611 598 462 954 Hr03 462 954 Hr03 43 43 43 43 43 43 43 43 43 4	51 Hr04 29 33 38 34 32 30 33 33 36 63 33 36 63 68 86 88 68 85 59 Hr04 462 59 59 Hr04 462 59 59 Hr04 462 59 59 Hr04 462 33 38 86 88 68 83 39 8 33 30 30 30 30 30 30 30 30 30 30 30 30	50 Hr0528 36 40 33 36 33 36 55 55 56 55 60 Hr05542 488 59 59 60 909 909 Hr05542 45 32 38 36 34 33 34 33	87 Hr066 36 49 52 55 57 50 42 42 43 44 41 12 90 0 84 12 90 0 84 84 84 84 84 84 84 84 84 84	132 Hr07 50 62 65 67 60 48 45 1 17 7 2 52 13 128 115 107 Hr07 603 706 766 710 875 Hr07 23 29 18 22 18 8 822	Hr08 57 64 69 69 72 50 47 50 48 47 52 14 141 143 116 637 637 637 637 637 880 847 940 Hr08 21 300 16 16 22 21 889 847 940	Hr09 59 63 71 69 68 71 14 43 44 47 49 14 151 122 Hr09 621 661 662 668 7927 933 1005 Hr09 23 355 20 20 20 20 23 33 55 23 33 6	Hr10 57 60 67 64 40 38 84 40 47 47 15 5 10 140 142 120 Hr10 616 679 651 1018 1001 1002 Hr100 29 42 22 26 6 34 30 46 32 9 46	Hr111 566 599 62 677 555 6334 139 126 139 126 139 126 139 126 139 126 1411 138 704 994 981 Hr111 388 500 322 42 377 6357 57	127 52 57 71 61 68 66 66 62 57 71 12 138 137 137 137 137 137 137 137 137 137 137	136 Hr13 55 59 74 65 59 72 69 35 72 69 34 49 11 144 140 147 140 147 147 635 759 1054 Hr13 570 687 635 759 1054 Hr13 572 687 72 635 939 1054 72 72 72 72 72 72 72 72 72 72 72 72 72	Hr14 58 62 81 71 76 73 37 36 54 54 10 148 148 153 Hr14 552 636 632 636 750 975 893 1086 Hr14 553 62 838 3 1086	Hr155 62 66 85 74 81 17 40 59 11 154 158 158 158 158 158 158 158 158 158 158	Hr16 67 72 8 8 79 87 79 87 8 3 8 3 47 49 556 65 11 1 163 163 163 163 163 163 163 163 103 1103 1	H117 72 75 90 90 85 56 58 88 62 73 12 158 158 164 171 171 96 666 689 928 928 865 1123 1123 1123	Hr18 74 75 99 99 91 61 66 67 77 77 12 161 170 166 675 739 751 180 Hr18 6675 739 751 1180 Hr18 832 24 47 222 21 232 22 21 232 22 24 2	Hr19 71 73 82 94 85 62 67 75 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 72 78 70 60 62 70 71 136 137 Hr20 675 676 778 755 678 778 755 962 1154 Hr20 29 41 23 33 222 33 222 33 222 33 55	139 Hr21 63 68 71 68 71 57 56 59 66 12 137 Hr21 657 765 674 772 755 1103 Hr21 41 24 23 24 33	Hr22 1 60 - 63 - 67 - 70 - 55 - 56 - 121 - 136 - Hr22 1 Hr22 1 1049 1 Hr22 1 Hr22 2 41 - 24 - 32 - 22 - 32 -	Hr23 56 66 66 52 53 54 59 12 125 114 125 114 126 Hr23 611 663 734 611 663 734 734 8019 019 Hr23 30 40 25 32 23 22 32
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Causeway Bay Central Mong Kok Pollutant: Ozone Station Causeway Bay Central Mong Kok	n Dioxid Hr000 50 50 59 59 59 49 47 70 54 12 102 102 102 102 102 102 102 102 102	de H01 39 46 48 44 500 42 41 42 41 42 41 42 41 42 41 42 81 12 83 40 509 657 740 1248 99 45 34 40 35 34 40 35 34 40 35 34 40 36 399 38 39 38 39 38 39 38 39 38 39 38	Hr02 34 39 39 44 43 37 37 37 37 37 43 43 43 43 77 65 68 Hr02 620 629 739 71227 651 1059 Hr022 42 47 73 55 53 73 7 36 63 1059 1059	Hr03 31 35 39 35 41 33 31 33 31 33 31 33 31 33 31 37 37 56 66 61 Hr03 462 954 Hr03 402 954 Hr03 38 38 38 38 37 40 43 43 43 43 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 43 44 44	51 Hr04 29 33 38 34 32 30 33 33 36 68 68 68 68 68 68 68 68 68 68 73 40 59 59 Hr04 462 59 59 Hr04 462 59 59 Hr04 462 33 33 36 63 39 927 7 39 932	50 Hr0528 36 40 33 33 36 55 59 59 60 909 909 909 909 909 909 909 909 909	87 Hr06 36 49 52 55 57 50 42 42 43 44 43 44 44 43 85 57 57 50 642 642 642 584 860 Hr06 34 34 36 54 27 57 57 57 57 57 57 57 57 57 5	132 Hr07 50 62 65 67 60 48 48 51 147 72 52 13 128 117 128 117 107 107 603 706 710 875 Hr07 23 29 18 18 18 107 107 23 29 18 18 22 18 22 20 23 29 18 22 20 23 29 18 22 20 23 29 29 18 22 20 23 29 29 18 22 20 23 29 29 18 22 20 23 29 29 18 22 23 29 29 18 22 22 22 23 23 24 24 25 25 25 25 25 25 25 25 25 25	Hr08 57 64 69 69 72 50 47 50 47 50 48 47 52 14 141 143 116 637 637 637 637 637 880 847 940 Hr08 821 300 16 16 80 847 940 821 300 16 80 822 80 847 80 80 80 94 94 94 94 94 94 94 94 94 94 94 94 94	Hr09 59 63 71 69 68 71 14 43 44 47 49 14 151 122 Hr09 621 668 668 762 7933 1005 Hr09 23 355 20 20 20 20 20 20 23 33 35 23 36 23 32 33 63 23 34 23 23 33 23 34 24 23 23 34 24 24 24 24 24 24 24 24 24 24 24 24 24	Hr10 57 60 67 64 40 38 84 40 47 47 15 5 10 140 142 120 Hr10 6 679 651 1018 1001 1002 Hr100 29 42 22 26 6 34 30 9 29 46 53 34 40 34 9 40 67 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Hr111 566 599 662 677 565 563 38 34 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 139 126 139 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 126 139 139 126 139 136 139 126 139 126 139 126 139 126 139 136 139 126 139 139 126 139 139 126 139 139 126 139 139 126 139 139 126 139 139 126 139 139 126 139 139 139 139 139 139 139 139 139 139	127 52 57 71 61 68 66 66 63 66 32 52 52 77 12 138 137 137 137 137 137 137 137 137 137 137	136 Hr13 55 59 74 65 72 69 35 72 69 34 11 144 140 147 144 140 147 144 140 147 157 0687 685 759 1054 Hr13 52 63 39 9 1054 1054 72 72 63 39 72 72 73 73 73 74 74 74 72 72 72 72 72 72 72 72 72 72 72 72 72	Hr14 58 62 81 71 76 73 37 36 54 54 148 148 153 148 148 153 148 153 148 153 1086 750 755 893 1086 Hr14 53 62 636 635 64 757 74 77 47 77 77 77 77 77 77 77 77 77 77	Hr155 62 66 85 74 81 81 76 41 40 45 91 154 158 155 576 668 748 979 875 1096 44 45 9 444 45 77 78 72 72	Hr16 67 72 89 79 87 83 47 49 56 65 51 11 158 161 163 161 163 161 163 598 660 752 928 833 1103 Hr16 46 56 56 56 56 752 928 833 1103 1103 1103 1103 1103 1103 1103	H117 72 75 90 90 85 94 88 86 56 58 85 158 158 158 158 158 158 158 158 1	Hr18 74 75 99 99 99 1 61 66 67 77 77 12 161 170 166 675 739 751 180 Hr18 6675 739 751 1180 Hr18 832 2447 72 22 24 47 232 232 244 44 43	Hr19 71 73 86 82 94 85 62 75 12 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 772 78 776 59 60 62 73 134 136 675 770 76 60 62 770 131 144 136 676 678 778 778 778 778 778 778 778 778 778 778 778 7962 962 91154 1122 933 222 33 222 33 325 411 36 411	139 Hr21 63 68 71 68 71 57 56 59 66 127 137 Hr21 657 958 1103 Hr21 29 41 24 23 24 33 40 35 26	Hr22 1 60 - 67 - 70 - 55 - 56 - 121 - 122 - 140 - 121 - 136 - Hr22 1 Hr22 1 1049 1 Hr22 1 24 - 32 - 22 - 38 - 34 -	H123 56 61 66 66 66 52 53 54 59 12 125 114 125 112 611 6734 748 613 019 H123 611 653 019 H123 611 653 019 H123 61 653 019 019
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Tap Mun Causeway Bay Central / Western Central / Western Central / Western Eastern Kwai Chung Kwai Chung Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun	n Dioxid Hr00 50 559 599 599 599 599 599 599 49 47 70 102 102 101 100 555 5641 704 704 704 704 108 813 1048 1048 1048 1048 1048 1048 1048 1048	de Hr01 39946 48444 4450 404242 42448 8122 81 83 75 75 75 75 75 75 75 770 1248 81 83 34 75 770 1248 1121 121 121 121 123 83 45 34 35 34 36 35 34 36 35 34 35 34 35 35 36 36 37 37 38 38 38 38 36 35 37 37 37 38 38 38 38 38 37 37 37 37 37 37 37 37 37 37 37 37 37	H102 34 39 42 38 44 43 39 37 34 37 34 37 74 37 74 43 75 68 H102 487 629 929 1227 1059 H1059	Hr03 31 35 39 35 34 33 31 34 33 31 34 37 7 22 65 66 66 61 61 Hr03 462 651 598 739 11100 954 954 Hr03 43 8 8388 338 338 34 37 40 40 40 22 25 25	51 Hr04 29 33 38 34 34 32 30 33 33 36 68 59 59 59 59 59 59 59 50 563 927 Hr04 462 662 1040 563 927 Hr04 43 35 563 927 563 927 563 39 939 32 22 55	50 Hr05 28 40 38 40 33 33 36 55 65 60 60 909 909 Hr05 596 596 909 909 Hr05 596 42 596 42 596 741 949 909 909	87 Hr06 36 49 52 55 57 50 42 42 43 44 43 85 555 57 50 42 2 42 43 85 84 84 84 85 642 755 642 755 642 755 642 755 757 750 854 854 854 854 854 855 855 855	132 Hr07 50 62 65 7 60 48 51 13 128 115 107 107 107 603 706 763 706 763 706 763 706 763 706 763 706 710 875 11 875 22 23 88 18 8 18 8 22 22 23 23 23 23 23 23 23 23 23 23 23	Hr08 57 64 69 69 69 65 47 50 65 47 141 143 116 Hr08 637 677 77 705 637 763 880 940 940 940 940 16 122 21 8847 847 847 847 847 847 847 847 847 84	Hr09 59 63 44 44 77 49 146 151 122 Hr09 621 675 668 766 927 33 50 20 23 35 20 26 20 26 23 33 34 33 43 34 34 32 20	Hr10 57 60 67 64 40 38 49 47 15 50 140 142 120 Hr10 616 651 765 1018 651 1002 Hr10 29 226 34 40 229 46 53 340 0 29 94 66 53 340 0 29 94 66 34 40 1002 1002 1002 1002 1002 1002 1002	H111 56 59 68 62 67 50 46 50 46 133 139 126 H111 587 675 631 763 1042 994 9981 H111 38 850 322 422 42 49 956 64 49 956 64 80	127 Hr12 57 77 71 61 68 66 66 66 63 62 52 52 138 137 137 137 137 137 137 137 137	136 Hr13 55 59 74 65 72 69 35 11 144 140 147 687 759 1011 570 635 759 1054 Hr13 52 633 39 53 39 53 39 53 759 1054 Hr13 52 53 39 53 39 53 39 53 46 70 75 70 75 70 75 70 75 70 75 <tr td=""></tr>	Hr14 58 62 81 71 73 37 54 54 148 148 148 153 Hr14 572 682 750 775 636 750 775 636 750 775 638 31086 Hr14 533 1086	Hr155 62 66 85 74 41 40 41 40 54 559 1154 158 158 158 158 158 158 158 158 158 158	Hr16 67 72 89 79 87 79 87 49 56 55 65 56 558 161 163 158 161 163 158 161 163 158 164 598 660 665 5752 928 333 1103 1 Hr16 566 556 568 665 572 928 333 1103 1 Hr16 566 566 572 928 70 927 70 70 70 70 70 70 70 70 70 70 70 70 70	H117 72 75 94 85 88 56 62 73 12 158 164 171 158 164 171 171 619 666 689 928 1123 1123 1123 1123 1123 1123 1123 11	Hr18 74 75 92 86 67 77 12 161 161 170 166 67 5 77 161 170 166 67 5 739 739 739 739 739 731 1180 Hr18 32 2 21 122 32 47 7 44 434 47	Hr19 71 73 86 82 94 85 62 67 75 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 72 78 77 60 62 70 62 70 61 131 137 136 137 137 137 137 137 137 137 137 137 138 139 131 131 137 137 755 1122 23 33 55 1122 233 35 141 36 27 33 35 131 35	139 H/21 63 68 71 68 71 57 56 59 66 127 139 127 137 H/21 657 674 958 1103 H/21 29 41 24 33 24 33 26 69	Hr22 1 60 69 67 7 70 55 56 56 12 12 121 136 Hr22 1 663 752 1024 1 1024 1 1024 1 29 11 24 32 22 22 32 38 34 26 65	H23 56 61 66 66 64 75 66 52 53 54 59 12 125 114 125 1125 1125 1125 1125 1125
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Kwai Chung Kwan Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tisuen Wan	n Dioxid Hr00 50 55 59 59 49 47 70 55 54 102 102 102 102 102 102 102 102 102 102	de H01 39 46 48 44 50 42 48 44 50 75 509 657 756 1121 Hr01 39 657 740 1248 1121 Hr01 39 46 1121 39 46 334 34 36 39 38 29 57	H102 34 34 39 37 38 44 43 39 37 43 37 43 37 43 37 43 47 45 68 H102 487 620 629 1227 661 1059 1227 661 1055 43 37 37 43 48 487 487 487 487 487 487 487	Hr03 31 35 39 35 33 31 41 33 31 43 33 31 43 33 44 65 66 61 61 1598 954 462 611 598 954 462 611 110 602 954 43 343 43 38 337 70 952 110 952 110 952 110 952 110 95 95 95 95 95 95 95 95 95 95 95 95 95	51 Hr04 29 33 38 38 34 32 30 33 36 59 462 12 63 33 68 59 59 Hr04 462 734 1040 563 927 84 85 927 Hr04 462 15 86 83 927 1040 563 39 227 1040 1040 563 39 1040 1040 563 39 1040 1040 1040 1040 1040 1040 1040 104	50 Hr05 288 36 34 33 36 53 40 33 36 59 59 60 909 909 Hr05 596 60 909 909 909 Hr05 596 628 596 596 596 596 596 596 596 596 33 8 36 34 33 33 36 595 595 596 596 596 596 597 596 596 597 596 596 597 597 597 597 597 597 597 597 597 597	87 Hr066 36 36 49 52 55 57 50 42 42 43 44 44 41 12 12 43 44 44 44 41 12 43 44 90 0 42 42 43 48 84 84 85 84 84 84 84 85 85 84 84 85 84 84 85 84 84 85 84 85 84 84 84 85 84 84 84 85 84 84 84 84 84 85 84 84 84 84 84 85 84 84 84 84 84 84 84 84 84 84	132 Hr07 50 62 62 65 76 00 48 51 15 107 Hr07 603 706 663 703 706 663 703 706 763 706 710 875 786 710 875 8 8 8 8 8 8 22 8 8 8 8 22 8 8 8 8 22 9 8	Hr08 57 64 69 69 69 72 50 47 47 50 48 52 44 141 143 116 43 637 677 705 677 705 677 705 880 847 940 940 940 16 22 18 821 82 8 83 33 328 828 823 854 8	Hr09 59 63 69 68 43 44 47 7 49 146 151 122 Hr09 621 675 668 60 927 933 1005 Hr09 23 35 6 622 33 36 33 36 33 4 4 32 0 0 26 23 33 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Hr10 57 60 67 64 40 38 49 47 140 142 120 Hr10 616 679 651 1018 1001 1002 29 42 26 23 4 34 30 765 34 34 30 68 10 10 10 10 29 42 26 26 34 34 30 10 29 46 34 34 30 10 10 10 10 10 10 10 10 10 10 10 10 10	H111 566 599 622 677 655 388 622 62 631 139 126 139 1042 1042 1042 105 1042 105 1042 105 1042 105 1042 105 1042 105 1042 105 1042 105 1042 105 1042 105 105 1042 105 105 105 105 105 105 105 105	127 127 52 57 71 61 68 66 32 52 52 52 52 52 52 52 52 52 52 52 61 757 137 137 137 137 137 137 137 137 137 137 137 137 137 137 137 662 977 Hr12 48 58 66 43 66 73 68 68 68 68 68 <tr td=""></tr>	136 Hr13 55 59 74 65 72 69 35 34 53 49 11 140 147 687 635 759 1054 Hr13 52 63 53 46 72 78 95 39 53 46 72 78 70 75 97 15	Hr14 58 62 81 71 73 37 36 4 54 54 148 148 148 148 148 148 153 750 975 682 636 975 683 1086 975 893 1086 51 477 774 777 761 101 55	Hr155 62 66 85 74 81 76 41 40 44 59 91 154 158 158 158 158 158 154 158 158 159 119 6 6 6 668 646 6 979 979 975 1096 6 1096 72 6 11 979 77 1027 71 1027 71 71 76 76 74 76 76 74 76 76 74 76 76 76 76 76 76 76 76 76 76 76 76 76	Hr16 67 72 8 8 79 79 87 79 87 79 8 7 9 8 3 47 49 49 56 665 51 11 358 161 163 158 161 163 158 163 163 1103 1103 1103 1103 1103 1103 1	Hr17 72 75 90 85 88 56 62 73 73 12 158 164 171 171 619 666 689 928 865 1123 928 865 1123 928 865 30 0 753 928 865 1123 1153 1123 1153 1123 1123 1123 112	Hr18 74 75 92 86 99 91 61 67 77 77 12 161 170 166 67 73 9 71 170 166 675 739 932 1180 Hr18 32 247 751 978 932 232 24 44 34 44 33	Hr19 71 73 86 82 94 85 62 67 75 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 76 59 60 62 70 136 137 Hr20 675 700 133 136 775 962 1154 Hr20 29 41 23 33 35 41 36 27 73 12 73 32	139 Hr21 63 68 71 68 71 56 56 56 12 139 Hr21 657 755 674 755 1103 Hr21 958 1103 Hr21 29 41 24 34 22 33 40 35 266 69 12	Hr22 1 60 - 67 - 67 - 70 - 55 - 56 - 121 - 136 - 140 - 121 - 136 - 647 - 663 - 1049 1 1049 1 129 - 41 - 22 - 32 - 32 - 32 - 32 - 33 - 24 - 32 - 33 - 24 - 34 - 66 - 65 -	H23 56 66 66 52 53 53 54 59 12 114 125 114 125 114 125 114 125 114 125 114 125 114 125 114 125 125 122 232 22 232 36 34 25 61 11
Pollutant: Nitrogei Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Com Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Causeway Bay Central Causeway Bay Central Causeway Bay Central Causeway Bay	n Dioxi Hr00 50 559 599 66 59 49 47 50 554 12 102 102 102 102 102 102 102 102 102	de Hr01 399 46 500 42 48 44 44 45 42 42 48 83 7 42 48 83 7 42 48 83 7 40 124 83 121 509 629 629 629 629 1248 1121 121 121 121 121 124 125 125 124 125 124 125 124 125 124 125 125 124 125 125 124 125 125 124 125 125 124 125 125 125 125 125 125 125 125 125 125	H02 34 39 37 37 34 38 44 43 37 37 37 37 43 37 74 37 43 37 74 43 487 620 739 739 727 40 487 651 1059 1227 42 42 487 739 739 739 739 74 242 74 242 74 242 74 242 74 242 74 242 74 242 74 242 74 242 74 242 74 74 74 74 74 74 74 74 74 74 74 74 74	Hr03 31 35 41 33 33 33 31 34 33 31 34 33 43 43 43 43 43 43 43 43 43 43 43	51 Hr04 29 33 38 34 32 30 33 36 68 33 36 68 37 59 Hr04 462 59 Hr04 462 586 734 04 05 59 Hr04 462 15 59 Hr04 462 15 59 59 59 59 59 59 59 59 59 5	50 Hr0528 36 40 33 33 36 55 595 741 909 909 596 628 595 741 909 909 909 909 909 909 909 909 909 90	87 Hr066 366 49 52 557 500 422 42 43 44 44 43 44 44 43 84 84 84 84 84 84 84 84 84 84	132 Hr07 50 62 65 76 60 48 51 147 72 52 65 71 13 128 51 147 72 52 72 60 76 60 710 76 60 766 766 710 875 786 710 875 829 829 88 829 822 18 818 829 829 829 829 829 829 829 829 829 82	Hr08 57 64 69 69 65 65 47 50 52 47 50 52 44 7 55 24 48 48 48 47 705 763 705 763 880 677 705 763 880 647 940 Hr08 847 940 847 940 847 940 847 848 847 99 847 848 847 847 848 847 848 847 848 847 848 847 848 848	Hr09 59 63 44 44 47 49 44 146 151 122 675 668 766 668 766 927 933 1005 Hr09 23 35 20 0 23 35 20 23 36 43 34 43 34 9 9 9	Hr10 57 60 67 64 49 49 47 140 142 120 616 616 679 8 1018 1001 1002 Hr10 29 29 26 651 705 51018 1002 Hr10 29 29 46 53 30 29 9 46 63 53 30 63 53 40 11 11	H111 56 59 67 65 38 34 50 46 53 33 136 139 126 61 339 126 631 763 1042 904 981 H111 38 60 32 2 4 37 7 36 65 631 763 1042 904 904 904 904 904 904 904 904 904 904	127 52 57 71 61 68 66 66 36 32 52 52 47 71 137 137 137 137 137 137 137 137 137	136 Hr13 55 59 74 65 72 69 35 34 53 34 11 144 140 147 147 147 687 687 687 687 687 687 687 687 687 635 39 1054 147 155 83 39 70 1054 172 183 1054 172 183 1054 172 183 1054 172 183 1054 172 183 1054 172 183 1054 172 183 193 1054 193 1054 193 1054 193 1054 193 1054 193 1054 193 1054 193 1054 193 1054 193 1054 193 1054 193 1054 193 1054 193 1054 193 1055 193 1055 193 1055 193 1055 193 1055 193 1055 193 1055 193 1055 193 1055 193 1055 193 1055 1057 1055 1057 1055 1057 1057 1057	Hr14 58 62 81 71 73 37 54 54 10 148 148 148 153 62 636 750 975 636 750 975 70 893 1086 Hr14 53 62 38 83 1086 Hr14 74 77 77 76 101 15 54	Hr155 62 66 85 74 41 40 40 54 55 91 11 55 576 608 74 875 1096 Hr155 522 61 36 646 748 979 979 444 45 1096 Hr155 77 77 77 78 37 72 102 17 71 77 78 76 76 76 76 76 76 76 76 76 76 76 76 76	Hr16 67 72 89 79 87 83 47 49 56 55 665 752 928 833 1103 Hr16 665 752 928 833 1103 Hr16 665 752 928 833 1103 Hr16 665 56 752 928 833 1103 Hr16 665 56 752 928 928 11 15 8 11 16 11 10 11 11	Hr17 72 75 94 85 56 58 88 56 52 73 73 12 158 164 171 171 619 666 753 928 865 1123 Hr17 38 865 50 27 30 31 123 50 27 55 59 58 54 46 30 94 41 33	Hr18 74 75 99 99 161 667 677 777 12 161 170 166 675 773 751 978 978 978 1180 Hr18 32 247 722 21 123 2 32 21 232 242 47 73 34 87 73 12 21	Hr19 71 73 86 82 85 62 75 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 72 78 776 59 60 62 73 144 136 675 678 778 778 778 778 778 778 778 778 7962 962 91154 Hr20 411 23 33 22 23 35 411 36 77 73 122 13 13 13 13 13 141 36 77 73 122 13 13 141 </td <td>139 Hr21 63 68 71 68 71 57 56 59 66 127 137 Hr21 657 674 772 755 674 958 1103 Hr21 29 41 24 23 24 33 40 35 26 69 12 13</td> <td>Hr22 1 60 69 67 9 79 70 55 56 12 12 140 121 136 752 762 752 1024 1 Hr22 1 Hr22 1 Hr22 1 1049 1 Hr22 1 29 1 21 22 22 22 38 34 32 32 38 34 11 1</td> <td>H23 56 61 66 66 64 75 66 52 53 54 59 12 125 114 125 112 125 114 125 114 125 61 66 63 54 59 12 125 114 125 61 125 114 66 63 9 9 019 12 23 23 23 22 36 34 12 15 15 15 15 15 15 12 12 12 12 12 12 12 12 12 12 12 12 12</td>	139 Hr21 63 68 71 68 71 57 56 59 66 127 137 Hr21 657 674 772 755 674 958 1103 Hr21 29 41 24 23 24 33 40 35 26 69 12 13	Hr22 1 60 69 67 9 79 70 55 56 12 12 140 121 136 752 762 752 1024 1 Hr22 1 Hr22 1 Hr22 1 1049 1 Hr22 1 29 1 21 22 22 22 38 34 32 32 38 34 11 1	H23 56 61 66 66 64 75 66 52 53 54 59 12 125 114 125 112 125 114 125 114 125 61 66 63 54 59 12 125 114 125 61 125 114 66 63 9 9 019 12 23 23 23 22 36 34 12 15 15 15 15 15 15 12 12 12 12 12 12 12 12 12 12 12 12 12
Pollutant: Nitroge Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay	n Dioxid Hr00 50 55 59 59 49 47 70 55 54 102 102 102 102 102 102 102 102 102 102	de H01 39 46 48 44 50 42 48 44 50 75 509 657 756 1121 Hr01 39 657 740 1248 1121 Hr01 39 46 1121 39 46 334 34 36 39 38 29 57	H102 34 34 39 37 38 44 43 39 37 43 37 43 37 43 37 43 47 45 68 H102 487 620 629 1227 661 1059 1227 661 1055 43 43 43 487 487 487 487 487 487 487 487	Hr03 31 35 39 35 33 31 41 33 31 43 33 31 43 33 44 65 66 61 61 1598 954 462 611 598 954 462 611 110 602 954 43 343 43 38 337 70 952 110 952 110 952 110 952 110 95 95 95 95 95 95 95 95 95 95 95 95 95	51 Hr04 29 33 38 38 34 32 30 33 36 59 462 12 63 33 668 59 59 Hr04 462 734 1040 563 927 84 85 927 Hr04 462 15 86 83 927 1040 563 39 227 1040 1040 563 39 1040 1040 563 39 1040 1040 1040 1040 1040 1040 1040 104	50 Hr05 288 36 34 33 36 53 40 33 36 59 59 60 909 909 Hr05 59 60 909 909 909 Hr05 59 60 828 59 59 60 909 909 Hr05 59 60 33 4 33 33 65 59 60 909 909 909 909 909	87 Hr066 36 36 49 52 55 57 50 42 42 43 44 44 41 12 12 43 44 44 44 41 12 43 44 90 0 42 42 43 48 84 84 85 84 84 84 85 84 84 84 85 85 84 84 84 85 84 85 84 85 84 84 85 84 84 84 85 84 84 84 85 84 84 84 84 85 84 84 84 85 84 84 84 84 84 84 84 84 84 84	132 Hr07 50 62 62 65 76 00 48 51 15 107 107 603 706 663 703 706 663 703 706 763 706 710 875 786 710 875 8 8 8 8 8 8 22 18 8 8 22 8 8 8 8 22 9 8 8 8 8 22 9 8 8 8 8	Hr08 57 64 69 69 69 72 50 47 47 50 48 52 44 141 143 116 43 637 677 705 677 705 677 705 880 847 940 940 940 941 942 1 882 18 80 847 942 880 847 847 847 847 847 847 847 847 847 847	Hr09 59 63 69 68 43 44 47 7 49 146 151 122 Hr09 621 675 668 60 927 933 1005 Hr09 23 35 6 622 33 36 43 34 43 20 26 23 33 60 9 9 7 7 1 621 9 7 7 1 621 621 621 621 621 621 621 621 621 6	Hr10 57 60 67 64 40 38 49 47 140 142 120 Hr10 616 679 651 1018 1001 1002 9 651 1018 1001 1002 29 42 26 23 4 34 30 0 29 46 34 30 40 40 38 88 60 10 10 10 10 10 10 10 10 10 10 10 10 10	H111 566 599 622 677 655 388 622 62 631 139 126 139 1042 1042 1042 105 1042 105 1042 105 1042 105 1042 105 1042 105 1042 105 1042 105 1042 105 1042 105 105 1042 105 105 105 105 105 105 105 105	127 127 52 57 71 61 68 66 32 52 52 52 52 52 52 52 52 52 52 52 61 757 137 137 137 137 137 137 137 137 137 137 137 137 137 137 137 662 977 Hr12 48 58 668 990 14	136 Hr13 55 59 74 65 72 69 35 34 53 49 11 140 147 687 635 759 1054 Hr13 52 63 53 46 72 78 95 39 53 46 72 78 70 75 97 15	Hr14 58 62 81 71 73 37 36 4 54 54 148 148 148 148 148 148 153 750 975 682 636 975 893 1086 975 893 1086 51 477 774 777 761 101 55	Hr155 62 66 85 74 81 76 41 40 44 59 91 154 158 158 158 158 158 154 158 158 159 119 6 6 6 668 646 6 979 979 975 1096 6 1096 72 6 11 979 77 1027 71 1027 71 71 76 76 74 76 76 74 76 76 74 76 76 76 76 76 76 76 76 76 76 76 76 76	Hr16 67 72 8 8 79 79 79 87 79 87 79 8 79 79 79 8 79 8 79 8 79 8 79 8 79 8 79 79 8 79 79 8 79 79 8 79 79 8 79 79 8 79 79 8 70 8 70	Hr17 72 75 90 85 85 85 62 73 73 12 158 164 171 171 619 666 689 928 865 1123 928 865 1123 928 865 30 0 753 928 865 1123 1153 1123 1153 1123 1123 1123 112	Hr18 74 75 92 86 99 91 61 67 77 77 12 161 170 166 67 73 9 71 170 166 675 739 932 1180 Hr18 32 247 751 978 932 232 24 44 34 44 33	Hr19 71 73 86 82 94 85 62 67 75 155 155 155 155 155 155 155 155 155	137 Hr20 68 72 78 76 59 60 62 70 136 137 Hr20 675 700 133 136 775 962 1154 Hr20 29 41 23 33 35 41 36 27 73 12 73 32	139 Hr21 63 68 71 68 71 56 56 56 12 139 H/21 657 755 674 772 755 1103 H/21 958 1103 H/21 29 41 24 34 22 33 40 35 266 69 12	Hr22 1 60 - 67 - 67 - 70 - 55 - 56 - 121 - 136 - 140 - 121 - 136 - 647 - 663 - 1049 1 1049 1 129 - 41 - 22 - 32 - 32 - 32 - 32 - 33 - 24 - 32 - 33 - 24 - 34 - 66 - 65 -	H23 56 66 66 52 53 53 54 59 12 114 125 114 125 114 125 114 125 114 125 114 125 114 125 114 125 125 122 232 22 232 36 34 25 61 11

Note: All concentration units are in microgram per cubic metre.

TABLE C8: 2011 DIURNAL VARIATIONS OF PARTICULATE POLLUTANTS

Pollutant: Respi	rable S	uspen	ded Pa	rticulat	les (Co	ntinuo	us Mon	itoring)															
Station	Hr00	Hr01	Hr02	Hr03	Hr04	Hr05	Hr06	Hr07	Hr08	Hr09	Hr10	Hr11	Hr12	Hr13	Hr14	Hr15	Hr16	Hr17	Hr18	Hr19	Hr20	Hr21	Hr22	Hr23
Central / Western	45	44	44	43	43	44	44	47	51	53	54	54	51	52	55	56	57	57	55	54	53	52	49	47
Eastern	40	39	39	39	39	40	41	42	44	44	45	46	45	45	47	47	47	47	47	47	46	44	42	41
Kwai Chung	45	43	42	42	41	42	42	44	47	49	49	49	50	51	53	54	55	55	55	54	52	50	48	46
Kwun Tong	44	42	42	41	42	43	44	47	50	52	52	52	51	54	55	55	56	56	55	54	51	49	46	45
Sham Shui Po	46	44	43	43	44	44	46	50	51	51	51	51	51	53	55	55	56	58	57	57	56	53	50	47
Tsuen Wan	44	42	42	41	41	42	44	46	50	51	51	51	51	54	56	58	60	60	59	58	55	51	48	46
Sha Tin	44	43	42	42	42	43	44	46	46	46	47	47	47	47	47	49	50	52	52	51	50	48	46	45
Tai Po	43	41	41	41	41	42	43	46	46	47	47	47	46	46	47	48	49	50	50	50	49	46	45	44
Tung Chung	43	42	42	41	41	41	42	42	43	46	47	48	51	54	56	56	56	54	52	50	48	47	45	44
Yuen Long	49	47	46	46	46	47	49	52	54	55	55	56	57	58	59	61	62	62	62	60	59	56	53	51
Tap Mun	43	43	43	44	44	45	47	47	47	48	48	50	49	50	50	51	51	51	49	48	46	45	44	44
Causeway Bay	57	49	47	46	46	48	54	61	65	70	67	68	69	74	75	76	78	80	83	84	80	73	68	64
Central	53	52	50	50	50	52	56	61	69	70	66	64	60	62	66	68	69	71	69	69	67	65	60	56
Mong Kok	47	44	43	42	43	45	48	52	56	57	58	57	55	60	62	63	65	66	66	69	66	60	55	51

Pollutant: Fine Suspended Particulates (PM2.5) (Continuous Monitoring)

Station	Hr00	Hr01	Hr02	Hr03	Hr04	Hr05	Hr06	Hr07	Hr08	Hr09	Hr10	Hr11	Hr12	Hr13	Hr14	Hr15	Hr16	Hr17	Hr18	Hr19	Hr20	Hr21	Hr22	Hr23
Central / Western												-							-					-
Eastem [^]	27	27	27	27	27	28	29	30	31	31	31	31	31	31	32	32	32	32	32	33	32	31	29	28
Kwai Chung																								
Kwun Tong																								
Sham Shui Po																			-					
Tsuen Wan [^]	31	30	29	29	30	30	32	36	39	38	37	36	35	36	39	39	38	37	37	39	39	37	34	32
Sha Tin																			-					-
Tai Po																			1					
Tung Chung [^]	30	29	29	29	29	29	30	30	31	32	32	32	34	36	37	39	38	37	36	35	34	33	32	31
Yuen Long [^]	34	33	32	32	33	33	34	35	35	34	34	34	35	37	39	40	41	42	42	41	41	39	37	35
Tap Mun^	28	28	28	29	30	31	32	34	35	36	35	34	33	32	33	34	33	32	30	30	30	29	28	28
Causeway Bay																			1					
Central [^]	33	32	31	31	32	34	36	39	44	43	39	38	36	37	40	42	44	45	45	46	45	42	38	35
Mong Kok [^]	31	30	29	29	30	32	34	36	37	36	33	32	34	38	40	43	44	46	47	49	46	42	37	34

Only the 7 stations marked with ^ have full year PM2.5 data.

Note: All concentration units are in microgram per cubic metre.

TABLE C9: 2011 TOTAL WET AND DRY DEPOSITION

(a) WET DEPOSITION

	Monitoring Station	Central / Western	Kwun Tong	Yuen Long
	WET DEPOSITION (TON/HA)	2971	16366	14870
	WEIGHTED MEAN pH (based on volume-weighted mean hydrogen ion concentrations ([H ⁺])	4.64	4.64	4.51
	WEIGHTED MEAN pH (based on volume-weighted mean pH)	5.13	5.08	4.82
	NO. OF SAMPLES	28	87	83
	NH4 ⁺	1.20	6.02	6.21
	NO ₃ ⁻	3.67	20.52	20.91
	SO ₄ ⁼	5.38	23.60	24.23
Filtrate	CI	7.97	20.62	11.64
(Kg/Ha)	F-	0.08	0.42	0.39
	Na⁺	4.40	11.62	7.05
	K⁺	0.77	4.10	3.69
	Formate	0.63	3.52	3.24
	Acetate	0.58	2.96	2.73
	Ca ⁺⁺	1.05	3.82	2.56
	Mg ⁺⁺	0.55	1.50	0.93

* Note: The weighted mean pH is calculated from the pH values measured by the Government Laboratory.

(b) DRY DEPOSITION

	Monitoring Station	Central / Western	Kwun Tong	Yuen Long
	NO. OF SAMPLES	13	26	26
	NH₄ ⁺	0.25	0.46	0.39
	NO ₃ ⁻	5.70	13.49	10.00
	SO4	5.42	8.12	6.34
Filtrate	CL	6.95	9.12	3.71
(Kg/Ha)	F-	0.070	0.137	0.164
	Na⁺	3.90	5.73	2.32
	K⁺	0.39	0.60	0.58
	Formate	0.15	0.16	0.18
	Acetate	0.13	0.16	0.16
	Ca ⁺⁺	4.47	7.38	6.45
	Mg ⁺⁺	0.53	0.85	0.49

Torris Ain Dollartonta	Concentration Linit	Annual Av	verages ^[1]
Toxic Air Pollutants	Concentration Unit	Tsuen Wan	Central/Western
Heavy Metals			
Hexavalent chromium	ng/m ³	0.10	0.10
Lead ^[2]	ng/m ³	47	49
Organic Substances			
Benzene	µg/m ³	1.62	1.53
Benzo[a]pyrene	ng/m ³	0.22	0.22
1,3-Butadiene	µg/m ³	0.13	0.13
Formaldehyde ^[4]	µg/m ³	-	3.61
Perchloroethylene	µg/m ³	0.47	0.51
Dioxins ^[3]	pgI-TEQ/m ³	0.069	0.049

TABLE C10: 2011 AMBIENT LEVELS OF TOXIC AIR POLLUTANTS

Notes:

[1] For TAP concentrations that are lower than the method detection limit (MDL), one half of the MDL is used in calculating the annual averages.

[2] For lead the reported figures are the respective 2011 annual average concentrations in the elemental analysis of total suspended particulates.

[3] The ambient level of dioxins is expressed here as toxic equivalent (I-TEQ) concentration of 2,3,7,8-Tetrachlorodibenzodioxin (TCDD) based on the International Toxic Equivalent Factors (I-TEF) of the North Atlantic Treaty Organisation (NATO/CCMS).

[4] The measurement of formaldehyde was affected by influence from renovation works at Princess Alexandra Community Centre as well as nearby buildings of Tsuen Wan Station. Hence, only formaldehyde concentration at the Central/Western station is reported in 2011.

Appendix D

Monitoring Results of Sulphur Dioxide and Nitrogen Dioxide by HEC and CLP

- The Hongkong Electric Co. Ltd. Air Quality Monitoring Station
- CLP Power Hong Kong Ltd. Air Quality Monitoring Station

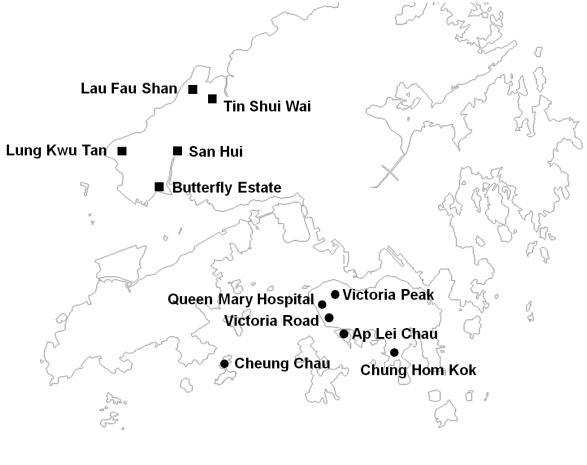


Figure D Location of HEC's & CLP's Air Quality Monitoring Stations for Sulphur Dioxide and Nitrogen Dioxide

Air Quality Monitoring Stations	Annual Mean Concentration ^[1]	Range of Monthly Mean Concentration ^[1]					
Sulphur Dioxide (SO ₂) ^[2]							
Victoria Peak	8	4	-	15			
Chung Hom Kok	7	0		16			
Victoria Road	10	2	-	21			
Queen Mary Hospital	10	5	-	16			
Ap Lei Chau	12	7	-	17			
Cheung Chau ^[4]	[5]	0	-	16			
Nitrogen Dioxide (NO ₂) ^[2]							
Victoria Peak	35	17	-	58			
Chung Hom Kok	20	16		30			
Victoria Road	38	13	-	60			
Queen Mary Hospital	30	5	-	53			
Ap Lei Chau	28	11	-	49			
Cheung Chau ^[4]	[5]	3	-	42			

D.1 The Hongkong Electric Co. Ltd. (HEC)

D.2 CLP Power Hong Kong Ltd. (CLP)

Air Quality Monitoring Station	Annual Mean Concentration ^[1]	Range of Monthly Mean Concentration ^[1]					
Sulphur Dioxide (SO ₂) ^[2]							
San Hui	17	6	-	30			
Tin Shui Wai	7	2	-	13			
Butterfly Estate	6	2	-	16			
Lung Kwu Tan	12	5	-	19			
Lau Fau Shan	11	6	-	18			
Nitrogen Dioxide (NO ₂)							
San Hui ^[3]	72	47	-	87			
Tin Shui Wai	39	22	-	57			
Butterfly Estate	41	24	-	61			
Lung Kwu Tan	30	15	-	49			
Lau Fau Shan	36	24	-	48			

Notes:

[1] All pollutant units are in micrograms per cubic metre.

[2] There was no exceedance of AQO limit for the pollutants in 2011.

[3] Both 1-hr and 24-hr AQO limits for NO₂ have been exceeded for one time at San Hui

[4] Cheung Chau Station resumed operation from June 2011 due to relocation in 2010.

[5] There was no sufficient data for calculation of a representative annual average.