IR QUALITY IN HONG KONG 2009

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) (2009)

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Summary

This report summarises the 2009 air quality monitoring data collected by the Environmental Protection Department's monitoring network.

As a result of the enhanced vehicle emission control programme implemented by the Government since 2000, concentrations of respirable suspended particulates, nitrogen oxides and sulphur dioxide at roadside have reduced over the past decade.

Concentrations of ozone, a major constituent of photochemical smog, have been on a slow rising trend over the past years. The Hong Kong Special Administrative Region Government and the Guangdong Provisional Government are implementing a Regional Air Quality Management Plan to alleviate photochemical smog and ozone problem in the Pearl River Delta Region.

As in previous years, concentrations of sulphur dioxide, carbon monoxide and lead remained at levels well below their respective Air Quality Objectives limits in 2009.

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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.

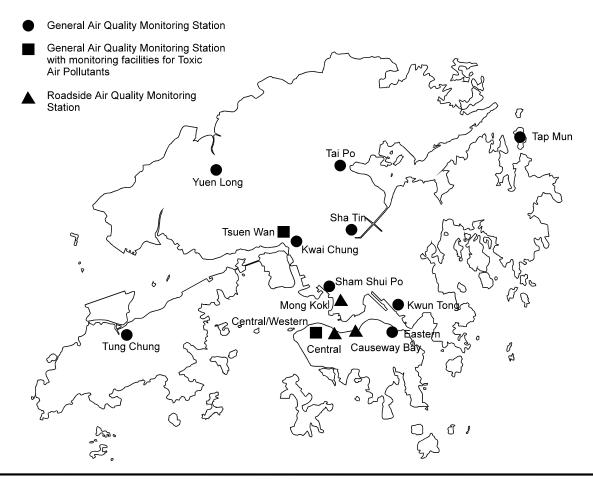


Figure 1: Location of EPD's Air Quality Monitoring Stations (2009)

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 2009 are at Appendix D.

2. Gaseous Pollutants

2.1 Sulphur Dioxide (SO₂)

Sulphur dioxide (SO_2) is formed primarily from the combustion of sulphur-containing fossil fuels. In Hong Kong, power stations are the major sources of SO₂, followed by marine vessels, fuel combustion 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.

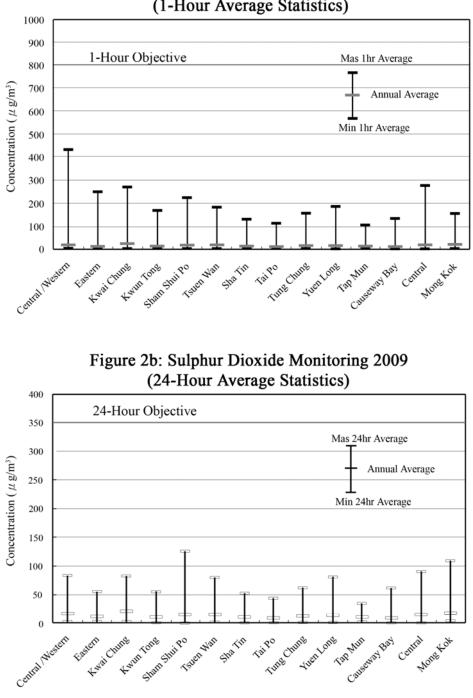


Figure 2a: Sulphur Dioxide Monitoring 2009 (1-Hour Average Statistics)

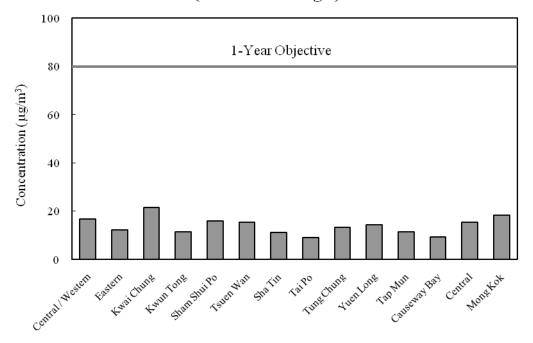


Figure 2c: Sulphur Dioxide Monitoring 2009 (Annual Average)

Sulphur dioxide was continuously measured at all the 14 monitoring stations during 2009. As in previous years, SO₂ concentrations remained low throughout the territory in 2009. All of the 14 monitoring stations complied with the relevant short and long term Hong Kong Air Quality Objectives¹ (AQOs) for SO₂. The highest 1-hour average (433 μ g/m³) was recorded at the Central/Western station. The Sham Shui Po station had the highest 24-hour average (125 μ g/m³) in the year. 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 the highest annual average were well below their respective AQO limits.

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

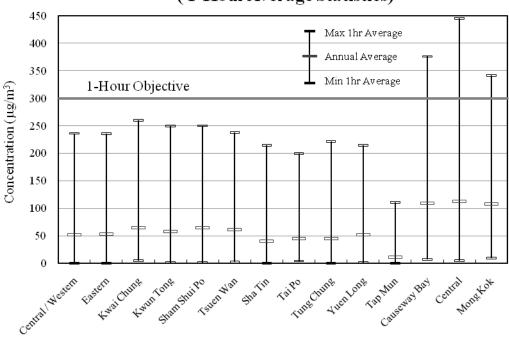
The various chemical species of the oxides of nitrogen are collectively termed as nitrogen oxides. From an air pollution standpoint, the most important nitrogen oxides in the atmosphere are nitric oxide (NO) and nitrogen dioxide (NO₂). These two gases, which are often mentioned jointly in the air pollution literature as NO_x , usually enter the atmosphere as a result of combustion processes. Emissions from power stations and motor vehicles are the two major sources of NO_x in Hong Kong. NO_x emissions from motor vehicles have great impact on roadside air quality.

Nitrogen dioxide (NO₂) is mainly formed from 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 2009. In 2009, the highest 1-hour average (445 μ g/m³) and the highest 24-hour average (241 μ g/m³) were both recorded at the Central roadside station. All the general stations complied with both 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) and the 24-hour AQO for NO₂ (i.e., no general station recorded more than one count of exceedance with the 24-hour AQO limit in the year). However, both the 1-hour and 24-hour AQO for NO₂ were violated at all the three roadside stations.

¹ The Hong Kong Air Quality Objectives can be found in Appendix A.

As in previous years, all general stations complied with the annual AQO for NO₂ in 2009 while non-compliance was observed at the three roadside stations. The highest annual average (112 μ g/m³) was recorded at the Central roadside station in the year.



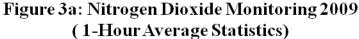
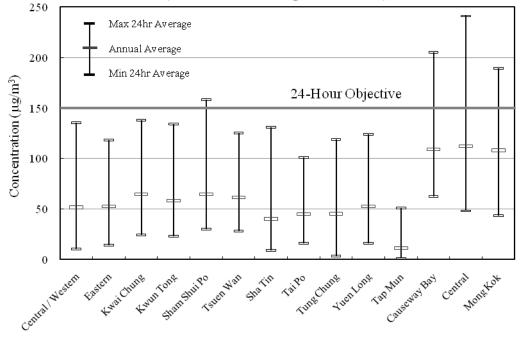


Figure 3b: Nitrogen Dioxide Monitoring 2009 (24-Hour Average Statistics)



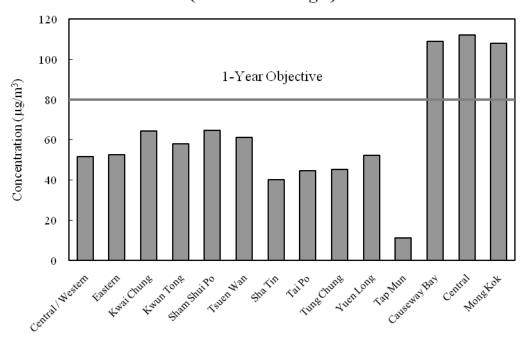


Figure 3c: Nitrogen Dioxide Monitoring 2009 (Annual Average)

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 other 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, O3 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.

Among the 11 general stations with ozone measurement, six of them violated the 1-hour AQO in 2009 (i.e., with the 1-hour AQO limit exceeded more than three times in the year). The highest 1-hour average ($325 \ \mu g/m^3$) was recorded at the Tung Chung station.

In Hong Kong, elevated ozone incidents are mostly associated with very hot, fine and calm weather conditions in the region which favour the photochemical formation 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.

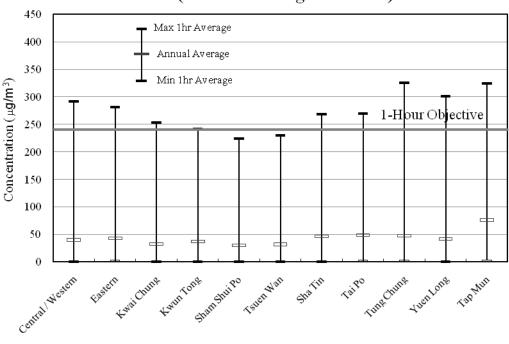


Figure 4a: Ozone Monitoring 2009 (1-Hour Average Statistics)

2.4 Carbon Monoxide (CO)

Carbon monoxide (CO) comes mainly from vehicular emissions although a small amount of which may also come from incomplete combustion of fuels from 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 2009. 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 2009, the highest 1-hour average ($5520 \mu g/m^3$) and the highest 8-hour average ($3438 \mu g/m^3$) were both recorded at the Causeway Bay station; these values were around one fifth and one third of the respective AQO limits.

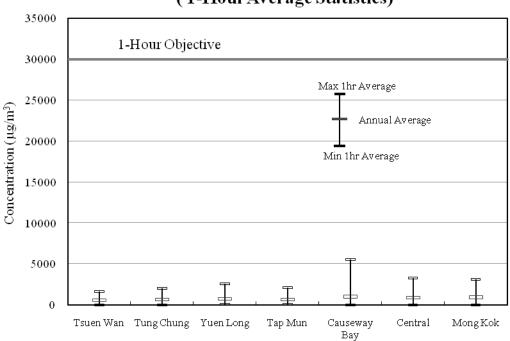
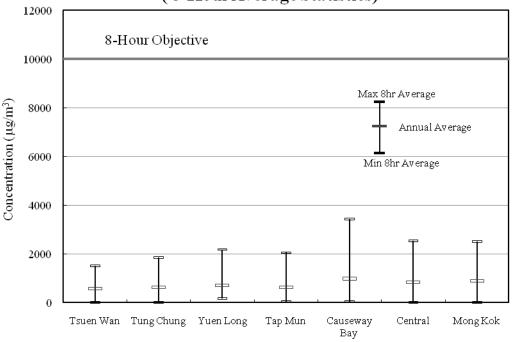


Figure 5a: Carbon Monoxide Monitoring 2009 (1-Hour Average Statistics)

Figure 5b: Carbon Monoxide Monitoring 2009 (8-Hour Average Statistics)



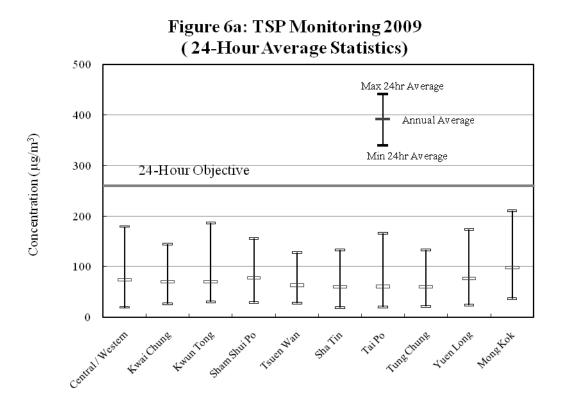
3. Suspended Particulates

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 broadly divided into two major types. Suspended particulates with a nominal aerodynamic diameter of 10 micrometres or less are called respirable suspended particulates (RSP), or PM10 for short, and are usually of much greater health concern (see Section 3.2 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 2009.

All stations complied with the 24-hour AQO (260 μ g/m³) for TSP in 2009. Both the highest 24-hour average (210 μ g/m³) and annual average (98 μ g/m³) were recorded at the Mong Kok roadside station in the year. Mongkok roadside station was the only station which violated the annual AQO for TSP (80 μ g/m³) in 2009, all other stations complied with the corresponding AQO.



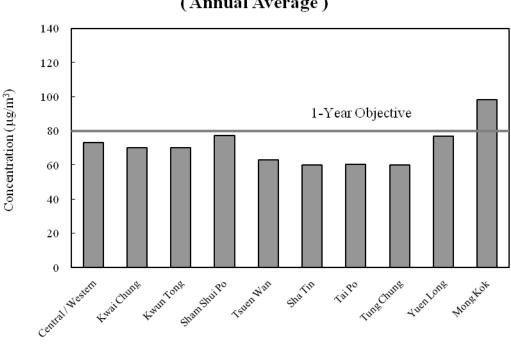


Figure 6b: TSP Monitoring 2009 (Annual Average)

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 SO₂. The smaller particulates in RSP have a major impact on visibility.

RSP was continuously measured at all 14 monitoring stations during 2009. Most of these stations were also equipped with high-volume sampler to collect particulate samples for chemical analysis.

In 2009, all stations complied with the 24-hour AQO of RSP (i.e., no stations recorded more than one count of exceedance with the 24-hour AQO limit in the year). The annual AQO limit of RSP (55 μ g/m³) was exceeded at two roadside stations (Causeway Bay and Central) in the year. The highest 24-hour average (212 μ g/m³) and the highest annual average (71 μ g/m³) were both recorded at the Causeway Bay roadside station.

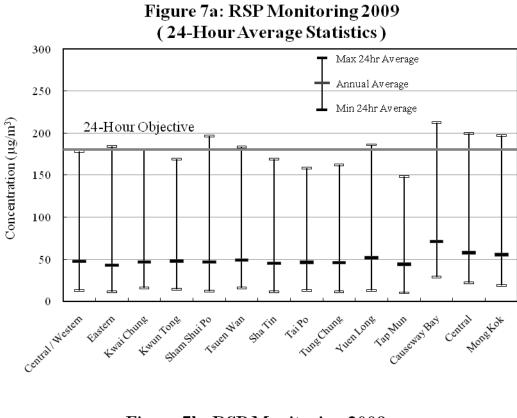
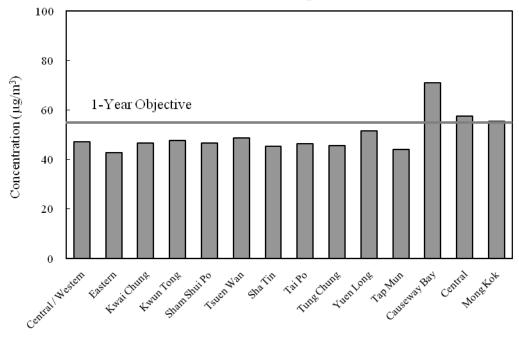


Figure 7b: RSP Monitoring 2009 (Annual Average)



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3.3 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 2009. The overall 3-month averages, ranging from nine ng/m³ (Kwun Tong and Tung Chung) to 86 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 2009, eight of them are considered more important in terms of their health impacts and their annual averages are summarised in Table C8. 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.

Variation of Air Pollution Levels over Time 5.

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 NO2 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. To no surprise, this type of traffic induced diurnal pattern is much more distinct for pollutant levels at roadside.

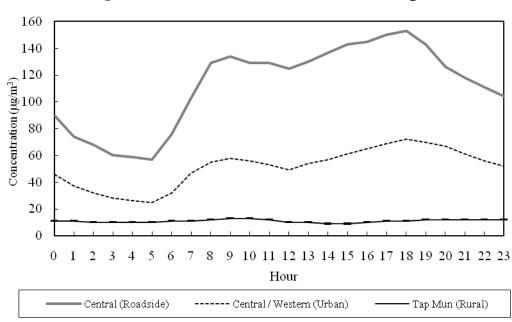


Figure 8: 2009 Diurnal variations of NO₂

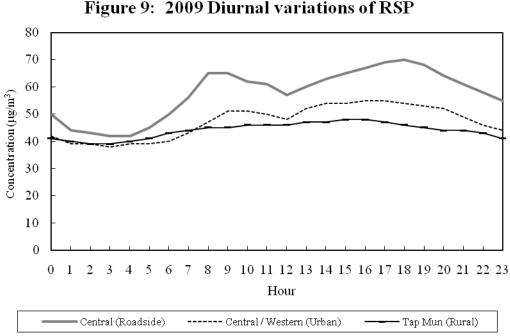
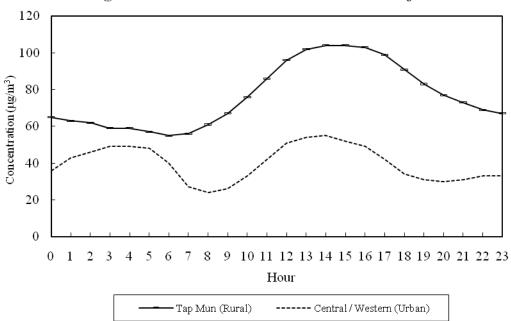


Figure 9: 2009 Diurnal variations of RSP

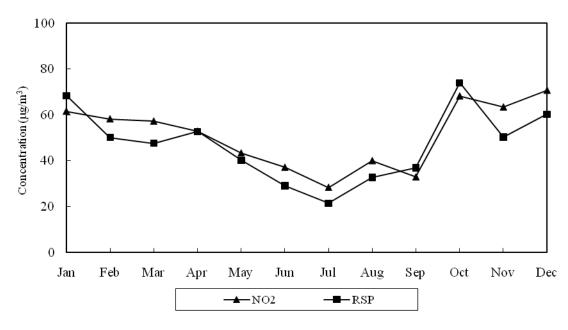
The diurnal pattern of ozone is different from that of NO_2 and RSP. Ozone is formed by photochemical reactions of its precursor pollutants such as NOx and volatile organic compounds (VOCs) under sunlight. Outside urban centres the ambient ozone levels start to build up before noon and peak in the afternoon, when precursor pollutants are accumulated and sunlight is strong. In urban areas, the lowest ozone concentrations are often observed during the rush hours. This is because a large amount of nitric oxide from the rush-hour traffic acts as an efficient scavenger of ozone, and sunlight is not strong enough for photochemical reactions to take place.

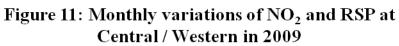


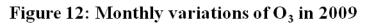


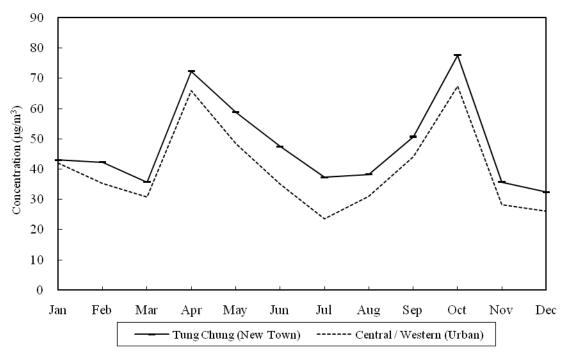
5.2 Over a Year

Concentrations of NO_2 , RSP and O_3 are substantially lower in summer months (June to August) due to a number of reasons. The higher temperatures in summer months induce larger mixing heights, which favours the dispersion of pollutants. The rains in summer help to wash out pollutants more frequently. The south-westerly monsoon in summer also helps to replenish the region with cleaner oceanic air.









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 has been noted in 2009 probably 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 2009 (14 μ g/m³) dropped by 48% as compared with the 1999 value (27 μ g/m³).

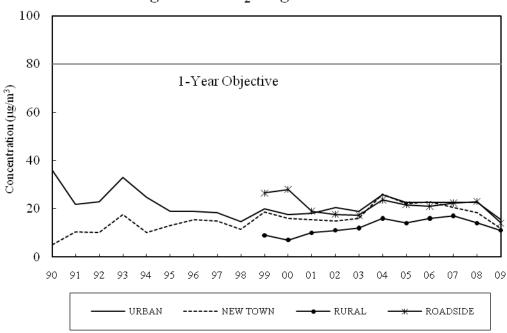
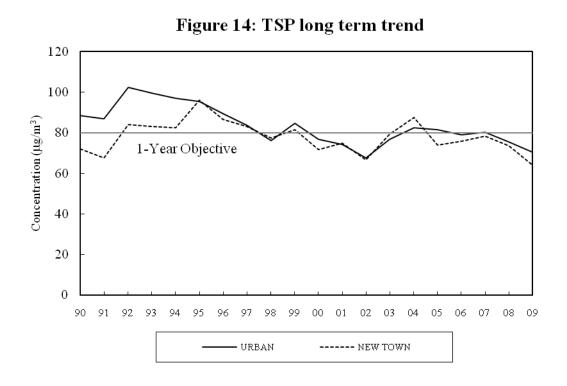


Figure 13: SO₂ long term trend

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 2009 had reduced by 33% when compared with the 1999 value.

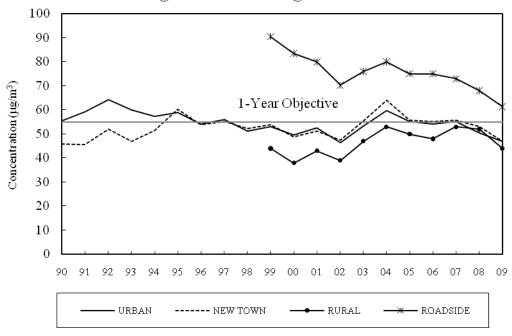


Figure 15: RSP long term trend

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.

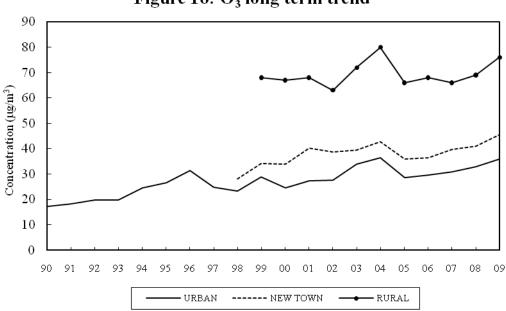
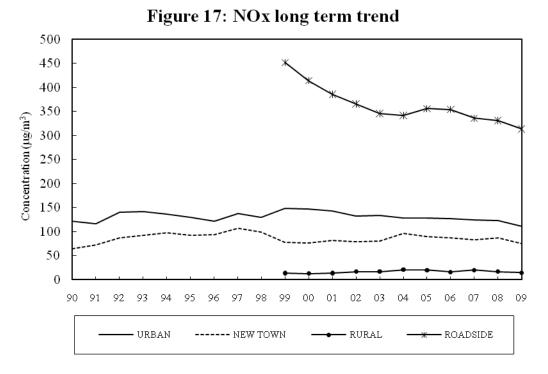


Figure 16: O₃ long term trend

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

The annual average of NO_x in urban areas has remained quite constant over the past decade. During the same period, the roadside NO_x concentration has generally shown a 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 2009 was 31% lower than its 1999 value.



 NO_2 is mainly formed from the oxidation of nitric oxide, a major component of NO_x . 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 has shown an overall increasing trend over the past

years, which could be caused by a rise in background ozone concentration promoting the conversion of nitrogen monoxide emitted from motor vehicles to NO_2 at the roadside.

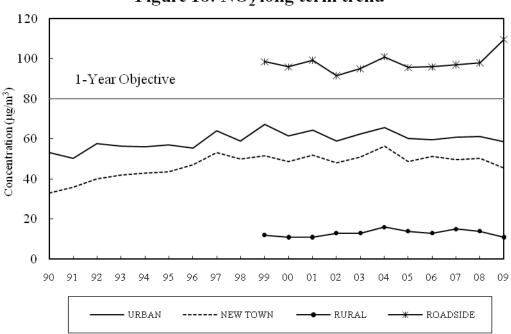
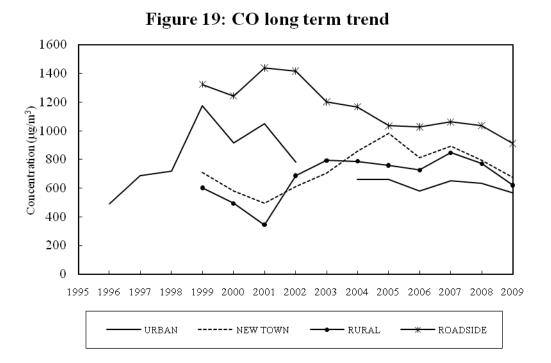


Figure 18: NO₂ long term trend

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.



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.

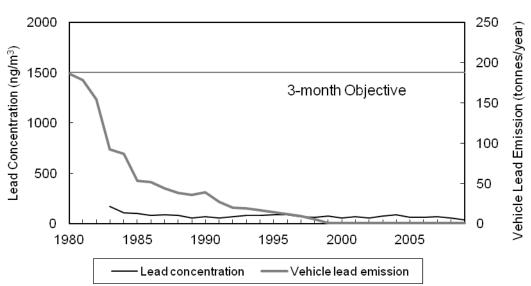


Figure 20 : Vehicle lead emission and lead concentration

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.

Table A1: Hong Kong Air Quality Objectives (AQO)

Concentration in micrograms per cu	ubic metre ^[1]
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Pollutant	Averaging Time							
Fonutant	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				

[1] Measured at $298K(25^{\circ}C)$ 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.

	Station	03	N	02	TSP	RSP	S	02	(CO
	Station	1-hr	1-hr	24-hr	24-hr	24-hr	1-hr	24-hr	1-hr	8-hr
General	Central/Western	99.93	100	100	100	100	100	100		
Station	Eastern	99.98	100	100		99.73	100	100		
	Kwai Chung	99.99	100	100	100	100	100	100		
	Kwun Tong	99.99	100	100	100	100	100	100		
	Sham Shui Po	100	100	99.72	100	99.72	100	100		
	Tsuen Wan	100	100	100	100	99.72	100	100	100	100
	Sha Tin	99.92	100	100	100	100	100	100		
	Tai Po	99.91	100	100	100	100	100	100		
	Tung Chung	99.76	100	100	100	100	100	100	100	100
	Yuen Long	99.86	100	100	100	99.72	100	100	100	100
	Tap Mun	99.87	100	100		100	100	100	100	100
Roadside	Causeway Bay		99.84	93.04		99.73	100	100	100	100
Station	Central		99.64	87.57		99.72	100	100	100	100
	Mong Kok		99.85	93.35	100	99.73	100	100	100	100

 Table A2:
 Percentage Time in compliance with Short-Term Air Quality Objectives in 2009

Notes: "--" Not measured

Air Quality in Hong Kong 2009 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 2009. For NO₂, the compliance percentages of the 24-hour AQO were above 99% for general stations and between 87% to 93% for roadside stations; its 1-hour AQO compliance rates were above 99% at all stations. Regarding RSP, the compliance percentages for its 24-hour AQO were above 99% at all stations. The compliance levels of 1-hour AQO for O₃ were over 99% at all monitoring stations. For TSP, the compliance percentage of its 24-hr AQO also achieved 100% at all stations. The compliance percentage of SO₂ reached 100% for all stations. For CO, all monitoring stations achieved full compliance with those short-term AQO in 2009.

Compliance with the long-term AQO

Table A3 shows the compliance status of the long-term (annual) AQO for all 14 monitoring stations in 2009. Similar to previous years, all monitoring stations achieved full compliance with the long-term AQO for SO_2 and lead in 2009. Compliance with the annual AQO for NO_2 was recorded at 11 out of 14 stations, same as 2008. For TSP, nine out of the 10 stations complied with the annual AQO. The annual AQO for RSP was complied at 12 out of 14 stations in 2009, as compared with a compliance rate of 10 out of 14 stations in 2008.

	Station	NO ₂	TSP	RSP	SO_2	Lead
	Station	1-year	1-year	1-year	1-year	3-months
General	Central/Western	\checkmark	✓	✓	\checkmark	✓
Station	Eastern	✓		✓	\checkmark	
	Kwai Chung	✓	\checkmark	✓	\checkmark	✓
	Kwun Tong	✓	\checkmark	✓	\checkmark	✓
	Sham Shui Po	✓	✓	✓	\checkmark	
	Tsuen Wan	\checkmark	\checkmark	✓	\checkmark	✓
	Sha Tin	✓	\checkmark	✓	\checkmark	
	Tai Po	\checkmark	✓	✓	\checkmark	
	Tung Chung	\checkmark	✓	\checkmark	\checkmark	✓
	Yuen Long	\checkmark	\checkmark	\checkmark	\checkmark	✓
	Tap Mun	\checkmark		\checkmark	\checkmark	
Roadside	Causeway Bay	×		×	\checkmark	
Station	Central	×		×	\checkmark	
	Mong Kok	×	×	\checkmark	\checkmark	✓
Notes:	"√" Complied	with the AQO	" ≭ " Viol	ated the AQO	"" Not	measured

Table A3: Compliance Status of Long-Term (Annual) Air Quality Objectives in 2009

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. 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 and RSP 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:-

- Monthly release of the monitoring data recorded at the Mong Kok, Kwai Chung and Central/Western stations (up to June 1998)
- Monthly release of the Air Pollution Index (API) summary for all monitoring stations (since July 1998)
- Daily API reporting and forecast for three categories of land-use areas, viz., urban, industrial, and new development (from 6 June 1995 to 14 June 1998)
- Daily API reporting and forecast for individual station (from 15 June 1998 to 30 June 1999)
- Hourly API reporting for individual station (since 1 July 1999)
- 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

Air Quality in Hong Kong 2009

Establishment of the Environmental Protection Interactive Centre (EPIC) for the public to download air quality monitoring data (since March 2004) (http://www.epd.gov.hk/epd/epic/english/epichome.html)

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 respectively. In 2009, 475 audit checks were carried out on the stations' analysers and samplers. As shown in Figure B1 and based on the 95% probability limits, the accuracy of the network was within the specified control limits.

The precision, a measure of the repeatability, of the measurements is checked in accordance with EPD's quality manuals. In 2009, 2094 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 -7.1 % and 4.6 %, which was again within target limits.

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 has installed in July 1997 additional monitoring facilities at the 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.

Table B1. Fixed Network Monitoring Stations: Site Information

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 Central and Chater Road, Central	Urban Roadside : Busy commercial/financial area surrounded by many tall buildings	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

Note: P.D. = Principal Datum

					PARAM	IETERS				
STATIONS		NO	NO			R	SP	2 22	MET ^[3]	
STATIONS	SO ₂	NO _x	NO	NO ₂	СО	O ₃	Cont ^[1]	Hi-Vol ^[2]	TSP	
Central/Western	✓	✓	\checkmark	✓		✓	~	✓	\checkmark	✓
Eastern	✓			✓		✓	~			✓
Kwai Chung	~	~	~	✓		~	~		\checkmark	~
Kwun Tong	~	~	~	✓		~	~	✓	\checkmark	~
Sham Shui Po	~	~	~	✓		✓	~	✓	\checkmark	~
Tsuen Wan	~	~	~	✓	~	✓	~	✓	\checkmark	~
Sha Tin	~	~	~	✓		✓	~		\checkmark	~
Tai Po	~			✓		✓	~		\checkmark	~
Tung Chung	~	~	~	✓	~	✓	~	✓	\checkmark	~
Yuen Long	~	~	~	✓	~	~	~	✓	\checkmark	~
Tap Mun	~	~	~	~	~	~	~			
Causeway Bay	~	~	~	~	~		~			
Central	~	~	~	~	~		~			
Mong Kok	✓	✓	~	✓	✓		✓	✓	\checkmark	✓

Table B2. Summary of the Parameters Monitored in the Network (2009)

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	a) Gravimetricb) Oscillating microbalance	Graseby Andersen PM10 R&P TEOM Series 1400a-AB-PM10

 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
Perchloroethylene	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

 Table B4
 Sampling and Analysis Methods Used in Measuring Toxic Air Pollutants

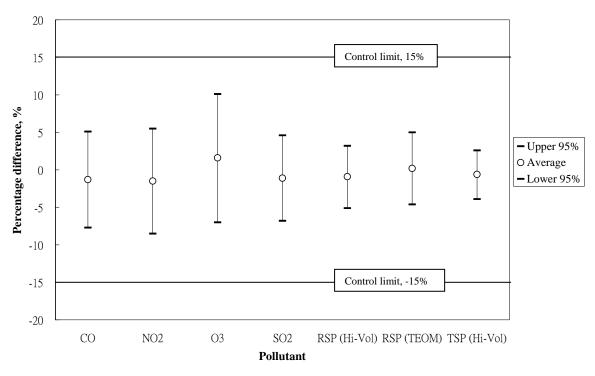
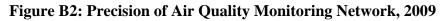
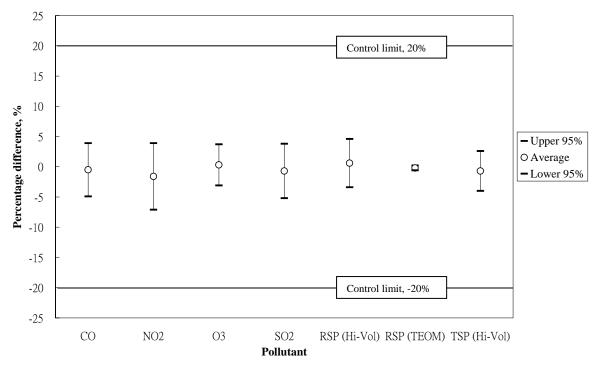


Figure B1: Accuracy of Air Quality Monitoring Network, 2009





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.	Title
C1.	The highest four hourly pollutant concentrations measured in 2009
C2.	The highest two daily pollutant concentrations measured in 2009
C3.	2009 Monthly and annual averages of gaseous pollutants
C4.	2009 Monthly and annual averages of particulate pollutants
C5.	2009 Hourly Statistics of major air pollutants
C6.	2009 Total wet and dry deposition
C7.	2009 Diurnal variations of air pollutant
C8.	2009 Ambient levels of toxic air pollutants

TABLE C1: THE HIGHEST 4 HOURLY POLLUTANT CONCENTRATIONS MEASURED IN 2009

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

(1-nour AQO = 800)				
Station	1st High	2nd High	3rd High	4th High
Central / Western	433	321	305	303
Eastern	248	143	133	127
Kwai Chung	269	207	206	205
Kwun Tong	168	119	114	111
Sham Shui Po	226	207	189	182
Tsuen Wan	184	168	157	133
Sha Tin	132	102	100	98
Tai Po	114	110	108	105
Tung Chung	158	158	144	141
Yuen Long	187	171	153	141
Tap Mun	106	98	97	90
Causeway Bay	134	129	113	108
Central	277	230	226	220
Mong Kok	155	154	151	148

Pollutant: Nitrogen Oxides

Station	1st High	2nd High	3rd High	4th High
Central / Western	860	810	761	757
Kwai Chung	845	818	796	794
Kwun Tong	883	649	649	649
Sham Shui Po	997	845	820	816
Tsuen Wan	550	543	521	521
Sha Tin	563	554	527	515
Tung Chung	368	351	343	342
Yuen Long	731	528	513	501
Tap Mun	136	122	108	108
Causeway Bay	1424	1230	1218	1184
Central	1776	1699	1591	1505
Mong Kok	1145	1041	1007	1005

Pollutant: Nitric Oxide

Station	1st High	2nd High	3rd High	4th High
Central / Western	453	420	386	350
Kwai Chung	438	433	429	419
Kwun Tong	480	344	340	329
Sham Shui Po	521	461	427	426
Tsuen Wan	295	285	273	264
Sha Tin	299	283	277	276
Tung Chung	170	169	149	149
Yuen Long	406	266	264	261
Tap Mun	33	31	31	30
Causeway Bay	777	661	635	608
Central	978	927	881	799
Mong Kok	615	566	550	540

Note: 1. All concentration units are in micrograms per cubic metre.

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

3. Only the asterisked pollutants have hourly AQO.

Pollutant: Nitrogen Dioxide *

(1-hour AQO = 300)				
Station	1st High	2nd High	3rd High	4th High
Central / Western	236	232	222	220
Eastern	235	223	219	209
Kwai Chung	260	254	246	240
Kwun Tong	249	246	229	227
Sham Shui Po	250	247	245	231
Tsuen Wan	238	232	214	213
Sha Tin	214	209	205	202
Tai Po	199	197	192	181
Tung Chung	221	215	205	202
Yuen Long	215	205	201	197
Tap Mun	111	103	89	86
Causeway Bay	376	349	347	340
Central	445	439	395	390
Mong Kok	342	342	340	338

Pollutant: Carbon Monoxide *

(1-hour AQO = 30000)

(,			
Station	1st High	2nd High	3rd High	4th High
Tsuen Wan	1620	1620	1610	1590
Tung Chung	2020	1970	1930	1910
Yuen Long	2540	2320	2320	2300
Tap Mun	2090	2080	2070	2050
Causeway Bay	5520	3790	3790	3790
Central	3220	3110	3110	2990
Mong Kok	3110	2990	2640	2640

Pollutant: Ozone *

(1-hour AQO = 240)

(1.110 (1.1120 - 2.10)	4 418 1		0.115.1	44 1 5 1
Station	1st High	2nd High	3rd High	4th High
Central / Western	292	279	273	270
Eastern	281	259	229	225
Kwai Chung	253	205	201	175
Kwun Tong	242	212	175	165
Sham Shui Po	224	211	202	199
Tsuen Wan	230	206	196	193
Sha Tin	268	263	262	260
Tai Po	270	270	260	259
Tung Chung	325	292	292	289
Yuen Long	301	297	278	266
Tap Mun	324	320	319	312

Pollutant: Respirable Suspended Particulates

Station	1st High	2nd High	3rd High	4th High
Central / Western	223	211	210	198
Eastern	222	211	210	209
Kwai Chung	210	208	208	207
Kwun Tong	226	216	214	213
Sham Shui Po	226	222	221	221
Tsuen Wan	226	223	220	219
Sha Tin	207	206	201	199
Tai Po	202	201	198	196
Tung Chung	210	205	202	199
Yuen Long	225	223	217	212
Tap Mun	195	193	189	187
Causeway Bay	528	271	254	246
Central	257	243	240	234
Mong Kok	233	227	227	224

Air Quality in Hong Kong 2009

TABLE C2: THE HIGHEST 2 DAILY POLLUTANT CONCENTRATIONS MEASURED IN 2009

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

(24-nour AQO = 350)					
Station	1st High	2nd High			
Central / Western	83	81			
Eastern	56	55			
Kwai Chung	83	83			
Kwun Tong	57	43			
Sham Shui Po	125	73			
Tsuen Wan	80	62			
Sha Tin	54	47			
Tai Po	44	38			
Tung Chung	63	51			
Yuen Long	81	52			
Tap Mun	35	35			
Causeway Bay	62	42			
Central	91	67			
Mong Kok	109	74			

Pollutant: Nitrogen Oxides

Station	1st High	2nd High
Central / Western	344	311
Kwai Chung	345	340
Kwun Tong	290	284
Sham Shui Po	395	359
Tsuen Wan	242	242
Sha Tin	250	230
Tung Chung	194	189
Yuen Long	241	220
Tap Mun	60	51
Causeway Bay	753	738
Central	752	668
Mong Kok	583	561

Pollutant: Ozone

Station	1st High	2nd High
Central / Western	140	121
Eastern	111	109
Kwai Chung	126	111
Kwun Tong	128	126
Sham Shui Po	99	98
Tsuen Wan	110	97
Sha Tin	150	145
Tai Po	142	128
Tung Chung	148	136
Yuen Long	131	130
Tap Mun	175	169

Pollutant: Nitrogen Dioxide *

(24-h	our AQ	O = 15	0)

Station	1st High	2nd High
Central / Western	135	128
Eastern	118	101
Kwai Chung	138	129
Kwun Tong	134	113
Sham Shui Po	158	132
Tsuen Wan	125	122
Sha Tin	131	106
Tai Po	101	92
Tung Chung	119	118
Yuen Long	124	113
Tap Mun	51	41
Causeway Bay	205	204
Central	241	201
Mona Kok	189	187

Pollutant: Nitric Oxide

Station	1st High	2nd High
Central / Western	148	138
Kwai Chung	154	146
Kwun Tong	118	116
Sham Shui Po	158	158
Tsuen Wan	125	91
Sha Tin	97	92
Tung Chung	83	55
Yuen Long	84	84
Tap Mun	12	11
Causeway Bay	367	354
Central	365	353
Mong Kok	284	273

Pollutant: Carbon Monoxide * (8-hour AQO = 10000)

(8-nour AQU = 100	00)	
Station	1st High	2nd High
Tsuen Wan	1505	1496
Tung Chung	1864	1864
Yuen Long	2181	2179
Tap Mun	2050	2039
Causeway Bay	3438	3408
Central	2529	2515
Mong Kok	2514	2485

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

	•,	
Station	1st High	2nd High
Central / Western	178	152
Eastern	184	150
Kwai Chung	180	141
Kwun Tong	169	165
Sham Shui Po	196	149
Tsuen Wan	183	154
Sha Tin	169	149
Tai Po	158	155
Tung Chung	162	158
Yuen Long	186	158
Tap Mun	148	142
Causeway Bay	212	170
Central	199	173
Mong Kok	197	167

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

Station	1st High	2nd High
Central / Western	179	160
Kwai Chung	144	137
Kwun Tong	186	185
Sham Shui Po	155	153
Tsuen Wan	128	121
Sha Tin	133	121
Tai Po	166	146
Tung Chung	133	131
Yuen Long	173	163
Mong Kok	210	186

Note: 1. All concentration units are in micrograms per cubic metre. Values for Carbon Monoxide are 8-hour averages.
 Shaded 24-hour averages are above their respective AQO.
 Only the asterisked pollutants have either 8-hour or 24-hour AQO.

TABLE C3: 2009 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	23	17	19	16	12	17	14	23	17	16	13	15	17
Eastern	17	9	12	11	12	11	11	11	10	14	13	12	12
Kwai Chung	20	22	23	16	21	33	30	35	14	14	15	13	21
Kwun Tong	15	8	10	13	11	10	10	14	10	13	13	10	11
Sham Shui Po	18	10	16	15	16	21	12	23	10	18	15	16	16
Tsuen Wan	21	18	14	12	13	19	17	21	12	14	13	12	16
Sha Tin	14	6	9	8	10	14	10	18	10	11	13	12	11
Tai Po	10 *	7	8	8	8	9	8	12	8	9	11	11	9
Tung Chung	20	11	10	14	14	13	9	15	10	13	18	14	13
Yuen Long	22	14	13	10	11	15	11	18	13	17	14	12	14
Tap Mun	18	9	12	12	9	10	9	11	10	12	13	11	11
Causeway Bay	14	6	9	8	9	10	8	12	7	10	9	10	9
Central	26	15	13	11	10	17	18	20	11	15	11	16	15
Mong Kok	24	15	20	21	17	25	19	21	16	18	10	13	18

Pollutant: Nitrogen Oxides

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	101	99	102	73	65	66	53	76	51	90	107	141	86
Kwai Chung	144	151	138	112	119	160	123	153	109	124	139	148	135
Kwun Tong	130	110	114	96	86	130	107	119	84	93	117	120	109
Sham Shui Po	140	143	137	119	106	115	91	112	89	95	107	134	116
Tsuen Wan	118	124	113	94	89	109	95	121	95	97	119	122	108
Sha Tin	99	67	66	42	48	70	42	85	50	65	87	86	67
Tung Chung	95	75	78	59	49	52	35	64	44	68	88	102	68
Yuen Long	120	110	96	68	70	85	66	94	68	84	101	111	89
Tap Mun	16	11	19	13	12	15	14	20	13	12	16	15	15
Causeway Bay	393	341	344	273	301	328	305	343	253	277	307	341	317
Central	377	339	343	268	283	344	299	355	267	309	334	347	322
Mong Kok	305	332	319	305	311	317	289	314	259	295	270	311	302

Pollutant: Nitric Oxide

i onutant. Mitric C	Aluc												
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	26	27	29	13	14	19	16	23	12	15	28	46	22
Kwai Chung	46	56	51	32	39	61	50	59	36	28	46	49	46
Kwun Tong	39	35	38	24	25	46	42	40	25	17	34	35	33
Sham Shui Po	39	47	45	29	28	38	33	37	24	15	28	39	33
Tsuen Wan	29	40	34	22	24	34	34	39	27	16	34	34	31
Sha Tin	30	20	18	7	11	21	12	26	11	11	25	23	18
Tung Chung	18	18	20	10	10	13	9	15	8	8	20	25	15
Yuen Long	32	34	28	13	17	26	23	27	17	15	30	31	24
Tap Mun	1	1	2	1	2	2	2	4	4	3	4	2	2
Causeway Bay	177	154	157	107	130	150	145	155	103	94	124	139	136
Central	163	153	153	101	119	160	142	165	110	104	135	142	137
Mong Kok	122	147	140	117	131	143	138	141	109	102	109	127	127

Pollutant: Nitrogen Dioxide (Annual AQO = 80)

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	62	58	57	53	43	37	28	40	33	68	63	71	51
Eastern	66	59	58	59	50	39	32	39	42	61	57	61	53
Kwai Chung	73	65	60	63	60	66	46	64	54	81	69	72	64
Kwun Tong	71	56	56	59	48	60	43	57	46	67	65	67	58
Sham Shui Po	80	71	68	75	63	57	41	55	53	72	65	74	65
Tsuen Wan	73	63	61	60	53	57	42	61	53	72	67	70	61
Sha Tin	53	37	38	32	30	39	25	45	33	48	48	51	40
Tai Po	44 *	41	45	39	37	44	31	48	41	54	53	58	45
Tung Chung	67	48	48	44	33	31	22	41	32	55	57	63	45
Yuen Long	71	57	53	48	44	46	31	53	43	61	55	64	52
Tap Mun	14	9	15	11	9	12	10	14	8	7	10	12	11
Causeway Bay	123	105	105	109	102	98	83	106	96	134	117	128	109
Central	127	106	109	114	101	99	82	103	98	149	127	130	112
Mong Kok	118	108	105	126	111	98	78	98	92	138	104	116	108

Pollutant: Carbon Monoxide

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Tsuen Wan	550	620	660	640	510	510	400	450	450	530	620	850	566
Tung Chung	930	920	790	450	390	390	350	430	430	750	820	970	635
Yuen Long	1030	840	880	730	530	530	390	600	620	590	790	990	711
Tap Mun	940	670	640	700	590	530	430	480	600	670	480	720	620
Causeway Bay	1580	1190	1260	880	560	660	810	930	810	890	950	1260	985
Central	990	1180	1040	750	750	690	780	1010	530	830	600	1000	845
Mong Kok	1350	1240	850	810	700	570	710	910	830	970	870	1030	902

Pollutant: Ozone

i onutunt. Ozone													
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	42	35	31	66	48	35	24	31	44	67	28	26	40
Eastern	48	40	37	60	50	39	23	33	41	69	36	35	43
Kwai Chung	36	33	30	59	38	16	14	17	32	57	30	30	33
Kwun Tong	43	39	31	60	45	19	13	21	36	68	34	34	37
Sham Shui Po	32	24	22	45	34	23	16	20	30	61	28	25	30
Tsuen Wan	32	26	26	55	39	21	16	20	32	58	28	26	32
Sha Tin	48	47	41	80	59	28	25	27	47	78	39	38	46
Tai Po	40 *	41	36	65	49	26	20	41	74	95	45	40	48
Tung Chung	43	42	36	72	59	47	37	38	51	78	36	32	47
Yuen Long	38	32	29	67	49	33	24	34	48	77	35	28	41
Tap Mun	87	75	65	106	87	55	42	57	75	120	72	71	76

Notes:

Asterisked values are below their respective minimum data requirement of 66% for number of data within the period.
 Shaded monthly averages are below the minimum data requirements for number of data within a quarter.

4. Shaded annual averages are above their respective AQO.

^{1.} All units are in micrograms per cubic metre.

TABLE C4: 2009 MONTHLY AND ANNUAL AVERAGES OF PARTICULATE POLLUTANTS

Tollatant. Total of			1.000	unnuul A	40 – 60 /								
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Central / Western	115	69	85	66	74	44	22	48	54	109	90	94	73
Kwai Chung	97	77	65	63	52	44	43	70	64	85	84	91	70
Kwun Tong	86	84	68	62	51	51	38	47	58	111	90	98	70
Sham Shui Po	111	74	87	67	80	60	43	52	63	113	87	78	77
Tsuen Wan	79	72	48	61	47	36	48	50	52	82	75	100	63
Sha Tin	108	41	76	73	52	43	26	48	38	84	55	85	60
Tai Po	92	65	60	82	44	36	25	51	41	95	59	83	60
Tung Chung	98	52	42	59	39	30	26	73	57	81	76	86	60
Yuen Long	98	80	56	74	47	43	51	56	61	97	106	138	77
Mong Kok	159	85	128	124	92	71	49	68	68	124	93	127	98

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	68	50	48	53	40	29	21	33	37	74	50	60	47
Eastern	62	49	44	51	38	25	20	28	33	65	43	53	43
Kwai Chung	66	46	44	47	37	35	28	41	38	69	50	57	47
Kwun Tong	66	51	49	55	42	34	26	37	39	69	47	57	48
Sham Shui Po	68	49	47	53	40	33	24	35	37	68	46	59	47
Tsuen Wan	73	49	48	53	39	34	26	37	40	75	51	58	49
Sha Tin	68	45	44	51	38	30	21	35	37	71	48	57	45
Tai Po	66	47	47	50	39	31	23	38	39	70	48	57	46
Tung Chung	72	39	41	49	36	28	19	35	38	74	55	60	46
Yuen Long	79	46	49	52	38	34	25	41	43	83	58	70	51
Tap Mun	67	47	46	53	38	26	20	30	37	68	44	52	44
Causeway Bay	91	75	67	77	67	60	51	61	65	97	66	75	71
Central	81	64	61	63	51	42	34	47	48	79	57	67	58
Mong Kok	73	59	59	62	50	41	33	42	48	78	53	65	55

Notes:

Asterisked values are below their respective minimum data requirement of 66% for number of data within the period.
 Shaded monthly averages are below the minimum data requirements for number of data within a quater.

4. Shaded annual averages are above their respective AQO.

^{1.} All units are in micrograms per cubic metre.

TABLE C5: 2009 HOURLY STATISTICS OF MAJOR AIR POLLUTANTS

Pollutant: Sulphur I	Dioxide													
Station	No. of	Data capture				Perc					Geometric	Arithmetic	Highest	Highest
Central / Western	hours 8589	rate % 98.0	10 5	25 8	50 11	75 18	90 34	95 50	98 74	99 99	mean 12	mean 17	1 hour 433	24 hour 83
Eastern	8061	92.0	5	7	9	13	19	28	48	64	10	12	248	56
Kwai Chung	8543	97.5	5	7	10	24	58	78	102	124	13 9	21	269	83
Kwun Tong Sham Shui Po	8603 8596	98.2 98.1	4 4	6 6	9 10	13 16	20 34	29 58	49 85	61 107	9 11	11 16	168 226	57 125
Tsuen Wan	8469	96.7	4	6	10	18	35	46	64	76	11	16	184	80
Sha Tin	8585	98.0	3	4	7	13	23	36	51	63	8	11	132	54
Tai Po Tung Chung	7960 8509	90.9 97.1	3 4	4 6	7 9	11 15	17 27	23 37	35 53	47 72	7 10	9 13	114 158	44 63
Yuen Long	8325	97.1	4 5	7	10	17	28	37	55	72	10	13	136	81
Tap Mun	8533	97.4	5	7	9	13	20	25	33	43	10	11	106	35
Causeway Bay	8524	97.3	3	4	6	10	18	28	42	54	7	9	134	62
Central Mong Kok	8533 8506	97.4 97.1	4 7	6 10	10 13	18 19	32 33	46 51	66 74	82 93	11 15	15 18	277 155	91 109
Mong Rok	0000	57.1	,	10	10	15	55	01	74	55	10	10	100	105
Pollutant: Nitrogen Station	Oxides No. of	Data capture	٢			Per	entiles				Geometric	Arithmetic	Highest	Highest
Sutton	hours	rate %	10	25	50	75	90	95	98	99	mean	mean	1 hour	24 hour
Central / Western	8488	96.9	23	39	64	105	173	228	312	403	63	86	860	344
Kwai Chung	8548	97.6 98.2	47 36	78 63	118 94	170 138	235	293 241	387	453 351	112 89	135 109	845	345 290
Kwun Tong Sham Shui Po	8602 8594	98.1	36	73	94 108	141	200 182	241	301 328	434	96	109	883 997	395
Tsuen Wan	8428	96.2	36	71	99	134	181	218	281	325	92	108	550	242
Sha Tin	8597	98.1	15	25	45	81	150	217	303	352	45	67	563	250
Tung Chung Yuen Long	8496 8462	97.0 96.6	18 36	30 51	52 74	92 108	140 159	173 209	211 277	235 319	51 74	68 89	368 731	194 241
Tap Mun	8537	97.5	6	8	11	100	26	36	53	64	12	15	136	60
Causeway Bay	8492	96.9	125	194	291	409	536	631	754	851	274	317	1424	753
Central Mong Kok	8574	97.9	104	180	297	426	568	665 502	807 500	903 664	267	322	1776	752
Mong Kok	8536	97.4	129	204	312	382	448	503	590	664	271	302	1145	583
Pollutant: Nitric Oxi		Det				r					C-	A	IE 1	III I
Station	No. of hours	Data capture rate %	< 10	25	50	Perc 75	entiles 90	95	98	····-> 99	Geometric mean	Arithmetic mean	Highest 1 hour	Highest 24 hour
Central / Western	8488	96.9	2	4	9	24	58	91	137	183	10	22	453	148
Kwai Chung	8548	97.6	7	17	33	61	98	131	178	219	30	46	438	154
Kwun Tong Sham Shui Po	8602 8594	98.2 98.1	4 3	11 12	23 26	44 42	75 63	102 87	133 142	160 214	21 22	33 33	480 521	118 158
Snam Snui Po Tsuen Wan	8594 8428	98.1 96.2	3	12 11	26	42	63 63	87 83	142 121	214 152	22 20	33 31	521 295	158 125
Sha Tin	8597	98.1	0	1	5	18	51	85	131	161	8	18	299	97
Tung Chung	8496	97.0	2	4	7	18	39	55	76	91	8	15	170	83
Yuen Long Tap Mun	8462 8537	96.6 97.5	4 1	7 1	15 2	30 3	54 4	77 5	116 10	142 16	15 2	24 2	406 33	84 12
Causeway Bay	8492	96.9	40	69	118	183	254	308	374	430	108	136	777	367
Central	8574	97.9	28	60	118	190	269	329	402	463	100	137	978	365
Mong Kok	8536	97.4	41	77	128	167	205	233	282	320	107	127	615	284
Pollutant: Nitrogen	Dioxide													
Station	No. of hours	Data capture rate %	< 10	25			entiles 90	95	98	····-> 99	Geometric	Arithmetic	Highest 1 hour	Highest 24 hour
Central / Western	8488	96.9	10	23	50 46	75 68	90	⁹⁵	137	151	mean 42	mean 51	236	135
Eastern	8061	92.0	24	35	51	66	82	96	114	132	47	53	235	118
Kwai Chung	8548	97.6	32	44	58	77	105	127	155	179	58	64	260	138
Kwun Tong Sham Shui Po	8602 8594	98.2 98.1	26 29	39 42	54 61	71 83	92 103	111 119	135 141	158 158	51 57	58 65	249 250	134 158
Tsuen Wan	8428	96.2	27	41	57	75	100	118	141	153	54	61	238	125
Sha Tin	8597	98.1	13	21	33	49	78	101	124	140	32	40	214	131
Tai Po Tung Chung	7960 8496	90.9 97.0	20 13	29 23	40 38	55 60	75 89	90 107	110 128	123 146	39 35	45 45	199 221	101 119
Tung Chung Yuen Long	8462	96.6	25	33	46	64	90	107	120	140	46	43 52	221	124
Tap Mun	8537	97.5	4	5	8	13	21	29	38	47	9	11	111	51
Causeway Bay	8492	96.9	54	77	106	135	165	189	220	243	99	109	376	205
Central	0574		53	74	106 102	141 136	177 167	201 188	236 214	264 240	101 98	112 108	445 342	241 189
Mong Kok	8574 8536	97.9 97.4	53	76										
	8536		53	76	102									
Mong Kok Pollutant: Carbon M Station	8536 Monoxide	97.4	53	76	102	Perc	entiles			>	Geometric	Arithmetic		Highest
	8536		53 < 10	25	50	Pero 75	entiles 90	95	98	> 99	Geometric mean	Arithmetic mean	Highest 1 hour	Highest 8 hour
Pollutant: Carbon M Station Tsuen Wan	8536 No. of hours 8360	97.4 Data capture rate % 95.4	< 10 290	25 390	50 530	75 700	90 910	1030	1170	1270	mean 514	mean 566	Highest 1 hour 1620	8 hour 1505
Pollutant: Carbon M Station Tsuen Wan Tung Chung	8536 No. of hours 8360 8495	97.4 Data capture rate % 95.4 97.0	< 10 290 290	25 390 380	50 530 590	75 700 830	90 910 1080	1030 1230	1170 1380	1270 1490	mean 514 555	mean 566 635	Highest 1 hour 1620 2020	8 hour 1505 1864
Pollutant: Carbon M Station Tsuen Wan	8536 No. of hours 8360	97.4 Data capture rate % 95.4	< 10 290	25 390	50 530	75 700	90 910	1030	1170	1270	mean 514	mean 566	Highest 1 hour 1620	8 hour 1505
Pollutant: Carbon N Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay	8536 No. of hours 8360 8495 8320 8515 8439	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3	< 10 290 290 370 370 460	25 390 380 480 460 690	50 530 590 660 580 920	75 700 830 890 760 1270	90 910 1080 1140 930 1610	1030 1230 1310 1050 1840	1170 1380 1490 1200 2180	1270 1490 1640 1330 2410	mean 514 555 646 574 884	mean 566 635 711 620 985	Highest 1 hour 1620 2020 2540 2090 5520	8 hour 1505 1864 2181 2050 3438
Pollutant: Carbon N Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central	8536 No. of hours 8360 8495 8320 8515 8439 8526	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3	< 10 290 290 370 370 460 350	25 390 380 480 460 690 580	50 530 590 660 580 920 800	75 700 830 890 760 1270 1150	90 910 1080 1140 930 1610 1380	1030 1230 1310 1050 1840 1610	1170 1380 1490 1200 2180 1840	1270 1490 1640 1330 2410 2070	mean 514 555 646 574 884 737	mean 566 635 711 620 985 845	Highest 1 hour 1620 2020 2540 2090 5520 3220	8 hour 1505 1864 2181 2050 3438 2529
Pollutant: Carbon N Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok	8536 No. of hours 8360 8495 8320 8515 8439	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3	< 10 290 290 370 370 460	25 390 380 480 460 690	50 530 590 660 580 920	75 700 830 890 760 1270	90 910 1080 1140 930 1610	1030 1230 1310 1050 1840	1170 1380 1490 1200 2180	1270 1490 1640 1330 2410	mean 514 555 646 574 884	mean 566 635 711 620 985	Highest 1 hour 1620 2020 2540 2090 5520	8 hour 1505 1864 2181 2050 3438
Pollutant: Carbon N Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone	8536 No. of hours 8360 8495 8320 8515 8439 8526 8561	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.3 97.7	< 10 290 370 370 460 350 460	25 390 380 480 460 690 580	50 530 590 660 580 920 800	75 700 830 890 760 1270 1150 1150	90 910 1080 1140 930 1610 1380 1380	1030 1230 1310 1050 1840 1610	1170 1380 1490 1200 2180 1840	1270 1490 1640 1330 2410 2070 1840	mean 514 555 646 574 884 737 836	mean 566 635 711 620 985 845 902	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110	8 hour 1505 1864 2181 2050 3438 2529 2514
Pollutant: Carbon N Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok	8536 No. of hours 8360 8495 8320 8515 8439 8526	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3	< 10 290 290 370 370 460 350	25 390 380 480 460 690 580	50 530 590 660 580 920 800	75 700 830 890 760 1270 1150 1150	90 910 1080 1140 930 1610 1380	1030 1230 1310 1050 1840 1610	1170 1380 1490 1200 2180 1840	1270 1490 1640 1330 2410 2070	mean 514 555 646 574 884 737	mean 566 635 711 620 985 845	Highest 1 hour 1620 2020 2540 2090 5520 3220	8 hour 1505 1864 2181 2050 3438 2529
Pollutant: Carbon N Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western	8536 No. of hours 8360 8495 8320 8515 8439 8526 8561 No. of hours 8558	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 Data capture rate % 97.7	< 10 290 290 370 370 460 460 < 10 4	25 390 380 480 460 690 580 690 25 13	50 530 590 660 580 920 800 920 920 50 50 31	75 700 830 890 760 1270 1150 1150 1150 Perc 75 59	90 910 1080 1140 930 1610 1380 1380 1380 	1030 1230 1310 1050 1840 1610 1490 95 104	1170 1380 1490 1200 2180 1840 1610 98 125	1270 1490 1640 1330 2410 2070 1840	mean 514 555 646 574 884 737 836 Geometric mean 26	mean 566 635 711 620 985 845 902 Arithmetic mean 40	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 292	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140
Pollutant: Carbon N Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern	8536 No. of hours 8360 8495 8320 8515 8439 8526 8561 No. of hours 8558 8061	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 Data capture rate % 97.7 92.0	< 10 290 290 370 370 460 460 < 10 4 12	25 390 380 480 460 690 580 690 25 13 23	50 530 590 660 580 920 800 920 920 50 31 40	75 700 830 890 760 1270 1150 1150 1150	90 910 1080 1140 930 1610 1380 1380 1380 ************************************	1030 1230 1310 1050 1840 1610 1490 95 104 90	1170 1380 1490 1200 2180 1840 1610 98 125 105	1270 1490 1640 1330 2410 2070 1840 > 99 140 117	mean 514 555 646 574 884 737 836 Geometric mean 26 35	mean 566 635 711 620 985 845 902 Arithmetic mean 40 43	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 292 281	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111
Pollutant: Carbon N Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung	8536 Konoxide No. of hours 8360 8495 8320 8515 8439 8526 8561 No. of hours 8558 8061 8483	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.7 97.7 97.7 97.7 92.0 96.8	< 10 290 290 370 370 460 350 460 350 460 < 10 4 12 4 4	25 390 380 480 460 690 580 690 25 13 23 9	50 530 590 660 580 920 800 920 920 50 50 31 40 25	75 700 830 890 760 1270 1150 1150 1150 Perc 75 59 60 49	90 910 1080 1140 930 1610 1380 1380 1380 eentiles 90 87 78 73	1030 1230 1310 1050 1840 1610 1490 95 104 90 88	1170 1380 1490 1200 2180 1840 1610 98 125 105 107	1270 1490 1640 1330 2410 2070 1840 > 99 140 117 120	mean 514 555 646 574 884 737 836 Geometric mean 26 35 21	mean 566 635 711 620 985 845 902 Arithmetic mean 40 43 33	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 292 281 253	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126
Pollutant: Carbon N Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Kwun Tong	8536 No. of hours 8360 8495 8320 8515 8439 8526 8561 No. of hours 8558 8061	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 Data capture rate % 97.7 92.0	< 10 290 290 370 370 460 460 < 10 4 12	25 390 380 480 460 690 580 690 25 13 23	50 530 590 660 580 920 800 920 920 50 31 40	75 700 830 890 760 1270 1150 1150 1150	90 910 1080 1140 930 1610 1380 1380 1380 ************************************	1030 1230 1310 1050 1840 1610 1490 95 104 90	1170 1380 1490 1200 2180 1840 1610 98 125 105	1270 1490 1640 1330 2410 2070 1840 > 99 140 117	mean 514 555 646 574 884 737 836 Geometric mean 26 35	mean 566 635 711 620 985 845 902 Arithmetic mean 40 43	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 292 281	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111
Pollutant: Carbon N Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Kwai Chung Sham Shu Po Tsuen Wan	8536 No. of hours 8360 8495 8439 8515 8439 8526 8561 No. of hours 8558 8061 8483 8558 8061 8483 8533 8558	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 97.7 92.0 97.7 92.0 96.8 97.7 92.9 96.8 97.4 97.4 97.6 96.2	<pre>< 10 290 370 370 460 350 460 < 10 4 12 4 3 4 5</pre>	25 390 480 460 690 580 690 25 13 23 9 11 9 10	50 530 590 660 580 920 800 920 50 31 40 25 30 22 23	75 700 830 890 760 1270 1150 1150 1150 Perc 75 59 60 49 57 44 46	90 910 1080 1140 930 1610 1380 1380 1380 80 87 78 73 80 67 72	1030 1230 1310 1050 1840 1610 1490 95 104 90 88 94 82 88	1170 1380 1490 2180 1840 1610 98 125 105 107 111 107 107	1270 1490 1640 1330 2410 2070 1840 1840 199 140 117 120 122 124 122	mean 514 555 646 574 884 737 836 Geometric mean 26 35 21 24 19 21	mean 566 635 771 620 985 845 902 Arithmetic mean 40 43 33 37 30 32	Highest 1 hour 1620 2020 2540 3220 3220 3110 Highest 1 hour 292 281 253 242 224 230	8 hour 1505 1864 2050 3438 2529 2514 Highest 24 hour 140 111 126 128 99 110
Pollutant: Carbon N 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	8536 No. of hours 8360 8495 8320 8515 8439 8525 8561 No. of hours 8555 8061 8483 8552 8429 8489	97.4 Data capture rate %6 95.4 97.0 95.3 97.2 96.3 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.4 97.6 96.9	<pre>< 10 290 290 370 370 460 350 460 </pre>	25 390 380 480 460 690 580 690 25 13 23 9 11 9 10 10	50 530 590 660 580 920 800 920 920 50 31 40 25 30 22 23 35	75 700 830 890 760 1270 1150 1150 1150 75 59 60 49 57 44 46 75	90 910 1080 1140 930 1610 1380 1380 1380 5 87 78 87 78 87 78 80 67 72 107	1030 1230 1310 1050 1840 1610 1490 95 104 90 88 94 82 88 125	1170 1380 1490 2180 1840 1610 98 125 105 105 105 107 111 107 143	1270 1490 1640 1330 2410 2070 1840 1840 140 117 120 122 124 122 159	mean 514 555 646 574 884 737 836 Geometric mean 26 35 21 24 19 21 25	mean 566 635 711 620 985 845 902 Arithmetic mean 40 43 33 37 30 32 46	Highest 1 hour 1620 2020 2540 3220 3110 Highest 1 hour 292 281 253 242 253 242 224 236	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 128 99 110 150
Pollutant: Carbon N 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	8536 No. of hours 8495 8320 8515 8439 8526 8556 8561 No. of hours 8558 8061 8483 8552 8429 8489 8489	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 97.7 92.0 96.8 97.7 92.0 96.8 97.4 97.4 97.4 97.4 96.5 96.2 96.2 96.2	<pre>< 10 290 290 370 370 370 460 350 460 </pre>	25 390 380 480 690 580 690 25 13 23 9 11 9 10 10 10	50 530 590 660 580 920 800 920 50 31 40 25 30 22 23 35 39	75 700 830 890 760 1270 1150 1150 1150 1150 75 59 60 49 57 44 46 75 72	90 910 1080 1140 930 1610 1380 1380 1380 87 78 73 80 67 72 107 102	1030 1230 1310 1050 1840 1610 1490 95 104 90 88 94 82 88 125 122	1170 1380 1490 2180 1840 1610 98 125 105 107 111 107 143 147	1270 1490 1640 1330 2410 2070 1840 1840 140 117 120 122 124 122 159 167	mean 514 555 646 574 886 737 836 Geometric mean 26 35 21 24 19 21 25 31	mean 566 635 711 620 985 902 Arithmetic mean 40 43 33 37 30 32 46 48	Highest 1 hour 1620 2020 2540 2540 3220 3110 Highest 1 hour 292 281 253 242 224 230 268 270	8 hour 1505 1864 2181 2050 3438 2559 2514 Highest 24 hour 140 111 128 99 110 150 142
Pollutant: Carbon N 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	8536 No. of hours 8360 8495 8320 8515 8439 8526 8561 No. of hours 8558 8061 8483 8552 8429 8489 7899 8532	97.4 Data capture rate % 97.0 95.0 97.2 96.3 97.3 97.7 Data capture rate % 97.7 92.0 96.8 97.4 97.4 97.6 96.9 90.2 97.4 96.9 90.2 97.1 96.3	<pre>< 10 290 290 370 370 460 350 460 < 10 4 3 4 5 2 5 6 5</pre>	25 390 380 480 690 580 690 25 13 23 9 11 9 10 10 10 17 7 11	50 530 580 920 800 920 50 31 40 25 30 22 23 35 39 929	75 700 830 890 760 1270 1150 1150 1150 1150 75 60 49 57 44 46 75 72 68 59	90 910 1080 1140 930 1610 1380 1380 1380 87 78 87 78 87 78 80 67 72 107 102 99 99 94	1030 1230 1310 1050 1840 1610 1490 95 104 90 88 94 82 88 125 122 121 117	1170 1380 1490 2180 1840 1610 98 125 105 105 105 107 111 107 143	1270 1490 1640 2410 2070 1840 1840 1840 117 120 122 124 122 124 122 159 167 174 182	rrean 514 555 646 574 884 737 836 Geometric mean 26 35 21 24 19 21 25 31 32 25 31 32 26	mean 566 635 711 620 985 845 902 000 Arithmetic mean 40 43 33 37 30 32 46 48 47 41	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 292 281 283 242 224 230 268 270 325 301	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 128 99 110 150 142 142 142 143
Pollutant: Carbon N Staton Tsuen Wan Tsuen Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Staton Central / Western Eastern Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long	8536 No. of hours 8360 8495 83260 8515 8439 8526 8561 No. of hours 8558 8061 8483 8533 8553 8489 8489 7899 8503	97.4 Data capture rate % 95.4 97.0 95.4 97.2 96.3 97.7 97.7 92.0 96.8 97.7 92.0 96.8 97.4 97.6 97.4 97.6 96.2 96.9 90.2 97.1	<pre>< 10 290 290 370 460 370 460 460 </pre>	25 390 380 480 690 580 690 25 13 23 9 11 9 10 10 10 17 7 17	50 530 580 660 920 920 920 50 31 40 25 30 22 23 35 39 39	75 700 830 890 760 1270 1150 1150 1150 75 59 60 49 57 44 46 75 72 68	90 910 1080 1140 930 1610 1380 1380 1380 80 87 78 73 80 67 72 107 102 99	1030 1230 1310 1050 1840 1610 1490 95 104 90 88 94 82 88 94 82 88 125 122 121	1170 1380 1490 2180 1840 1610 98 125 105 107 111 107 107 143 147 149	1270 1490 1640 2410 2070 1840 1840 1840 117 120 122 124 122 124 122 159 167 174	mean 514 546 546 574 884 737 836 Geometric mean 26 35 21 24 19 21 25 31 32	mean 566 635 711 620 985 845 902 Arithmetic mean 40 43 33 37 30 32 46 48 47	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 292 281 242 253 242 242 224 230 268 270 325	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 128 99 110 150 148
Pollutant: Carbon N Staton Tsuen Wan Tsuen Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Staton Central / Western Eastern Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long	8536 No. of hours 8360 8495 83260 8515 8439 8558 8558 8061 8458 8553 8552 8429 8489 7899 8503 8439 8498	97.4 Data capture rate % 95.4 97.0 95.5 97.2 96.3 97.7 97.7 97.7 92.0 96.3 97.7 97.7 92.0 96.9 97.4 97.6 96.9 90.2 97.1 96.3 97.0	 	25 390 380 460 690 580 690 25 13 23 9 10 10 10 10 17 17 17 11 42	50 530 590 660 580 920 800 920 50 31 40 25 30 22 23 35 39 39 39 29 70	75 700 830 760 1270 1150 1150 1150 75 59 60 49 57 44 46 75 72 68 59 106	90 910 1080 1140 930 1610 1380 1380 1380 87 78 87 78 87 78 80 67 72 107 102 99 99 94	1030 1230 1310 1050 1840 1610 1490 95 104 90 88 94 82 88 125 122 121 117	1170 1380 1490 2180 1840 1610 98 125 105 107 111 107 107 143 147 149 147	1270 1490 1640 2410 2070 1840 1840 1840 117 120 122 124 122 124 122 159 167 174 182	rrean 514 555 646 574 884 737 836 Geometric mean 26 35 21 24 19 21 25 31 32 25 31 32 26	mean 566 635 711 620 985 845 902 000 Arithmetic mean 40 43 33 37 30 32 46 48 47 41	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 292 281 283 242 224 230 268 270 325 301	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 128 99 110 150 142 142 142 143
Pollutant: Carbon N 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 Pollutant: Respirab	8536 No. of hours 8360 8495 8320 8515 8439 8558 8061 8483 8558 8061 8483 8533 8558 8429 8489 8429 8429 8429 8439 84599 8459 8459 8459 8459 8459 8459 8459 84	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 97.7 92.0 96.8 97.7 92.0 96.8 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.7 92.0 96.8 97.7 92.0 96.8 97.7 92.0 96.8 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 90.2 96.9 90.2 97.1 90.2 97.1 97.2 96.2 96.2 97.1 97.2 96.2 97.2 97.1 97.2 96.2 97.2 97.2 96.2 97.2 97.2 96.2 97.2 96.2 97.2 97.2 96.2 97.2 97.2 96.2 97.2 97.2 96.2 97.2 97.2 96.2 97.2 97.2 97.2 96.2 97.2 97.2 97.2 96.2 97.2 97.2 97.2 96.2 97.2 97.2 96.2 97.0 97	 290 290 290 370 370 460 350 460 460	25 390 480 480 690 580 690 25 13 23 9 11 9 10 10 17 17 17 11 42 tinuous	50 530 590 580 920 800 920 31 40 25 30 22 23 35 39 929 70 monit	75 700 830 889 760 11270 1150 1150 1150 1150 1150 41 40 75 72 44 46 75 72 88 9 9 106 9 9 106	90 910 1080 1140 930 1610 1380 1380 1380 90 87 78 78 78 73 80 67 72 107 72 107 72 107 99 94 135	1030 1230 1310 1050 1840 1610 1490 95 104 99 90 88 94 94 82 88 125 122 121 117 151	1170 1380 1490 2180 1840 1610 98 125 105 107 111 107 107 143 147 149 147	1270 1490 1640 1330 2410 2070 1840 140 117 120 122 159 167 174 182 186	mean 514 555 646 574 884 737 836 Geometric 19 21 25 31 32 26 62 Geometric	rrean 566 635 711 620 985 845 902 Arithmetic mean 40 43 33 37 30 32 46 48 47 41 76 Arithmetic	Highest 1 hour 1620 2020 2540 2020 3220 3110 Highest 1 hour 292 281 253 242 224 224 224 230 268 270 268 270 268 270 325 301 324 Highest	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 141 126 128 99 110 150 142 148 131 175 Highest
Pollutant: Carbon N Pollutant: Carbon N Tisuen 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 Pollutant: Respirab Station	8536 No. of hours 8360 8495 83260 8495 8495 8439 8558 8561 No. of hours 8558 8061 8433 8552 8429 7899 8439 7899 8439 8459	97.4 Data capture rate % 95.4 97.0 95.7 95.7 97.2 96.3 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.9 97.1 97.1 96.3 97.1 97.1 96.3 97.1 97.1 96.3 97.1 97	 290 290 370 370 460 350 460 460 460 4 4 5 6 5 25 	25 390 480 480 690 25 13 23 9 10 10 10 10 17 17 17 17 17 25	50 530 590 660 580 920 800 920 50 31 40 25 30 22 23 35 39 39 39 29 70	75 700 830 889 760 1270 1150 1150 1150 59 60 49 9 57 44 46 75 72 68 59 106 oring)	90 910 1080 930 1610 1380 1380 1380 87 87 88 87 87 88 80 67 72 107 99 94 135	1030 1230 1310 1050 1840 1610 1490 95 104 90 88 94 82 88 125 122 121 117	1170 1380 1490 2180 1840 1610 98 125 105 107 111 107 107 143 147 149 147	1270 1490 1640 1330 2070 1840 199 140 117 120 122 124 122 124 122 159 167 174 182 186	mean 515 555 646 577 836 6 6 6 6 2 6 2 6 2 1 2 4 19 21 25 31 32 25 31 32 26 62	rrean 566 635 711 620 985 845 902 Arithmetic rrean 40 43 33 37 30 32 46 48 47 41 76	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 281 283 242 224 230 268 270 325 301 324 Highest 1 hour	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 128 99 110 150 142 142 142 143 175
Pollutant: Carbon N Station Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Kwan Tong Sham Shu Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Pollutant: Respirab Station Central / Western	8536 No. of hours 8360 8495 8320 8515 8439 8558 8061 8483 8558 8061 8483 8533 8558 8429 8489 8429 8429 8429 8439 84599 8459 8459 8459 8459 8459 8459 8459 84	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 97.7 92.0 96.8 97.7 92.0 96.8 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.7 92.0 96.8 97.7 92.0 96.8 97.7 92.0 96.8 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 92.0 96.8 97.7 97.7 90.2 96.9 90.2 97.1 90.2 97.1 97.2 96.2 96.2 97.1 97.2 96.2 97.2 97.1 97.2 96.2 97.2 97.2 96.2 97.2 97.2 96.2 97.2 96.2 97.2 97.2 96.2 97.2 97.2 96.2 97.2 97.2 96.2 97.2 97.2 96.2 97.2 97.2 97.2 96.2 97.2 97.2 97.2 96.2 97.2 97.2 97.2 96.2 97.2 97.2 96.2 97.0 97	 10 290 290 370 370 370 460 460 4 3 4 5 2 5 6 5 25 es (Con 	25 390 480 480 690 580 690 25 13 23 9 11 9 10 10 17 17 17 11 42 tinuous	50 530 590 580 920 920 50 31 40 25 30 22 23 35 39 39 29 29 70 monit	75 700 830 889 760 1270 1150 1150 1150 59 60 49 957 44 46 75 72 88 90 60 75 72 859 106	90 910 1080 930 1140 930 1380 1380 1380 87 78 87 78 80 67 73 80 67 72 99 91 102 99 94 135	1030 1230 1310 1050 1840 1610 1490 95 104 99 94 88 94 88 94 82 122 121 117 151	1170 1380 1490 1200 2180 1840 1610 98 125 105 107 107 107 107 107 143 147 149 147 149 98	1270 1490 1640 1330 2410 2070 1840 140 117 120 124 122 124 122 124 159 167 174 182 186	mean 514 555 646 574 884 737 886 36 35 21 19 21 25 31 22 26 62	mean 566 635 711 620 985 845 985 40 43 37 30 32 46 48 47 41 76 Arithmetic mean	Highest 1 hour 1620 2020 2540 2020 3220 3110 Highest 1 hour 292 281 253 242 224 224 224 230 268 270 268 270 268 270 325 301 324 Highest	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 140 111 126 128 99 110 150 142 142 142 142 141 175 Highest 24 hour
Pollutant: Carbon N Pollutant: Carbon N Tsuen Wan Tsuen Wan Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Yuen Long Tap Mun Pollutant: Respirab Station Central / Western Eastern Kuna Tong Chung Chung Chung Chung Chung Chung Central / Western Eastern Kation Central / Western Eastern Central / Western Easter	8536 No. of hours: 8360 8495 8320 8515 8439 8526 8561 No. of hours: 8558 8061 8483 8552 8429 8483 8552 8429 8483 8553 8429 8498 8439 8439 8439 8439 8439 8439 843	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.7 97.7 92.0 96.8 97.7 96.8 97.7 96.8 97.7 96.8 97.7 96.2 96.2 96.3 97.0 96.3 97.0 10.2 10	<pre></pre>	25 390 480 480 580 580 690 25 13 23 9 11 10 10 10 10 17 17 11 42 25 25 22 22 28	50 530 590 660 920 920 920 50 31 40 25 30 25 30 22 33 5 39 929 70 monik 50 41 37 40	75 700 830 890 760 1150 1150 1150 1150 1150 1150 59 60 49 57 59 60 49 57 75 60 85 957 72 68 957 75 60 60 75 63 56 60	90 910 1080 1140 930 1610 1380 1380 1380 87 78 73 80 87 77 87 72 107 72 99 94 135 80 67 72 81	1030 1230 1310 1310 1650 1840 1610 1490 95 95 104 88 84 82 88 88 82 82 122 121 117 151 95 101 89 96	1170 1380 1490 1200 2180 1840 1610 98 125 105 107 111 107 107 107 143 147 149 147 147 149 147 147 128 128 120 121	1270 1490 1640 1330 2410 2070 1840 1840 117 122 124 122 124 122 159 167 174 182 186 167 174 182 159 167 174 182 186	mean 514 555 646 5774 884 737 886 6cometric mean 26 31 32 26 62 Geometric mean 39 35 40	mean 566 635 711 620 985 845 986 43 33 30 32 46 48 47 43 47 43	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 292 281 253 242 230 268 270 325 301 324 Highest 1 hour 223 223 2210	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 128 99 110 150 142 148 131 175 Highest 24 hour 178 184 180
Pollutant: Carbon N Sation Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Kwan Tong Sham Shu Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Pollutant: Respirab Station Central / Western Eastern Kwai Chung Kwai Chung Kwai Chung Kwai Chung Kwai Chung Kwai Chung	8536 No. of hours 8360 8495 8320 8515 8439 8526 8561 No. of hours 8558 8061 8483 8558 8061 8483 8553 8429 8489 8489 8489 8498 8498 8498 8498 8498 8498	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 97.7 97.7 97.7 92.0 96.8 97.4 97.4 97.4 96.2 96.2 96.2 96.2 96.2 96.2 97.1 96.2 96.2 96.2 97.1 96.2 96.2 96.2 97.1 96.2 96.2 96.2 97.1 96.2 96.2 97.2 96.2 96.2 97.4 97.5 97.4 97.4 97.5 96.2 96.2 97.5 97.1 96.2 96.2 97.5 97.1 96.2 96.2 97.5 97.1 96.2 96.2 97.5 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.0 97.1 96.2 97.1 96.2 97.5 97.1 96.2 97.5 97	0 290 290 370 460 350 460 10 4 3 4 5 6 5 25 25 25 26 10 12 4 5 6 5 25 26 10 16 15 19	25 390 480 690 580 690 25 13 23 9 10 10 10 10 10 17 17 17 11 42 tinuous tinuous 25 25 22 28 28	50 530 660 580 800 920 50 31 40 25 33 30 22 23 33 35 39 929 70 * monite 50 41 37 40	75 700 830 830 760 11270 1150 1150 1150 59 60 49 57 44 46 75 75 59 106 59 106 59 63 55 63 57 60 62	90 910 1080 1140 930 1140 1380 1380 1380 80 87 78 80 67 72 107 102 99 94 135 84 77 81 88 84 77 81 82	1030 1230 1310 1050 1840 1610 1490 95 104 90 88 94 88 84 22 121 121 121 121 121 151 95 101 89 96 99 6	1170 1380 1490 1200 2180 1840 1610 98 125 105 107 111 107 143 147 171 149 147 171 98 128 128 120 121 127	1270 1490 1640 1330 22410 1840 99 140 117 120 122 124 122 159 167 174 182 186	mean 514 555 646 574 884 737 836 Geometric mean 26 35 21 24 19 21 25 31 32 26 62	mean 566 635 711 620 985 945 945 945 945 30 32 46 48 47 76 43 47 43 47 43 47 43 47 43 47 48	Highest 1 hour 1 620 2020 2540 2020 3220 3110 Highest 1 hour 292 281 253 242 242 224 230 268 270 325 301 324 Highest 1 hour 223 222 210 226	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 140 140 140 140 140 142 148 131 175 Highest 24 hour 178 184 180 169
Pollutant: Carbon N Sation Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Sham Shu Po Tap Mun Pollutant: Respirab Station Central / Western Eastern Central / Western Eastern Kwai Chung Yuen Long Tap Mun Pollutant: Respirab Station	8536 No. of hours 8360 8495 8350 8515 8439 8558 8061 8483 8558 8061 8483 8533 8558 8061 8483 8533 8552 8429 8489 7899 8439 8439 8439 8503 8439 8503 8439 8514 8558	97.4 Data capture rate % 95.4 97.0 95.4 97.2 96.3 97.7 97.7 97.7 97.7 92.0 96.8 97.4 97.6 97.4 97.6 96.2 96.9 90.2 96.3 97.1 96.3 97.1 96.3 97.1 96.3 97.1 96.3 97.1 96.3 97.2 97.1 96.3 97.2 97.1 96.3 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2	0 10 290 370 460 350 460 460 4 4 10 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	25 390 380 480 690 580 690 580 690 580 690 13 13 23 9 10 10 17 11 10 17 17 11 42 25 25 22 28 8 28 28 26	50 530 580 660 920 800 920 50 31 40 25 30 22 23 35 39 39 29 29 70 50 41 37 40	75 700 830 890 760 1150 1150 75 60 49 57 60 49 57 62 68 59 60 9106 oring) 75 63 57 60 62 60	90 910 1080 1140 930 1610 1380 1380 1380 90 87 78 87 78 87 78 87 78 87 78 87 78 87 78 73 80 67 72 99 94 107 102 99 94 135	1030 1230 1310 1310 1840 95 104 99 90 88 94 82 88 82 82 82 122 121 117 151 101 89 96 96 96 96	1170 1380 1490 1200 2180 1840 1610 105 107 107 107 107 107 107 143 147 149 147 149 128 120 121 127 128	1270 1490 1640 1330 2410 1330 24070 1840 140 117 122 159 167 174 125 167 174 186 186 139 154 152	mean 514 555 646 574 884 737 884 737 36 35 21 28 19 21 25 31 32 26 62 Geometric mean 39 35 40 41 39	mean 566 635 711 625 985 845 985 40 43 33 30 32 46 48 47 43 47 43 47 43 47 43 47 48 47 48 47 48 47 48 47 48 47	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 292 281 253 242 224 234 268 270 325 301 324 Highest 1 hour 222 210 226	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 128 99 110 150 142 148 131 175 Highest 24 hour 178 184 184 184 184 185 186 186 186 186 186 186 186 186
Pollutant: Carbon N 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 Shul Po Sham Shul Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Pollutant: Respirab Station Central / Western Eastern Kwai Chung Kwai Chung Kwai Chung Kwai Chung Kwai Chung Kwai Chung Kwai Chung Kwai Chung	8536 No. of hours 8360 8495 8320 8515 8439 8526 8561 No. of hours 8558 8061 8483 8558 8061 8483 8553 8429 8489 8489 8489 8498 8498 8498 8498 8498 8498	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 97.7 97.7 97.7 92.0 96.8 97.4 97.4 97.4 96.2 96.2 96.2 96.2 96.2 96.2 97.1 96.2 96.2 96.2 97.1 96.2 96.2 96.2 97.1 96.2 96.2 96.2 97.1 96.2 96.2 97.2 96.2 96.2 97.4 97.5 97.4 97.4 97.5 96.2 96.2 97.5 97.1 96.2 96.2 97.5 97.1 96.2 96.2 97.5 97.1 96.2 96.2 97.5 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.0 97.1 96.2 97.1 96.2 97.5 97.1 96.2 97.5 97	0 290 290 370 460 350 460 10 4 3 4 5 6 5 25 25 25 26 10 110 12 12 4 5 6 5 25 25 26 10 16 15 19	25 390 480 690 580 690 25 13 23 9 10 10 10 10 10 17 17 17 11 42 tinuous 25 25 22 22 28 28	50 530 660 580 800 920 50 31 40 25 33 30 22 23 33 35 39 929 70 * monite 50 41 37 40	75 700 830 830 760 11270 1150 1150 1150 59 60 49 57 44 46 75 75 59 106 59 106 59 63 55 63 57 60 62	90 910 1080 1140 930 1140 1380 1380 1380 80 87 78 80 67 72 107 102 99 94 135 84 77 81 88 84 77 81 82	1030 1230 1310 1050 1840 1610 1490 95 104 90 88 94 88 84 22 121 121 121 121 121 151 95 101 89 96 99 6	1170 1380 1490 1200 2180 1840 1610 98 125 105 107 111 107 143 147 171 149 147 171 98 128 128 120 121 127	1270 1490 1640 1330 22410 1840 99 140 117 120 122 124 122 159 167 174 182 186	mean 514 555 646 574 884 737 836 Geometric mean 26 35 21 24 19 21 25 31 32 26 62	mean 566 635 711 620 985 945 945 945 945 30 32 46 48 47 76 43 47 43 47 43 47 43 47 43 47 48	Highest 1 hour 1 620 2020 2540 2020 3220 3110 Highest 1 hour 292 281 253 242 242 224 230 268 270 325 301 324 Highest 1 hour 223 222 210 226	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 140 140 140 140 140 142 148 131 175 Highest 24 hour 178 184 180 169
Pollutant: Carbon N Station Tsuen Wan Tsuen Wan Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Khwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Central / Western Eastern Central / Western Eastern Kuai Chung Kuan Tong Station Central / Western Eastern Kwai Chung Kwai Chung Kwai Chung Kwai Chung Kwai Chung Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po	8536 No. of hours: 8360 8495 8320 8515 8439 8526 8561 8439 8526 8561 8483 8558 8061 8483 8558 8061 8483 8558 8429 8489 8429 8439 8439 8439 8439 8439 8439 8439 843	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.7 97.7 92.0 96.8 97.7 96.8 97.7 96.8 97.7 96.8 97.7 96.2 96.2 96.3 97.0 96.3 97.0 100 100 100 100 100 100 100 1	 290 290 290 370 460 350 460 460	25 390 380 480 690 580 690 580 690 580 690 580 787 713 13 23 9 10 10 17 11 42 25 25 22 28 28 28 28 28 28 28 24 25	50 530 5590 660 920 800 920 920 920 920 920 920 920 920 920 9	75 700 830 880 760 11270 1150 1150 1150 49 59 60 49 57 44 46 75 72 859 106 75 76 859 106 757 60 60 60 60 60 60	90 910 1080 1140 930 1610 1380 1380 90 87 73 80 67 72 107 72 107 72 107 107 99 94 135 90 84 77 81 86 82	1030 1230 1310 1310 1610 1440 95 104 99 94 92 88 82 25 121 121 117 151 95 101 99 96 96 96 96 90 101 97 99	1170 1380 1290 2180 1840 1610 1840 1610 98 125 105 107 111 107 143 147 171 149 147 171 128 129 121 127 128 129 121	1270 1490 2410 2410 2070 1840 107 1840 117 120 122 159 167 174 182 186 167 174 182 186 146 139 147 152 153 142 148	mean 514 555 646 574 884 737 886 6 26 32 24 19 21 25 31 32 26 62 0 39 35 40 41 38 39 33	mean 566 635 711 620 985 845 985 43 33 37 30 32 46 48 47 43 47 43 47 47 43 47 49 45 46	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 281 283 242 224 230 268 270 325 301 324 Highest 1 hour 223 223 222 210 226 226 226 226 226 227 322 220 222 220 222 224 230 225 222 224 230 225 222 224 230 225 222 224 230 225 222 224 230 225 226 227 227 227 228 229 228 229 228 229 228 229 229	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 127 140 111 126 142 141 150 142 142 142 143 150 142 148 131 175 Highest 24 hour 150 160 150 160 150 150 150 150 150 150 150 15
Pollutant: Carbon N 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 Shu Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Pollutant: Respirab Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Shation Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tai Po Tai Po Tan Chung	8536 No. of hours 8360 8495 8515 8439 8526 8561 No. of hours 8558 8061 8483 8558 8061 8483 8553 8429 8489 8489 8489 8489 8439 8459 8459 8556 8568 8567 85788 8578 8578 8578 8578 8578 8578 8578 8578 8578 8	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 97.7 92.0 96.8 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.4 97.6 96.2 96.2 96.2 96.2 97.1 96.2 96.2 96.2 97.1 96.2 96.2 97.2 97.1 96.2 96.2 97.2 97.4 97.4 97.5 97.4 97.5 97.2 97.7 92.2 96.3 97.7 92.2 96.3 97.7 92.2 96.8 97.4 97.4 97.4 97.5 97.4 97.5 97.4 97.5 97.2 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 97.5 97.1 96.2 96.2 97.1 96.2 97.1 96.2 97.5 97.1 96.2 96.2 97.1 96.2 97.5 97.1 96.2 97.5 97.1 96.2 96.2 97.5 97.7 97.7 92.0 96.8 97.4 97.5 97.7 92.0 96.8 97.4 97.5 97.7 92.0 96.8 97.4 97.5 97.5 97.1 96.8 97.5 97.1 96.8 97.5 97.5 97.5 97.5 97.5 97.5 97.7 92.0 96.8 97.0 97.7 92.0 97.0 93.9 97.0 94.2 95.9 97.0 95.8 97.0 97.1 96.8 97.0 97.0 97.1 96.8 97.0 97.0 97.0 97.0 97.0 97.1 96.8 97.0 97.0 97.0 97.1 97.8 97.8 97.8 97.7 97.7 97.8 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.8 97.7 97.8 97.8 97.7 97.8 97.7 97.8 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.8 97.7 97.8 97.8 97.8 97.8 97.8 97.8 97.	 0 290 370 370 360 460 40 4 4 4 5 2 5 6 5 25 5 5 5 5 5 5 6 10 16 17 18 20 16 17 18 20 16 17 15 	25 390 380 480 690 580 690 25 13 23 9 11 9 10 10 10 10 17 17 11 17 142 25 22 28 82 82 82 82 82 82 82 82 82 82 82	50 530 550 660 920 800 920 920 920 920 920 920 920 920 920 9	75 700 830 830 760 760 11270 1150 1150 1150 49 57 59 60 49 57 75 60 49 9 57 75 60 63 57 63 57 60 62 60 64 60 60 66 61	90 910 1080 1140 930 1610 1380 1380 87 87 87 87 87 87 87 87 87 87 87 87 87	1030 1230 1310 1050 1840 1610 1490 95 104 99 88 84 22 88 88 8125 122 121 117 151 95 101 89 96 96 96 96 96 96 96 96 90 101 97 97 9105	1170 1380 2180 1200 2180 1840 1610 1840 1610 107 107 107 107 107 107 107 107 107 1	12700 14900 2410 22070 1840 117 120 122 129 140 117 122 124 122 159 140 117 122 124 122 159 154 167 174 186 139 154 147 152 142 142 142 142 153 142 151	mean 514 554 646 574 884 737 836 Geometric mean 26 31 32 26 62 Geometric mean 39 35 40 39 35 40 39 35 41 38 39 37	mean 566 635 635 711 620 985 945 845 902 Arithmetic mean 40 43 33 37 30 32 46 48 47 76 47 43 47 43 47 43 47 49 45 46 46	Highest 1 hour 1620 2020 2540 2020 3220 3220 3110 Highest 1 hour 292 281 253 242 242 224 230 268 270 325 301 324 223 226 226 226 226 226 226 226	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 128 99 110 150 142 148 131 175 Highest 24 hour 178 184 180 169 193 169 153 169 152
Pollutant: Carbon N Station Tsuen Wan 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 Tap Mun Pollutant: Respirab Station Central / Western Eastern Station Central / Western Eastern Kwai Chung Station Central / Western Eastern Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long	8536 No. of hours 8360 8495 8350 8495 8558 8561 No. of hours 8558 8061 8483 8533 8552 8489 7899 8489 7899 8439 8439 8439 8439 8439 8439 8439 8439 8439 8439 8439 8503 8439 8514 8558 8561 8671 8674 8564 8571 8674 8564 8574 8588 8488	97.4 Data capture rate % 95.4 97.0 95.4 97.0 97.2 96.3 97.3 97.7 92.0 96.8 97.7 92.0 96.8 97.7 92.0 96.8 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.4 97.6 96.2 96.9 90.2 96.3 97.1 96.3 97.2 96.3 97.2 97.1 96.3 97.2 97.2 97.2 97.2 97.3 97.4 97.4 97.2 98.0 99.2 97.2 97.2 97.2 96.3 97.2 97.2 97.4 97.2 98.0 99.2 97.2 97.2 97.4 96.8 99.2 97.2 97.2 96.3 99.2 97.2 97.2 96.3 99.2 97.4 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 97.2 97.4 96.9 97.4 97.4 96.9 97.4 97.4 96.9 97.4 97.4 96.9 97.4 97.4 96.9 97.4 97.4 96.9 97.4 97.4 96.9 97.4 97.4 96.9 97.4 97.4 96.9 97.4 97.4 96.9 97.4 97.4 96.9 97.4 97.4 97.4 96.9 97.4 97.	0 10 290 370 460 350 460 460 4 460 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	25 390 480 690 580 690 580 690 580 690 580 690 13 13 23 9 10 10 17 11 42 25 25 22 28 8 28 28 28 26 28 28 26 28 22 27	50 530 530 660 920 920 920 920 920 920 920 920 920 92	75 700 830 890 1270 1150 1150 1150 1150 49 59 60 49 57 44 46 67 57 26 8 59 106 c 75 59 60 49 57 75 60 60 62 60 60 66 68	90 910 1080 1140 930 1380 90 87 78 78 78 78 78 87 78 87 87 87 78 78	1030 1230 1310 1310 1610 1440 95 104 95 104 95 104 95 104 88 84 88 88 125 121 121 117 151 95 96 96 96 96 96 96 910 97 97 99 9113	1170 1380 1200 2180 1840 1610 98 125 105 107 111 107 143 147 171 149 147 171 128 120 121 121 128 129 121 124 132	1270 1490 2410 2410 2070 1840 117 120 122 124 122 124 122 159 167 174 182 186 139 154 146 139 154 148 151 152 153 154 152 154 152 154 152 154 152 154 155 156 156 156 156 156 156 156 156 156	mean 514 556 646 574 884 737 884 737 36 35 21 9 21 22 33 32 26 6 935 40 41 39 37 38 39 37 43	mean 566 635 711 625 985 845 985 845 33 30 32 46 48 47 43 47 43 47 47 47 47 47 48 47 45 46 46 46 46 46 46 46 46 46 46 46 46 46	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 292 281 253 242 224 268 270 325 301 324 Highest 1 hour 223 226 226 226 200 210 226 207 202 210 225	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 128 99 110 150 142 148 131 175 Highest 24 hour 178 184 180 169 186 183 169 158 166 183
Pollutant: Carbon N 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 Pollutant: Respirab Station Central / Western Eastern Kwai Chung Kauton Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Taup Chung Tay Hung Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tan Po T	8536 No. of hours 8360 8495 8515 8439 8526 8561 No. of hours 8558 8061 8483 8558 8061 8483 8553 8429 8489 8489 8489 8489 8439 8459 8459 8556 8568 8567 85788 8578 8578 8578 8578 8578 8578 8578 8578 8578 8	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 97.7 92.0 96.8 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.4 97.6 96.2 96.2 96.2 96.2 97.1 96.2 96.2 96.2 97.1 96.2 96.2 97.2 97.1 96.2 96.2 97.2 97.4 97.4 97.5 97.4 97.5 97.2 97.7 92.2 96.3 97.7 92.2 96.3 97.7 92.2 96.8 97.4 97.4 97.4 97.5 97.4 97.5 97.4 97.5 97.2 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 96.2 97.1 96.2 97.5 97.1 96.2 96.2 97.1 96.2 97.1 96.2 97.5 97.1 96.2 96.2 97.1 96.2 97.5 97.1 96.2 97.5 97.1 96.2 96.2 97.5 97.7 97.7 92.0 96.8 97.4 97.5 97.7 92.0 96.8 97.4 97.5 97.7 92.0 96.8 97.4 97.5 97.5 97.1 96.8 97.5 97.1 96.8 97.5 97.5 97.5 97.5 97.5 97.5 97.7 92.0 96.8 97.0 97.7 92.0 97.0 93.9 97.0 94.2 95.9 97.0 95.8 97.0 97.1 96.8 97.0 97.0 97.1 96.8 97.0 97.0 97.0 97.0 97.0 97.1 96.8 97.0 97.0 97.0 97.1 97.8 97.8 97.8 97.7 97.7 97.8 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.7 97.7 97.8 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.8 97.7 97.8 97.8 97.7 97.8 97.7 97.8 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.7 97.8 97.8 97.7 97.8 97.8 97.8 97.8 97.8 97.8 97.	 0 290 370 370 360 460 40 4 4 4 4 5 2 5 6 5 25 5 5 5 5 5 5 6 10 16 17 18 20 16 17 18 20 16 17 15 	25 390 380 480 690 580 690 25 13 23 9 11 9 10 10 10 10 17 17 11 17 142 25 22 28 82 82 82 82 82 82 82 82 82 82 82	50 530 550 660 920 800 920 920 920 920 920 920 920 920 920 9	75 700 830 830 760 760 11270 1150 1150 1150 49 57 59 60 49 57 75 60 49 9 57 75 60 63 57 63 57 60 62 60 64 60 60 66 61	90 910 1080 1140 930 1610 1380 1380 87 87 87 87 87 87 87 87 87 87 87 87 87	1030 1230 1310 1050 1840 1610 1490 95 104 99 88 84 22 88 88 8125 122 121 117 151 95 101 89 96 96 96 96 96 96 96 96 90 101 97 97 9105	1170 1380 2180 1200 2180 1840 1610 1840 1610 107 107 107 107 107 107 107 107 107 1	12700 14900 2410 22070 1840 117 120 122 129 140 117 122 124 122 159 140 117 122 124 122 159 154 167 174 186 139 154 147 152 142 142 142 142 153 142 151	mean 514 554 646 574 884 737 836 Geometric mean 26 31 32 26 62 Geometric mean 39 35 40 39 35 40 39 35 41 38 39 37	mean 566 635 635 711 620 985 945 845 902 Arithmetic mean 40 43 33 37 30 32 46 48 47 76 47 43 47 43 47 43 47 49 45 46 46	Highest 1 hour 1620 2020 2540 2020 3220 3220 3110 Highest 1 hour 292 281 253 242 242 224 230 268 270 325 301 324 223 226 226 226 226 226 226 226	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 128 99 110 150 142 148 131 175 Highest 24 hour 178 184 180 169 193 169 153 169 152
Pollutant: Carbon N 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 Tsuen Long Tap Mun Central / Western Eastern Kwai Chung Kuat Tong Station Central / Western Eastern Kwai Chung Kuat Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tsuen Wan Sha Tin Tai Po Tsuen Wan Sha Tin Tai Po Tsuen Quest Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central	8536 No. of hours: 8360 8495 8320 8515 8439 8526 8561 8439 8526 8561 8483 8558 8061 8483 8558 8061 8483 8558 8429 8489 8439 8439 8439 8439 8439 8439 843	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.7 97.7 92.0 96.8 97.7 96.8 97.7 96.8 97.7 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.3 97.0 96.3 97.0 96.3 97.0 96.3 97.0 98.0 99.2 97.6 97.7 98.0 99.2 97.6 97.7 99.2 97.6 97.7 98.0 99.2 97.7 97.6 97.7 97.7 98.0 99.7 97.7 97.0 97.7 97.0 97.0 97.7 97.0 97.7 97.6 97.7 97	 290 290 370 460 350 460 460	25 390 480 690 580 690 580 690 13 13 23 9 10 17 17 11 42 25 25 22 28 28 28 28 28 28 28 24 25 22 22 28 28 26 28 28 26 28 23 30 25 22 23 30 25 22 23 30 25 22 23 23 23 24 25 22 23 23 23 24 25 25 22 25 22 23 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	50 530 5590 660 920 800 920 920 920 920 920 920 920 920 920 9	75 700 830 880 760 11270 1150 1150 1150 1150 49 57 44 46 67 57 63 75 68 59 106 57 63 57 63 57 63 59 60 64 60 66 64 60 66 68 88 59 88 72	90 910 1080 1140 930 1380 90 87 78 78 80 67 78 80 67 78 78 80 67 72 90 94 135 80 67 72 87 80 67 72 80 67 78 80 67 87 80 87 80 87 87 80 87 87 80 87 87 80 87 87 80 87 87 80 87 87 80 80 80 80 80 80 80 80 80 80 80 80 80	1030 1230 1230 1310 1050 1840 1449 95 104 99 0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1170 1380 1490 1200 2180 1840 1610 1840 1610 107 107 107 107 107 107 107 147 147 147 128 128 128 121 127 127 129 121 121 129 121 124 132 29 121 142 124 5 124 5 124 5 124 5 125 5 127 127 127 127 127 127 127 127 127 127	12700 14900 13300 20700 18400 24100 20700 18400 18400 122 159 99 164 164 146 139 154 1452 153 142 153 153 163 156 157 188	mean 514 555 646 574 884 737 884 737 36 62 62 62 62 62 62 62 62 739 35 40 41 38 39 35 40 41 38 39 37 36 64 51	mean 566 635 711 620 985 845 985 845 33 7 40 43 33 30 32 46 48 47 41 76 76 47 43 47 43 46 47 47 43 47 43 47 43 47 43 47 43 47 49 45 46 46 46 46 46 46 41 71 43 51 44 <tr< td=""><td>Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 281 283 242 224 230 268 270 325 301 324 Highest 1 hour 223 223 223 226 226 226 226 226</td><td>8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 130 142 140 150 142 142 142 148 131 175 Highest 24 hour 178 184 180 169 199 158 166 188 186 188 186 188 186 186</td></tr<>	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 281 283 242 224 230 268 270 325 301 324 Highest 1 hour 223 223 223 226 226 226 226 226	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 140 111 126 130 142 140 150 142 142 142 148 131 175 Highest 24 hour 178 184 180 169 199 158 166 188 186 188 186 188 186 186
Pollutant: Carbon N 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 Shu Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Central / Western Eastern Kwai Chung Station Central / Western Eastern Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po Tsuen Wan Sha Tin Tai Po Tsuen Wan	8536 No. of hours 8360 8495 8320 8515 8439 8526 8561 8558 8061 8483 8558 8061 8483 8533 8558 8061 8483 8429 8489 8429 8489 8438 8503 8439 8498 8503 8439 8503 8439 8514 8548 8556 8689 8514 8548 8551 8651 8651 8651 8651 8651 8651 865	97.4 Data capture rate % 95.4 97.0 95.0 97.2 96.3 97.3 97.7 97.7 92.0 96.8 97.7 92.0 96.8 97.4 97.7 92.0 96.8 97.4 97.4 96.2 96.2 96.2 96.2 96.2 96.2 97.1 96.2 96.2 97.1 96.3 97.0 98.8 97.4 97.0 98.9 99.2 97.2 97.2 96.9 97.2 96.9 97.7 92.0 96.2 96.2 96.2 97.2 97.4 97.8 97.4 97.6 97.4 97.6 97.4 97.6 97.4 97.6 97.4 97.6 97.4 97.6 97.4 97.6 97.4 97.6 97.4 97.6 97.4 97.6 97.2 96.9 97.7 97.7 96.9 97.7 96.9 97.7 97.7 96.9 97.7 97.	 0 290 370 370 460 460 4 12 4 4 5 6 5 25 es (Con 10 16 17 19 16 33 	25 390 380 480 690 580 690 25 13 23 9 9 11 9 10 10 17 11 17 11 17 11 7 25 25 22 28 8 26 28 28 26 28 24 25 22 27 23 50	50 530 530 660 920 920 920 920 920 920 920 920 920 92	75 700 830 880 760 1270 1150 1150 1150 1150 59 59 60 49 49 46 60 60 60 60 62 63 57 63 57 60 62 66 64 60 60 64 60 60 61 68 88	90 910 1080 1140 930 1610 1380 1380 1380 87 78 78 78 78 78 78 78 78 78 77 87 77 81 80 67 72 107 102 99 94 50 84 83 84 84 82 82 87 95 910	1030 1230 1310 1310 1050 1840 1610 1490 95 104 99 88 88 81 25 122 121 117 151 151 151 151 151 151 151 151 15	1170 1380 2180 1200 2180 1840 1610 1840 1610 107 113 107 143 107 147 149 147 147 149 147 120 121 127 128 120 121 127 128 129 121 127 128 129 121 127 129 120 120 107 107 107 107 107 107 107 107 107 10	12700 14900 2410 22070 1840 117 120 122 124 140 117 122 124 122 159 122 124 187 188 186 139 154 146 139 154 147 152 153 154 147 152 153 154 151 151 151 151 151 152 153 154 155 157 157 157 157 157 157 157 157 157	mean 514 555 646 574 884 737 886 36 35 21 25 31 22 32 26 32 26 33 34 39 37 43 36 64	mean 566 635 635 711 620 985 845 902 Arithmetic mean 43 33 37 30 22 Arithmetic mean 47 41 76 43 47 43 47 43 47 43 47 43 47 43 47 43 47 48 47 48 47 48 47 48 46 51 44 51 44 71	Highest 1 hour 1620 2020 2540 2090 5520 3220 3110 Highest 1 hour 281 252 281 268 270 268 270 325 301 324 220 268 270 222 21 222 210 225 210 225 195 528	8 hour 1505 1864 2181 2050 3438 2529 2514 Highest 24 hour 111 126 99 110 150 142 148 131 175 178 184 180 169 158 169 158 169 158 169 158 168 148 212

Note:

All concentration units are in micrograms per cubic metre.
 Annual averages calculated from less than 8 representative months are not published.

TABLE C6: 2009 TOTAL WET AND DRY DEPOSITION

(a) WET DEPOSITION

	Monitoring Station	Central / Western	Kwun Tong	Yuen Long
	WET DEPOSITION (TON/HA)	14783	21874	14888
	WEIGHTED MEAN pH (based on volume-weighted mean hydrogen ion concentrations ([H ⁺])	4.48	4.56	4.53
	WEIGHTED MEAN pH (based on volume-weighted mean pH)	4.68	4.82	4.73
	NO. OF SAMPLES	81	101	71
	$\mathbf{NH_4}^+$	4.54	8.81	5.40
	NO ₃	15.98	26.68	17.68
	$SO_4^{=}$	25.64	41.64	21.91
Filtrate	Cľ	26.95	52.57	9.75
(Kg/Ha)	F-	0.40	0.62	0.44
	Na ⁺	15.37	29.00	6.08
	K ⁺	3.61	5.44	3.68
	Formate	3.51	4.65	3.95
	Acetate	2.90	3.94	3.01
	Ca ⁺⁺	3.20	4.78	2.47
	Mg ⁺⁺	2.25	3.63	0.74

(b) DRY DEPOSITION

	Monitoring Station	Central / Western	Kwun Tong	Yuen Long
	NO. OF SAMPLES	19	25	21
	NH4 ⁺	0.45	0.68	0.24
	NO ₃	8.47	13.79	6.89
	$SO_4^{=}$	7.58	8.94	4.48
Filtrate	СГ	10.18	11.76	3.45
(Kg/Ha)	F-	0.092	0.124	0.096
	Na ⁺	6.60	7.68	2.32
	K ⁺	0.49	0.69	0.36
	Formate	0.14	0.16	0.13
	Acetate	0.12	0.16	0.13
	Ca ⁺⁺	4.39	5.80	3.98
	Mg ⁺⁺	0.81	1.05	0.38

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

TABLE C7: 2009 DIURNAL VARIATIONS OF AIR POLLUTANTS

Pollutant: Sulphur	Dioxid	е																						
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 Eastern	14 11	14 11	14 11	14 10	13 10	13 10	13 11	15 13	17 13	18 14	17 13	17 13	16 12	18 12	18 12	21 12	20 13	19 13	19 12	20 13	20 14	18 13	17 12	15 12
Kwai Chung	20	19	18	18	16	15	16	16	17	19	22	22	24	25	26	27	29	28	27	25	23	22	21	20
Kwun Tong	10	10	10	11	10	9	10	11	12	12	12	11	11	12	12	13	12	13	13	12	12	11	11	11
Sham Shui Po	15	13	14	15	14	14	15	16	16	17	16	15	16	16	17 19	17	18	17 20	19	18	17	16	15 14	15
Tsuen Wan Sha Tin	13 10	12	12 9		12	11 8	12 8	13 9	14 11	16 11	17 12	19 11	19 12	19 12	19	19 14	20 14	20	19 15	17 13	16 12	14 12	14	13 10
Tai Po	8	8	7	7	7	7	7	8	10	10	10	10	10	10	10	11	11	11	11	10	9	9	9	8
Tung Chung	12	11	10	12	10	10	10	11	13	15	15	16	17	17	17	17	16	15	13	13	13	13	12	12
Yuen Long	13	12	11	12	11	10	11	12	13	15	15 16	15	15	16	17 12	18	19	18	18	16	15	14	13	13 10
Tap Mun Causeway Bay	10	9	9	11	10	10 7	10 8	11 10	13 11	15 12	10	15 11	14 11	13 11	12	12 10	11 10	11 10	11 10	10 9	10 10	10 9	10 8	8
Central	12	12	11	12	11	10	11	14	18	18	17	16	16	18	17	20	19	19	18	18	17	16	14	13
Mong Kok	17	15	14	13	14	14	16	18	19	20	19	18	18	20	20	21	22	22	22	21	20	19	18	18
Pollutant: Nitroger Station	Hr00	s 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	76	57	49	44	41	39	50	84	117	126	113	98	81	89	92	96	101	106	109	106	103	96	90	84
Kwai Chung	119	84	72	65	63	72	116	165	190	186	154	141	136	133	142	149	157	165	182	174	153	143	140	135
Kwun Tong	93	63	52	48	48	57	104	145	160	152	127	111	103	104	114	121	131	142	148	139	122	112	112	110
Sham Shui Po Tsuen Wan	100 92	68 61	60 52	55 42	54 41	58 48	97 87	137 122	161 152	154 149	132 133	120 124	115 115	117 115	120 119	128 124	136 131	143 139	153 148	149 137	138 122	131 115	125 117	120 110
Sha Tin	82	66	57	47	44	49	71	93	87	70	55	46	42	42	46	50	56	66	81	90	93	92	95	90
Tung Chung	74	57	45	37	37	45	66	82	80	71	69	70	66	64	64	63	64	71	82	88	86	82	81	76
Yuen Long	97	83	74	61	56	62	90	122	110	92	80	73	70	71	73	80	89	97	108	113	109	107	109	110
Tap Mun Causeway Bay	15 272	14 204	13 187	14 166	13 157	14 157	15 231	16 365	17 428	18 427	19 394	16 360	14 337	14 347	13 335	13 353	13 349	14 357	14 385	14 382	15 373	15 366	15 363	15 326
Central	257	183	160	136	132	128	196	326	478	464	410	379	335	348	360	381	392	420	445	417	382	359	336	311
Mong Kok	278	187	171	146	138	139	228	318	361	365	324	306	318	337	349	361	383	405	416	374	333	338	347	341
Pollutant: Nitric O		11.01	11.55		11.4.2	11.0-1			11.00	11.0-1	11.4-1		11.7-	11.7-1		11.4-1		11.2-1	11.7-1	11.2-1	11.00	11.0.1	11.0-1	11.00
Station Central / Western	Hr00 19	Hr01 14	Hr02 12	Hr03 10	Hr04 10	Hr05 9	Hr06 12	Hr07 25	Hr08 41	Hr09 44	Hr10 37	Hr11 29	Hr12 21	Hr13 23	Hr14 23	Hr15 23	Hr16 23	Hr17 24	Hr18 24	Hr19 23	Hr20 24	Hr21 23	Hr22 22	Hr23 21
Kwai Chung	41	26	21	10	10	22	43	25	80	77	58	29 49	44	40	43	23 44	47	24 51	61	23 60	24 51	48	49	47
Kwun Tong	27	16	12	11	12	15	35	55	62	58	45	36	31	30	32	34	37	40	42	40	35	32	33	33
Sham Shui Po	27	17	14	14	14	15	29	48	60	56	44	37	32	31	31	33	35	37	41	41	38	37	35	35
Tsuen Wan Sha Tin	25 25	13 20	11 16		8	10 13	25 22	42 33	57 30	55 21	46 14	40 10	32 9	30 8	30 8	31 8	33 9	36 11	40 15	37 22	32 25	31 27	33 29	31 28
Tung Chung	18	12	8		6	9	18	26	24	19	14	16	9 14	12	0 11	10	9	11	15	17	18	18	19	18
Yuen Long	30	24	22	16	14	17	30	46	38	28	22	18	16	15	15	16	17	19	23	27	28	29	33	35
Tap Mun	2	2	2	2	2	2	2	3	4	4	4	3	3	2	126	2	2	2	2	2	2	2	2	142
Causeway Bay Central	119 109	87 71	79 60	69 50	65 48	65 46	98 79	165 146	199 229	196 215	178 184	157 164	143 137	145 142	136 146	143 156	141 161	146 176	161 191	162 179	160 167	160 158	158 147	142 136
Mong Kok	103	76	68		52	53	96	140	166	166	141	127	129	136	140	146	156	168	176	158	138	143	147	149
Pollutant: Nitroger	n <u>D</u> ioxid	le																						
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 Eastern	46 50	37	32	28 28	26 27	25 30	32 44	47	55 58	58 59	56	53	49	54	57 57	61 61	65	69 69	72 68	70 67	67 66	61 62	56 57	52
Eastern Kwai Chung	50	39	32	_∠0	. 20																			
	50	44	40	36	36	39	51	56 62	67	68	55 66	53 67	51 69	53 72	77	81	67 85	87	89	83	75	70	66	55 63
Kwun Tong	52	39	34	36 30	36 30	39 34	51 51	62 62	67 65	68 63	66 58	67 56	69 56	72 59	77 64	81 69	85 75	87 80	89 83	83 78	75 69	70 63	66 61	63 59
Kwun Tong Sham Shui Po	52 58	39 43	34 38	36 30 34	36 30 33	39 34 35	51 51 52	62 62 64	67 65 69	68 63 68	66 58 65	67 56 64	69 56 65	72 59 69	77 64 72	81 69 78	85 75 82	87 80 86	89 83 90	83 78 87	75 69 80	70 63 75	66 61 71	63 59 67
Kwun Tong Sham Shui Po Tsuen Wan	52 58 54	39 43 41	34 38 35	36 30 34 30	36 30 33 29	39 34 35 32	51 51 52 48	62 62 64 58	67 65 69 64	68 63 68 64	66 58 65 63	67 56 64 64	69 56 65 65	72 59 69 69	77 64 72 73	81 69 78 76	85 75 82 80	87 80 86 84	89 83 90 87	83 78 87 80	75 69 80 73	70 63 75 68	66 61 71 66	63 59 67 62
Kwun Tong Sham Shui Po Tsuen Wan Sha Tin	52 58 54 43	39 43 41 36	34 38 35 32	36 30 34 30 28	36 30 33 29 27	39 34 35 32 29	51 51 52 48 37	62 62 64 58 43	67 65 69 64 42	68 63 68 64 38	66 58 65 63 34	67 56 64 64 30	69 56 65 65 29	72 59 69 69 30	77 64 72 73 34	81 69 78 76 37	85 75 82 80 43	87 80 86 84 50	89 83 90 87 57	83 78 87 80 57	75 69 80 73 54	70 63 75 68 52	66 61 71 66 50	63 59 67 62 47
Kwun Tong Sham Shui Po Tsuen Wan	52 58 54	39 43 41	34 38 35	36 30 34 30 28 31	36 30 33 29	39 34 35 32	51 51 52 48	62 62 64 58	67 65 69 64	68 63 68 64	66 58 65 63	67 56 64 64	69 56 65 65	72 59 69 69	77 64 72 73	81 69 78 76	85 75 82 80	87 80 86 84	89 83 90 87	83 78 87 80	75 69 80 73	70 63 75 68	66 61 71 66	63 59 67 62 47 50
Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long	52 58 54 43 46 46 51	39 43 41 36 39 39 46	34 38 35 32 34 33 41	36 30 34 30 28 31 28 31 28 36	36 30 29 27 31 27 35	39 34 35 32 29 33 31 36	51 52 48 37 41 39 43	62 62 64 58 43 48 43 52	67 65 69 64 42 47 43 51	68 63 64 38 42 42 49	66 58 65 63 34 37 43 46	67 56 64 30 34 45 45	69 56 65 29 34 45 46	72 59 69 30 36 46 48	77 64 72 73 34 38 47 51	81 69 78 76 37 42 47 56	85 75 82 80 43 49 49 63	87 80 86 84 50 58 55 68	89 83 90 87 57 66 60 73	83 78 87 80 57 64 61 72	75 69 80 73 54 60 58 67	70 63 75 68 52 55 55 55 62	66 61 71 66 50 53 52 59	63 59 67 62 47 50 49 57
Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun	52 58 54 43 46 46 46 51 11	39 43 41 36 39 39 46 11	34 38 35 32 34 33 41 10	36 30 34 30 28 31 28 31 28 36 10	36 30 29 27 31 27 35 35 10	39 34 35 32 29 33 31 36 10	51 52 48 37 41 39 43 11	62 62 64 58 43 48 43 52 11	67 65 69 64 42 47 43 51 12	68 63 68 64 38 42 42 42 49 13	66 58 65 63 34 37 43 46 13	67 56 64 30 34 45 45 12	69 56 65 29 34 45 46 10	72 59 69 30 36 46 48 10	77 64 72 73 34 38 47 51 9	81 69 78 76 37 42 47 56 9	85 75 82 80 43 49 49 63 10	87 80 86 84 50 58 55 68 11	89 83 90 87 57 66 60 73 11	83 78 87 80 57 64 61 72 12	75 69 80 73 54 60 58 67 12	70 63 75 68 52 55 55 62 12	66 61 71 66 50 53 52 59 12	63 59 67 62 47 50 49 57 12
Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long	52 58 54 43 46 46 51	39 43 41 36 39 39 46	34 38 35 32 34 33 41	36 30 34 30 28 31 28 31 28 36	36 30 29 27 31 27 35	39 34 35 32 29 33 31 36	51 52 48 37 41 39 43	62 62 64 58 43 48 43 52	67 65 69 64 42 47 43 51	68 63 64 38 42 42 49	66 58 65 63 34 37 43 46	67 56 64 30 34 45 45	69 56 65 29 34 45 46	72 59 69 30 36 46 48	77 64 72 73 34 38 47 51	81 69 78 76 37 42 47 56	85 75 82 80 43 49 49 63	87 80 86 84 50 58 55 68	89 83 90 87 57 66 60 73	83 78 87 80 57 64 61 72	75 69 80 73 54 60 58 67	70 63 75 68 52 55 55 55 62	66 61 71 66 50 53 52 59	63 59 67 62 47 50 49 57
Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay	52 58 54 43 46 46 51 51 11 90	39 43 41 36 39 39 46 11 72	34 38 35 32 34 33 41 10 66	36 30 34 30 28 31 28 36 36 10 60	36 30 29 27 31 27 35 10 58	39 34 35 32 29 33 31 36 10 58	51 52 48 37 41 39 43 43 11 82	62 64 58 43 48 43 52 11 113	67 65 69 64 42 47 43 51 12 124	68 63 64 38 42 42 49 13 128	66 58 65 63 34 37 43 43 46 13 122	67 56 64 64 30 34 45 45 12 120	69 56 65 29 34 45 46 10 118	72 59 69 30 36 46 48 10 125	77 64 72 73 34 38 47 51 9 127	81 69 78 76 37 42 47 56 9 134	85 75 82 80 43 49 49 63 63 10 134	87 80 86 84 50 58 55 68 11 134	89 83 90 87 57 66 60 73 11 139	83 78 87 80 57 64 61 72 12 135	75 69 80 73 54 60 58 67 12 127	70 63 75 68 52 55 55 62 12 121	66 61 71 66 50 53 52 59 12 121	63 59 67 62 47 50 49 57 12 109 104
Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central	52 58 54 43 46 46 51 11 90 90	39 43 41 36 39 39 39 46 11 72 74	34 38 35 32 34 33 41 10 66 68	36 30 34 30 28 31 28 36 36 10 60 60	36 30 29 27 31 27 35 10 58 59	39 34 35 32 29 33 31 36 10 58 57	51 51 52 48 37 41 39 43 43 11 82 76	62 62 64 58 43 48 43 52 11 113 103	67 65 69 64 42 47 43 51 12 124 129	68 63 64 38 42 42 49 13 128 134	66 58 63 34 37 43 46 13 122 129	67 56 64 64 30 34 45 45 12 120 129	69 56 65 29 34 45 46 10 118 125	72 59 69 30 36 46 48 10 125 130	77 64 72 73 34 38 47 51 9 127 137	81 69 78 76 37 42 47 56 9 134 143	85 75 82 80 43 49 49 63 10 134 145	87 80 86 84 50 58 55 68 11 134 150	89 83 90 87 57 66 60 73 11 139 153	83 78 87 80 57 64 61 72 12 135 143	75 69 80 73 54 60 58 67 12 127 126	70 63 75 68 52 55 55 62 12 121 118	66 61 71 66 50 53 52 59 12 121 111	63 59 67 62 47 50 49 57 12 109 104
Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon	52 58 54 43 46 51 11 90 90 95 Monox	39 43 41 36 39 39 46 11 72 74 74 71	34 38 35 32 34 33 41 10 66 68 66	36 30 34 30 28 31 28 36 10 60 60 60	36 30 33 29 27 31 27 35 10 58 59 58 58	39 34 35 32 29 33 31 36 10 58 57 59	51 51 52 48 37 41 39 43 11 82 76 81	62 64 58 43 48 43 52 11 113 103 99	67 65 69 64 42 47 43 51 12 124 129 107	68 63 68 64 38 42 42 49 13 128 134 112	66 58 63 34 37 43 46 13 122 129 109	67 56 64 64 30 34 45 45 12 120 129 112	69 56 65 29 34 45 46 10 118 125 121	72 59 69 30 36 46 48 10 125 130 129	77 64 72 73 34 38 47 51 9 127 137 135	81 69 78 76 37 42 47 56 9 134 143 139	85 75 82 80 43 49 49 63 10 134 145 144	87 80 86 84 50 58 55 68 11 134 150 148	89 83 90 87 57 66 60 73 11 139 153 147	83 78 87 80 57 64 61 72 12 12 135 143 133	75 69 80 73 54 60 58 67 12 127 126 122	70 63 75 68 52 55 62 12 121 118 119	66 61 71 66 50 53 52 59 12 121 111 118	63 59 67 62 47 50 49 57 12 109 104 113
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	52 58 54 43 46 46 51 11 90 90 95 Monox Hr00	39 43 41 36 39 39 46 11 72 74 71 6 de	34 38 35 32 34 33 41 10 66 68 66 Hr02	36 30 34 30 28 31 28 36 10 60 60 60 60	36 30 33 29 27 31 27 35 10 58 59 58 58 Hr04	39 34 35 32 29 33 31 36 10 58 57 59 Hr05	51 52 48 37 41 39 43 11 82 76 81 Hr06	62 62 64 58 43 48 43 52 11 113 103 99 Hr07	67 65 69 64 42 47 43 51 12 124 129 107 Hr08	68 63 68 64 38 42 42 49 13 128 134 112 Hr09	66 58 65 63 34 37 43 46 13 122 129 109 Hr10	67 56 64 64 30 34 45 45 12 120 129 112 Hr11	69 56 65 29 34 45 46 10 118 125 121 Hr12	72 59 69 30 36 46 48 10 125 130 129 Hr13	77 64 72 73 34 38 47 51 9 127 137 135 Hr14	81 69 78 76 37 42 47 56 9 134 143 139 Hr15	85 75 82 80 43 49 49 63 10 134 145 144 Hr16	87 80 86 84 50 58 55 68 11 134 150 148 Hr17	89 83 90 87 57 66 60 73 11 139 153 147 Hr18	83 78 87 80 57 64 61 72 12 135 143 133 133	75 69 80 73 54 60 58 67 12 127 126 122 Hr20	70 63 75 68 52 55 62 121 121 118 119 Hr21	66 61 71 66 50 53 52 59 12 121 111 118 Hr22	63 59 67 62 47 50 49 57 12 109 104 113 Hr23
Kwun Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon	52 58 54 43 46 51 11 90 90 95 Monox	39 43 41 36 39 39 46 11 72 74 74 71	34 38 35 32 34 33 41 10 66 68 66	36 30 34 30 28 31 28 36 10 60 60 60	36 30 33 29 27 31 27 35 10 58 59 58 58	39 34 35 32 29 33 31 36 10 58 57 59	51 51 52 48 37 41 39 43 11 82 76 81	62 64 58 43 48 43 52 11 113 103 99	67 65 69 64 42 47 43 51 12 124 129 107	68 63 68 64 38 42 42 49 13 128 134 112	66 58 63 34 37 43 46 13 122 129 109	67 56 64 64 30 34 45 45 12 120 129 112	69 56 65 29 34 45 46 10 118 125 121	72 59 69 30 36 46 48 10 125 130 129	77 64 72 73 34 38 47 51 9 127 137 135	81 69 78 76 37 42 47 56 9 134 143 139	85 75 82 80 43 49 49 63 10 134 145 144	87 80 86 84 50 58 55 68 11 134 150 148	89 83 90 87 57 66 60 73 11 139 153 147	83 78 87 80 57 64 61 72 12 12 135 143 133	75 69 80 73 54 60 58 67 12 127 126 122	70 63 75 68 52 55 62 12 121 118 119	66 61 71 66 50 53 52 59 12 121 111 118	63 59 67 62 47 50 49 57 12 109 104 113
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	52 58 54 46 46 51 11 90 90 95 95 Monox Hr00 540 630 760	39 43 41 36 39 39 46 11 72 74 71 74 71 620 620 710	34 38 35 32 34 33 41 10 66 68 66 66 Hr02 470 610 680	36 30 34 30 28 31 28 36 10 60 60 60 60 60 60 60 650	36 30 33 29 27 31 27 35 10 58 59 58 58 Hr04 440 600 630	39 34 35 32 29 33 31 10 58 57 59 Hr05 460 600 630	51 51 52 48 37 41 39 9 43 11 82 76 81 Hr06 550 610 690	62 64 58 43 43 52 11 113 103 99 Hr07 610 630 780	67 65 69 64 42 47 43 51 12 124 129 107 Hr08 650 640 760	68 63 64 38 42 42 49 13 128 134 112 112 Hr09 620 640 720	66 58 65 63 34 37 43 46 13 122 129 109 109 Hr10 600 650 680	67 56 64 30 34 45 12 120 129 112 120 129 112 Hr11 560 650 650	69 56 65 29 34 45 46 10 118 125 121 Hr12 550 640 650	72 59 69 30 36 46 48 10 125 130 129 Hr13 550 640 650	77 64 72 73 34 47 51 9 127 137 135 Hr14 550 650 640	81 69 78 76 37 42 47 56 9 134 143 139 Hr15 550 640 660	85 75 82 80 43 49 49 63 10 134 145 144 Hr16 560 630 680	87 80 86 84 55 55 68 11 134 150 148 Hr17 580 640 700	89 83 90 87 57 66 60 00 73 11 139 153 147 Hr18 630 650 750	83 78 87 80 57 64 61 72 12 135 143 133 133 133 133 133	75 69 80 73 54 60 58 67 12 127 126 122 127 126 122 Hr20 650 670 800	70 63 75 68 52 55 55 62 12 121 118 119 Hr21 640 660 790	66 61 71 66 50 53 52 59 12 121 111 111 118 Hr22 630 660 800	63 59 67 62 47 50 49 57 12 109 104 113 113 Hr23 600 650 790
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	52 58 54 43 46 51 111 90 90 90 95 Monox Hr00 630 760 600	39 43 41 36 39 46 11 72 74 71 74 71 600 710 600	34 38 35 32 34 33 41 10 66 68 66 66 Hr02 470 610 680 600	36 30 28 31 28 36 10 60 60 60 Hr03 440 600 650 600	36 30 33 29 27 31 27 35 10 58 59 58 58 58 58 58 58 600 600	39 34 35 32 29 33 31 36 10 58 57 59 Hr05 460 600 630 610	51 51 52 48 37 41 41 41 41 41 82 76 81 81 Hr06 550 610 690 620	62 64 58 43 48 43 52 11 113 103 99 99 Hr07 610 630 630	67 65 69 64 42 47 43 51 12 124 129 107 Hr08 650 640 760 630	68 63 64 38 42 42 49 13 128 134 112 Hr09 620 640 640 650	66 58 65 63 34 37 43 46 13 122 129 109 Hr10 600 650 680 650	67 56 64 64 30 34 45 12 120 129 112 112 112 112 650 650 650 650	69 56 65 29 34 45 46 10 118 125 121 Hr12 550 640 650 640	72 59 69 30 36 46 48 10 125 130 129 Hr13 550 640 650 630	77 64 72 73 34 47 51 9 127 137 135 Hr14 550 650 640 620	81 69 76 37 42 47 56 9 134 143 139 Hr15 550 640 660 620	85 75 82 80 43 49 49 63 10 134 145 144 Hr16 560 630 680 620	87 80 86 84 50 58 55 56 88 11 134 150 148 Hr17 580 640 700 620	89 83 90 87 57 57 66 60 73 11 139 153 147 Hr18 630 650 650 620	83 78 87 80 57 64 61 72 12 135 143 133 133 133 133 670 660 790 620	75 69 80 73 54 60 58 67 12 127 126 122 127 126 122 122 122 650 650 670 800 620	70 63 75 68 55 55 62 12 121 118 119 Hr21 640 660 790 610	66 61 71 66 50 52 59 12 121 111 118 Hr22 630 660 800 600	633 599 67 62 47 50 49 57 72 109 104 113 109 104 113 600 650 650 790 600
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	52 58 54 46 46 51 11 90 90 95 95 Monox Hr00 540 630 760	39 43 41 36 39 39 46 11 72 74 71 74 71 620 620 710	34 38 35 32 34 33 41 10 66 68 66 66 Hr02 470 610 680	36 30 34 30 28 31 28 36 10 60 60 60 60 60 60 60 650	36 30 33 29 27 31 27 35 10 58 59 58 58 Hr04 440 600 630	39 34 35 32 29 33 31 10 58 57 59 Hr05 460 600 630	51 51 52 48 37 41 39 9 43 11 82 76 81 Hr06 550 610 690	62 64 58 43 43 52 11 113 103 99 Hr07 610 630 780	67 65 69 64 42 47 43 51 12 124 129 107 Hr08 650 640 760	68 63 64 38 42 42 49 13 128 134 112 112 Hr09 620 640 720	66 58 65 63 34 37 43 46 13 122 129 109 109 Hr10 600 650 680	67 56 64 30 34 45 12 120 129 112 120 129 112 Hr11 560 650 650	69 56 65 29 34 45 46 10 118 125 121 Hr12 550 640 650	72 59 69 30 36 46 48 10 125 130 129 Hr13 550 640 650	77 64 72 73 34 47 51 9 127 137 135 Hr14 550 650 640	81 69 78 76 37 42 47 56 9 134 143 139 Hr15 550 640 660	85 75 82 80 43 49 49 63 10 134 145 144 Hr16 560 630 680	87 80 86 84 55 55 68 11 134 150 148 Hr17 580 640 700	89 83 90 87 57 66 60 00 73 11 139 153 147 Hr18 630 650 750	83 78 87 80 57 64 61 72 12 135 143 133 133 133 133 133	75 69 80 73 54 60 58 67 12 127 126 122 127 126 122 Hr20 650 670 800	70 63 75 68 52 55 55 62 12 121 118 119 Hr21 640 660 790	66 61 71 66 50 53 52 59 12 121 111 111 118 Hr22 630 660 800	63 59 67 62 47 50 49 57 12 109 104 113 Hr23 600 650
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	52 58 54 46 51 11 90 90 95 95 Monox Hr00 540 630 760 600 1120	39 43 41 36 39 39 46 11 72 74 71 71 ide Hr01 490 620 710 600 1210	34 38 35 32 34 33 41 100 666 688 666 Hr02 470 610 680 600 1130	36 30 34 31 28 31 28 36 10 60 60 60 60 60 60 600 650 600 1030	36 30 33 29 27 31 10 58 59 58 58 58 Hr04 440 600 630 600 950	39 34 35 32 29 33 31 36 10 58 57 59 Hr05 460 600 630 610 910	51 51 52 48 37 41 41 39 43 43 11 82 76 81 81 Hr06 550 610 690 620 780	62 62 64 58 43 48 43 52 11 113 103 99 Hr07 610 630 780 630 780 780	67 65 69 64 42 47 43 51 12 124 129 107 Hr08 650 640 760 630 880	68 63 64 38 42 42 49 13 128 134 112 Hr09 620 640 720 650 930	66 58 65 33 43 122 129 109 Hr10 600 650 680 650 1030	67 56 64 64 30 34 45 12 120 129 112 129 112 112 112 650 650 650 650 980	69 56 65 29 34 45 46 10 118 125 121 Hr12 550 640 650 640 980	72 59 69 30 36 46 48 10 125 130 129 Hr13 550 640 650 630 1000	77 64 72 73 34 38 47 51 9 127 137 135 Hr14 550 650 640 620 940	81 69 78 76 37 42 47 56 9 134 143 139 Hr15 550 640 660 660 620 950	85 75 82 80 43 49 63 10 134 145 144 Hr16 560 630 680 680 620 920	87 80 86 84 50 58 55 68 11 134 150 148 Hr17 580 640 700 620 890	89 83 90 87 57 66 60 73 11 139 153 147 Hr18 630 650 750 620 970	83 78 87 80 57 64 61 72 12 135 143 133 133 133 133 Hr19 670 660 790 620 1060	75 69 80 73 54 60 58 67 12 127 126 122 127 126 122 Hr20 650 650 650 650 620 1100	70 63 75 68 52 55 55 62 12 121 118 119 Hr21 640 660 790 610 1070	66 61 71 66 50 53 52 59 12 121 111 111 118 Hr22 630 660 800 800 000 1010	63359 6762 6247 500 49957 12 1099104 113 6000 6500 6500 7900 6000 10100
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	52 58 54 46 51 11 90 90 95 Monox 630 760 630 760 640 840	39 43 41 36 39 39 46 11 72 74 71 71 74 71 71 620 710 620 710 620 710 620 710	34 38 35 32 34 33 41 10 66 68 66 66 Hr02 470 610 680 600 01130 620	36 30 34 30 28 31 28 36 10 60 60 60 60 60 60 60 60 600 600 650 600 650 600 000 550	36 30 33 29 27 31 27 35 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 50 50 600 600 600 600 600 600 530 50 50 50 50 50 50 50 50 50 50 50 50 50	39 34 35 32 29 33 31 36 10 58 57 59 Hr05 460 600 630 610 910 510	51 51 52 48 37 41 39 43 11 82 76 81 81 81 81 610 610 620 620 780 570	62 62 64 58 43 48 43 52 11 113 103 99 99 Hr07 610 630 780 630 780 690	67 65 69 64 42 77 43 51 12 124 129 107 107 107 600 640 640 640 630 880 880	68 63 64 38 42 42 42 49 13 128 134 112 Hr09 620 640 720 640 720 930 950	666 588 633 443 461 133 1222 129 109 Hr10 600 650 680 680 650 1030 980	67 56 64 30 34 45 12 120 129 112 129 112 129 112 129 560 650 650 650 650 650 980 900	69 56 65 29 34 45 125 121 Hr12 550 640 650 640 980 860	72 59 69 300 36 46 48 10 125 130 129 Hr13 550 640 650 630 1000 930	77 64 72 73 34 38 47 51 9 127 137 137 135 Hr14 550 650 650 640 620 940 920	81 69 78 37 42 47 56 9 134 143 139 Hr15 550 640 660 640 660 620 950 930	85 75 82 80 43 49 49 63 10 134 145 144 144 144 560 630 630 620 920 880	87 80 86 84 55 68 11 134 150 148 Hr17 580 640 700 620 890 930	89 83 90 87 57 66 60 73 11 139 153 147 Hr18 630 650 750 620 970 990	83 78 87 80 57 64 61 72 135 143 133 133 133 133 133 660 790 660 790 660 790 620 1060 990	75 69 80 73 54 60 58 67 127 126 122 127 126 122 122 122 122 122 122 122 122 122	70 63 75 68 52 55 62 12 121 118 119 Hr21 640 660 790 610 1070 1130	66 61 71 66 50 53 52 59 12 121 111 118 Hr22 630 660 600 1010 1030	63359 59967 6247 50049 57712 1099 104 113 6000 6500 7900 6500 7900 10100 9400
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	52 58 54 43 46 51 11 90 90 90 95 90 95 90 95 90 95 90 630 760 630 760 630 760 840 930	39 43 41 36 39 39 46 11 72 74 71 74 71 71 600 620 710 620 710 620 710 1210 710 1010	344 38 35 32 34 33 41 100 66 68 86 66 60 610 610 610 680 600 01130 620 950	36 30 34 30 28 31 28 36 10 60 60 60 60 60 60 60 60 0 60 0 840	36 30 33 29 27 31 27 35 10 58 59 58 59 58 58 58 600 600 630 600 630 850	39 34 35 29 33 31 58 57 59 460 600 600 600 610 910 510 800	51 51 52 48 37 41 39 43 11 82 76 81 550 610 620 550 610 620 770 770	62 62 64 58 43 52 111 113 103 99 99 99 99 99 610 630 780 630 780 630 780 690 790	67 65 69 64 42 47 12 124 129 107 107 107 640 650 640 630 880 830	68 63 68 64 38 42 42 49 13 128 128 134 112 112 112 620 620 640 720 650 930 950 890	66 58 65 33 43 77 43 122 129 109 109 600 650 650 650 650 650 650 850 850	67 56 64 30 34 45 12 120 129 112 129 112 129 112 560 650 650 650 650 650 980 980 980	69 56 65 29 34 45 125 121 Hr12 550 640 640 640 640 860 860	72 59 69 30 36 46 125 130 129 Hr13 550 640 650 640 650 630 000 930 890	77 64 73 34 38 47 51 9 9 127 137 135 650 650 650 650 640 940 920 910	81 69 78 76 37 42 47 56 9 9 134 143 139 Hr15 550 640 660 620 620 950 950 950	85 75 82 80 43 49 49 49 49 49 49 49 49 563 633 633 630 630 630 680 620 920 880 920	87 80 86 55 58 55 56 88 11 134 150 148 11 134 150 640 640 640 620 620 930 920	89 83 90 87 57 66 60 11 139 153 147 153 147 153 147 650 650 650 650 620 990 990	83 78 80 57 64 61 135 143 133 133 133 133 133 670 660 790 620 1060 990 1030	75 69 80 58 67 12 127 126 122 Hr20 650 650 670 620 1100 1020	70 63 75 68 52 55 62 121 121 121 121 121 121 118 118 119 119 640 660 790 610 0790 1130 1000	66 61 71 66 50 53 52 12 121 111 118 Hr22 630 660 800 600 600 1010 1030 940	633 59 67 62 47 50 49 57 12 109 104 113 600 650 790 650 790 600 1010 940 900
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 Tsuen Wan Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station	52 58 54 43 46 6 51 11 11 90 90 90 95 540 630 760 630 760 630 760 0 930	39 43 41 36 39 39 46 11 72 74 71 490 620 710 620 710 0210 710 1210 710 1010	34 38 35 32 34 33 41 10 66 68 66 68 66 60 600 610 610 610 610 620 950 Hr02	36 30 34 30 28 31 28 36 10 60 60 60 60 60 60 60 650 650 840 840	36 30 33 29 27 31 27 35 59 58 59 58 59 58 58 58 630 630 630 630 630 630 630 630 630 630	39 34 35 32 29 33 31 36 58 57 59 460 600 600 600 610 910 510 800	51 51 52 48 37 41 39 43 11 82 76 81 81 60 60 610 690 620 780 770 770 Hr06	62 62 64 43 43 43 52 11 113 03 99 Hr07 610 630 630 630 630 630 630 630 630 630 63	67 65 69 64 42 47 12 124 129 107 107 107 107 650 650 650 640 760 630 880 830 830	66 63 68 64 42 42 49 13 128 134 112 128 134 112 128 620 640 720 640 930 950 890	66 58 65 334 37 43 37 43 122 129 109 109 109 650 680 650 680 650 680 850	67 56 64 30 34 45 12 120 129 112 129 112 129 112 120 650 650 650 650 650 850 850	69 56 65 29 34 45 121 118 125 121 121 Hr12 550 640 650 640 650 640 880 860 860	72 59 69 30 36 46 48 48 10 125 130 129 129 129 129 640 650 640 650 630 1000 930 890	77 64 72 73 34 38 47 51 9 9 127 137 137 137 137 137 137 137 650 650 650 640 620 940 920 920	81 69 78 77 76 37 42 47 47 55 55 550 640 640 660 620 930 9900 Hr15	85 75 82 80 43 49 49 63 10 134 145 144 H16 630 680 680 680 680 620 920 920 920	87 80 86 88 44 50 58 55 55 56 88 11 134 150 150 150 640 640 640 620 620 930 920	89 83 90 87 57 66 60 73 11 139 153 153 153 153 153 153 153 153 650 650 650 650 650 990 990 990	83 78 87 80 57 64 61 72 135 143 143 143 133 133 670 660 660 660 620 1060 990 1030	75 69 80 73 54 60 58 67 12 127 126 122 122 122 122 122 122 122 122 122	70 63 75 68 52 55 62 121 111 118 119 640 660 670 0790 01070 1130 1000 Hr21	66 61 71 66 50 53 52 59 12 121 111 118 Hr22 630 660 800 600 800 1010 1030 940 Hr22	63 59 67 62 47 50 49 57 72 109 104 113 109 104 113 600 650 790 600 1010 940 940 940
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 Catalon Central / Western	52 58 54 43 46 46 51 111 90 90 90 90 95 95 40 630 630 630 01120 840 930 1120 840 930	39 43 41 36 39 39 46 11 72 74 71 60 600 710 600 710 600 1210 710 1010	34 38 35 32 34 33 41 10 66 68 66 66 60 610 600 600 600 600 61130 620 950 Hr02 46	36 30 28 31 28 36 60 60 60 60 60 60 60 60 60 60 0 1030 550 840 840	36 30 33 29 27 31 27 35 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 58 59 59 58 59 58 59 59 58 59 59 58 59 59 59 59 59 58 59 59 59 59 59 59 59 59 59 59 59 59 58 59 59 59 58 58 59 59 58 58 59 58 58 58 59 58 58 58 59 58 58 58 58 58 58 58 58 58 58 58 58 58	39 34 35 32 29 33 31 36 57 59 460 600 600 600 600 630 610 910 510 800	51 51 52 48 37 41 39 43 11 82 76 550 610 690 690 690 690 690 770 770 970 770	62 62 64 43 48 43 52 52 111 113 103 99 99 Hr07 610 630 630 630 630 780 690 790 Hr07 727	67 65 69 64 42 47 7 3 51 12 124 129 107 107 107 107 650 640 640 630 880 830 830 830	68 63 68 64 42 42 49 13 128 128 134 112 Hr09 620 640 720 640 720 650 890 950 890	66 58 65 34 37 122 129 109 109 109 109 109 109 109 109 109 10	67 56 64 430 34 45 45 120 120 120 129 112 120 129 112 120 650 650 650 650 980 980 980 980 980 980	69 56 65 29 34 45 46 10 118 125 121 121 121 121 121 550 640 650 650 640 860 860 860 860	72 59 69 30 36 46 48 10 125 130 125 130 129 47 550 640 650 630 1000 930 890 Hr13 54	77 64 72 73 34 38 47 51 9 9 127 135 135 135 135 650 650 650 640 620 990 920 910	81 69 76 37 42 47 56 9 9 134 134 133 139 Hr15 550 640 660 620 950 950 950 950 950 950	85 75 82 80 43 49 49 63 10 134 145 144 145 144 145 630 630 620 620 920 880 920	87 80 86 84 55 55 55 56 8 11 134 150 148 148 148 640 620 890 930 920	89 83 90 87 57 66 60 73 139 153 147 147 650 650 650 650 620 970 990 990 990	83 78 87 80 57 64 61 72 12 12 135 64 143 133 133 133 133 133 133 133 133 13	75 69 80 73 54 60 58 67 12 127 122 122 122 122 122 122 122 122	70 63 75 68 55 62 121 111 118 119 Hr21 640 660 660 660 610 1070 1130 1000	66 61 71 66 50 53 52 59 12 121 111 118 Hr22 630 660 1010 1030 940 Hr22 33	63 59 67 62 47 50 49 95 77 12 109 104 113 109 104 113 600 650 650 650 650 650 650 900 900 900
Kwun Tong Sham Shui Po Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Taye Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung	52 58 54 43 46 46 51 11 11 90 90 90 90 90 90 90 90 540 630 630 630 630 930 840 930	39 43 41 36 39 39 46 11 72 74 71 490 620 710 620 710 0210 710 12100 710 1010	34 38 35 32 34 33 41 10 66 68 66 66 66 60 610 600 610 620 950 950 Hr02 46 6 49 940	36 30 28 31 31 28 36 00 60 60 60 60 60 60 60 60 0 550 840 1030 550 840	36 30 33 29 27 31 27 35 59 58 59 58 59 58 58 58 630 630 630 630 630 630 630 630 630 630	39 34 35 32 29 33 31 36 58 57 59 460 600 600 600 610 910 510 800	51 51 52 48 37 41 39 43 11 82 86 81 81 81 81 81 81 81 81 81 81 81 81 81	62 62 64 58 43 48 43 52 111 103 99 610 630 780 630 780 630 780 630 780 630 790	67 65 69 64 42 47 12 124 129 107 129 107 107 107 850 850 830 830 830 830 840 840 850 830 840 850 830 850 830 850 830 840 840 840 850 850 850 850 850 850 850 850 850 85	66 63 68 64 42 42 49 13 128 134 112 128 134 112 128 620 640 720 640 930 950 890	666 588 653 34 43 743 446 133 1229 109 109 109 600 650 650 650 650 650 650 850 850 850 850 850 850 850 850 850 8	67 56 64 64 30 34 45 120 129 112 120 129 112 120 129 112 120 650 650 650 650 650 850 850 850 850	69 56 65 29 34 45 121 118 125 121 121 Hr12 550 640 650 640 650 640 880 860 860	72 59 69 69 30 36 46 48 125 130 129 129 130 550 640 650 650 650 650 650 650 650 930 890 1000 930 890	777 64 72 73 34 477 51 127 137 137 137 135 550 650 640 640 640 620 940 920 910 910	81 69 78 77 76 37 42 47 47 55 55 550 640 640 660 620 930 9900 Hr15	85 75 82 80 43 49 49 63 10 134 145 144 H16 630 680 680 680 680 620 920 920 920	87 80 86 88 44 50 58 55 55 56 88 11 134 150 150 150 640 640 640 620 620 930 920	89 83 90 87 57 66 60 73 139 153 147 8630 650 750 620 990 990 990 990 990 Hr18 34 326	83 78 87 80 57 64 61 72 135 143 143 143 133 133 670 660 660 660 620 1060 990 1030	75 69 80 73 54 60 58 67 12 127 126 122 122 122 122 122 122 122 122 122	70 63 75 68 52 55 62 121 111 118 119 640 660 670 0790 01070 1130 1000 Hr21	666 61 71 66 50 52 59 12 121 111 1118 Hr22 630 800 800 800 800 800 800 940 940 940	63 59 67 62 47 50 57 12 109 104 113 600 650 650 600 6101 940 940 940 940 940 940 940 940 940 940
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	52 58 54 43 46 46 51 11 11 90 90 95 540 630 760 630 760 630 760 630 760 630 760 630 760 630 760 633 760 633 77 840 840 840 840 840 840 840 840 840 840	39 43 39 39 39 46 11 17 74 74 74 71 490 620 710 620 710 620 710 620 710 1010 710 1010 710 1010	34 38 35 32 34 41 10 66 68 68 66 610 680 610 680 610 610 610 610 610 610 610 610 610 61	36 300 28 31 31 28 36 60 60 60 60 60 60 60 60 60 60 60 60 840 840 840 840 840 840 840 840 840 84	36 300 313 329 27 31 35 58 59 58 58 58 58 58 58 58 58 58 58 58 58 58	39 34 35 32 29 33 31 10 58 57 59 460 600 600 600 600 610 910 510 800 810 800 810 810 800 810 810 800 810 81	51 51 52 48 37 41 39 43 39 43 43 43 43 6 6 81 6 81 6 90 620 620 780 550 620 770 770 770 770 770	62 62 62 64 58 43 52 11 113 103 99 99 99 99 Hr07 610 630 780 630 780 630 780 630 780 780 780 780 780 790	67 66 69 64 42 47 12 12 12 12 12 12 12 12 12 12 12 12 12	666 63 68 64 42 42 42 42 42 42 42 42 42 42 42 42 42	666 58 65 63 34 43 43 44 13 122 129 109 109 600 650 650 650 650 650 850 1030 980 850	67 56 64 64 30 129 112 120 129 112 120 650 650 650 650 650 850 850 850 850 850 850 850 840 843	69 56 65 29 34 45 46 10 10 118 125 121 121 125 550 640 650 640 980 860 880 880 880 880 980 880 980 840 980 840 980 840 980 840 980 840 840 840 840 840 840 840 840 840 8	72 59 69 30 46 46 48 48 40 125 130 129 125 640 640 650 630 000 930 890 Hr13 54 57 74 44	777 64 72 73 34 47 51 51 127 137 135 650 650 650 650 650 620 940 920 910 910	81 69 78 76 37 76 42 47 134 139 134 139 134 139 134 139 134 139 134 139 134 139 142 134 139 142 134 139 142 142 143 139 142 142 145 155 10 640 660 660 620 930 930 930 930 930 930 930 93	85 75 82 80 43 49 63 10 134 134 145 134 144 145 630 630 630 630 630 630 620 920 880 920 920 920 920 920 920	87 80 86 86 86 85 55 68 81 134 150 148 134 150 640 640 640 620 890 930 920 920	89 83 87 757 66 60 60 111 139 153 147 153 147 47 650 970 990 990 990 990 84 84 43 34 43 31	83 78 87 80 57 64 61 72 125 143 135 143 135 143 133 133 670 670 670 670 620 1060 990 1030	75 69 80 73 54 60 58 67 122 127 126 122 127 126 650 650 650 650 650 620 1100 1090 1020	70 63 75 68 52 55 55 55 55 55 55 55 55 52 12 12 121 118 119 121 118 119 700 700 700 700 700 700 700 700 700 70	666 61 71 66 50 53 52 59 121 111 111 118 Hr22 630 660 600 1010 1030 940 Hr22 33 38 8 8 27 31	63 59 67 62 47 70 97 12 109 104 113 113 113 113 600 650 600 650 600 600 600 01010 940 900 900 900 833 33 37 728
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 Sharn Shui Po	52 58 54 43 46 51 51 90 90 90 90 90 90 90 90 90 90 90 90 90	39 43 41 36 39 39 46 11 11 72 490 620 710 620 710 620 710 620 710 000 710 000 710 1210 710 1210 710 1210 31 44 43 44 38 44 13 54 54 54 54 54 54 54 54 54 54 54 54 54	34 38 35 32 34 41 10 66 68 68 66 60 610 610 610 610 610 610 610 610 6	36 300 28 31 38 36 00 00 600 600 600 600 600 650 840 1030 550 840 1030 422 42 42	36 300 313 329 27 31 35 58 59 58 59 58 59 58 58 59 58 58 59 58 58 59 58 58 59 58 58 59 58 58 59 58 58 59 58 58 59 58 58 59 58 59 58 50 50 50 50 50 50 50 50 50 50 50 50 50	39 34 35 32 29 33 31 10 58 57 59 460 600 630 610 910 800 610 800 610 800 810 800 810 800 800 810 800 800 8	51 51 52 48 37 41 43 39 43 39 43 43 82 76 550 610 620 620 620 620 620 620 780 610 620 780 770 770 770 770 770	62 62 64 58 43 35 21 11 11 13 103 99 99 99 99 99 99 99 99 790 780 630 780 630 780 630 780 630 780 630 780 727 27 29 21 22 28 21 22 28 21 22 28 28 28 28 29 29 21 20 28 29 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	67 66 69 64 42 47 12 12 12 12 12 12 12 12 12 12 12 12 12	66 63 68 64 38 64 42 13 128 13 128 134 139 128 640 620 640 650 930 950 890 26 232 23 27 21	666 58 65 63 34 43 43 43 46 13 122 129 109 600 650 680 650 680 650 880 850 880 980 850 980 850 980 850 28	67 56 64 43 30 34 45 12 120 129 112 120 129 112 120 650 650 650 650 650 650 650 850 850 850	69 56 65 29 34 45 46 10 10 118 125 121 121 550 640 650 640 650 860 860 860 860 860 860 840 980 980 980 980 980 980 980 980 980 98	72 59 69 30 46 46 48 48 48 40 125 130 129 125 640 630 630 630 630 630 890 890 890	777 64 722 733 44 73 88 477 137 135 127 137 135 650 650 650 650 650 650 650 650 650 65	81 69 78 76 37 42 47 47 56 9 9 134 143 139 Hr15 550 640 660 620 950 640 660 620 930 930 930 940 940 930 940 940 940 940 95 640 640 640 640 640 640 640 640	85 75 82 80 43 49 63 10 134 134 145 134 145 560 680 680 680 680 680 680 620 880 920 880 920 880 920 880 920 920 880 920 880 80 823 80 80 80 80 80 80 80 80 80 80 80 80 80	87 80 86 86 88 55 55 56 68 8 11 134 150 148 150 640 640 640 620 620 620 930 930 930 930 932 832 832 832 832 832 832 832 832 832 8	89 83 87 75 76 66 60 60 11 139 153 147 139 153 147 650 650 650 650 650 650 990 990 990 990 990	83 78 87 80 57 64 61 72 12 135 143 133 133 133 133 670 660 620 1060 620 1060 620 1060 990 1030 990 1030 990 1030 990 1030 990 1030 103	75 69 80 73 54 60 58 67 12 127 126 122 127 126 650 670 650 670 620 1100 1090 1090 1090 1090 1090 30 30 30 32 20	70 63 75 68 82 55 55 62 12 12 12 11 118 119 119 119 640 640 640 640 610 1070 1130 1000 1130 1000	666 61 71 666 53 52 59 12 121 111 118 Hr22 630 660 600 600 600 600 600 1010 940 940 940	63 59 67 62 47 70 12 109 104 113 113 600 650 650 600 1010 940 9900 1010 1010 1010 1010 101
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 Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Kwun Tong Sham Shui Po Tauen Wan	52 58 54 43 46 51 11 11 11 90 90 90 90 90 90 90 90 90 90 90 90 90	39 43 34 39 39 46 11 72 74 74 74 71 71 600 620 710 600 1210 710 1010 1010	34 38 35 32 34 33 33 33 33 33 341 10 66 68 68 66 610 610 610 610 610 610 610 610 610	36 300 288 361 128 366 600 600 600 600 600 600 600 600 600	36 300 329 277 31 355 59 58 58 58 58 58 58 58 58 58 58 58 58 58	39 34 35 32 29 29 33 31 10 58 57 59 460 630 610 630 610 630 610 510 800 800	51 51 52 48 37 41 39 43 43 43 43 43 82 76 550 610 690 690 690 690 690 690 770 770 770 770 770	62 62 62 64 58 43 52 11 11 113 103 52 99 99 99 99 610 630 630 630 630 630 630 780 630 780 630 780 277 27 29 21 122 21 122 11 221 121 121 121 121	67 66 69 64 42 47 43 51 124 129 107 124 129 107 640 650 640 640 880 830 830 830 830 830	668 63 64 64 42 42 49 13 128 128 128 620 650 640 650 650 650 650 890 890 26 223 227 21 21	666 58 63 34 43 77 43 44 60 63 122 129 109 109 600 650 650 650 680 650 850 850 850 850	67 56 64 64 63 30 72 120 129 112 120 129 112 120 129 112 120 650 650 650 650 650 850 850 850 850 850 850 850 850 850 8	69 56 65 29 45 46 10 118 125 121 550 640 650 650 650 650 860 860 860 860 860 840 980 840 840 840 840 840 840 840 840 840 8	72 59 69 69 30 30 30 30 30 30 46 48 48 48 48 48 40 550 640 650 630 630 630 630 630 630 630 630 630 44 44 45 44 44 44 44 44 44 44 44 44 44	777 64 72 73 34 877 51 137 137 137 135 9 9 1277 137 135 650 650 650 650 650 640 620 940 920 940 940 940 940 940 940 940 940 940 94	81 69 78 76 77 76 76 9 9 134 143 139 Hr15 550 640 660 640 660 620 930 950 950 950 950 950 950 942 42 42 44 44 44 44 44 44 44	85 75 82 80 43 49 49 63 0 10 134 144 145 144 560 630 680 680 680 680 680 680 920 920 920 920 920 920 920 936 838 920 920 920 920 920 920 936 936 936 936 936 936 936 936 937 937 937 937 937 937 937 937 937 937	87 80 86 84 50 58 58 55 68 85 55 68 81 11 134 150 148 148 148 148 700 700 620 640 700 620 640 700 930 920 920	89 83 90 87 57 57 66 66 60 73 111 139 153 147 147 43 630 650 750 620 990 990 990 990 990 844 34 34 34 32 62 83 75 75 75 75 75 75 75 75 75 75 75 75 75	83 78 87 80 57 80 64 61 12 135 143 133 133 133 133 133 133 670 670 670 670 670 620 620 1060 990 1030 1000 1030 1030 1090 1030 19 22 5 30 0 919 22	75 69 80 73 54 60 58 67 12 127 126 122 122 122 122 122 122 122 122 122	700 63 75 68 52 55 55 55 52 12 12 12 12 118 118 119 640 660 610 1070 610 1070 610 1070 1000 810 1037 790 790 790 790 790 790 791 792 793 31 327 50 50 50 50 50 50 50 50 50 50 50 50 50	666 61 71 66 53 52 59 121 111 111 118 Hr22 630 660 600 1010 940 Hr22 33 38 800 600 1010 940	63 59 67 62 47 12 109 57 71 2 109 57 71 2 109 600 650 650 790 650 790 600 0 940 940 940 940 940 940 940 940 940
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 Sharn Shui Po	52 58 54 43 46 51 11 90 90 90 90 90 90 90 90 90 90 90 90 90	39 43 41 36 39 39 46 11 11 72 490 620 710 620 710 620 710 620 710 000 710 000 710 1210 710 1210 710 1210 31 44 43 44 38 44 13 54 54 54 54 54 54 54 54 54 54 54 54 54	34 38 35 32 34 41 10 06 66 68 66 66 47 0 1130 620 950 950 46 620 950 950 950 950 950 950 950 950 950 95	366 300 34 302 313 312 36 100 600 600 600 600 600 600 600 600 60	36 300 313 299 277 357 100 588 599 588 589 588 599 588 599 588 599 588 589 588 589 588 589 588 589 588 589 589	39 34 35 32 29 29 33 31 10 58 57 59 460 600 630 910 910 910 910 910 910 910 910 800 800 800 838 838 38 338 338 339	51 51 52 48 37 41 39 43 43 11 82 550 610 620 780 770 770 770 770 770 770 770 770 77	62 62 64 58 43 48 43 48 43 48 43 48 43 48 43 48 43 48 43 48 43 48 43 48 43 48 43 48 43 48 43 48 48 43 48 48 48 49 49 99 99 99 99 99 99 99 99 99 99 99	67 66 69 64 42 47 7 43 51 12 124 129 107 80 640 630 640 630 640 630 640 630 880 830 830 84 24 29 20 20 22 21 77 19 31	668 63 64 88 84 42 42 49 13 128 49 13 128 49 13 128 620 640 640 640 640 640 650 930 930 930 930 930 930 930 226 232 23 223 223 223 223 223 223 223	666 58 63 34 43 77 43 122 129 109 109 600 650 650 650 650 650 650 650 650 850 850 850 850 850 850 850 850 850 8	67 56 64 43 30 34 45 12 120 129 112 120 129 112 120 650 650 650 650 650 650 650 850 850 850	69 56 65 29 34 45 125 121 118 125 50 640 640 650 640 650 640 860 860 860 860 860 860 840 980 42 51 51 53 42 74	72 59 69 30 46 48 48 48 48 48 48 48 48 48 48 48 48 48	777 64 72 73 338 477 51 135 9 9 1277 1377 137 550 650 650 650 650 640 920 910 910 910 910 910 910 910 910 910 91	81 69 778 776 42 47 56 64 9 9 134 143 139 Hr15 550 640 640 640 640 640 950 930 900 900 900 900 900 900 910 42 42 42 42 47 55 55 640 640 640 640 640 640 640 640	85 75 82 80 43 49 63 10 134 134 145 134 145 560 680 680 680 680 680 680 620 880 920 880 920 880 920 880 920 920 880 920 880 880 880 880 880 880 880 880 880 8	87 80 86 86 88 55 55 56 68 8 11 134 150 148 150 640 640 640 620 620 620 930 930 930 930 932 832 832 832 832 832 832 832 832 832 8	89 83 90 87 57 66 60 73 111 139 153 147 147 147 147 990 990 990 990 990 990 990 990 990 92 900 920 92	83 78 87 80 57 64 61 72 12 135 143 133 133 133 133 133 133 133 133 133	75 69 80 73 54 60 58 67 12 127 126 122 127 126 650 670 650 670 620 1100 1090 1090 1090 1090 1090 30 30 30 32 20	700 63 75 68 52 55 56 62 12 121 118 119 Hr21 640 660 6790 610 0790 610 0070 1130 1000 1130 1000 1130 1000 1130 1000 1130 1000 1130 1000 1130 1000 1130 1000 1130 100 1000 1	666 61 711 66 500 53 520 59 121 121 1111 118 Hr22 630 660 600 1010 1030 940 940 Hr22 33 233 38 277 31 21 22 33 37	63 59 67 62 47 10 9 57 10 10 9 104 113 600 650 650 650 650 650 940 940 940 940 940 924 83 33 37 72 8 83 11 22 23 33 44 9 57 57 57 57 57 57 57 57 57 57 57 57 57
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 Kwai Chung Kwan Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung	52 58 54 43 46 51 51 90 90 90 95 90 90 90 90 90 90 90 90 90 90 90 90 90	39 43 34 39 39 46 11 72 74 77 74 77 70 600 620 710 620 710 710 710 710 710 710 710 710 710 71	34 38 38 35 32 34 11 100 66 68 66 68 66 66 68 66 60 610 610 610 610 610 620 950 950 950 950 950 46 40 40 40 40 40 40 40 40 40 44 44	36 300 283 31 283 36 100 600 600 600 600 600 600 600 600 840 840 840 840 840 840 840 840 840 8	366 300 329 277 311 277 35 300 58 59 50 58 600 600 630 630 630 630 630 630 850 850 850 850 850 850 850 850 850 85	339 34 35 32 29 33 31 31 6 58 460 600 610 610 610 610 610 610 630 610 800 610 800 610 800 610 800 810 800 800 800 800 800 800 800 8	51 51 52 48 37 41 39 43 39 43 31 11 82 76 550 610 690 620 570 770 770 770 770 770 770 770 770 77	62 62 64 58 43 43 48 43 48 43 52 111 103 99 99 610 630 630 630 630 630 630 630 780 630 780 630 780 780 780 780 780 780 780 780 780 78	67 65 69 64 42 17 12 124 129 107 107 107 107 650 650 650 650 640 760 830 830 830 830 830 830 830 830 830 83	668 63 64 38 64 42 42 49 13 128 128 620 640 650 650 650 650 890 26 522 322 27 21 21 21 44 44	666 58 65 63 34 43 122 129 109 Hr10 600 650 680 650 680 650 680 850 850 850 850 850 33 34 0 33 35 28 28 66 64 6 6 6 6 7 7 7 7 43 7 7 7 43 7 7 7 43 7 7 7 7 7	67 56 64 64 64 30 34 45 12 129 112 129 112 129 112 129 112 129 112 129 650 650 650 650 650 650 650 850 850 850 850 850 850 850 850 850 8	69 56 65 65 29 46 10 118 125 121 121 125 121 121 125 550 640 650 640 650 860 860 860 860 860 860 860 87 151 53 54 27 99 90 40 29 90 40 55 55 55 55 55 55 55 55 55 55 55 55 55	72 59 69 69 30 30 36 46 48 10 125 550 640 650 650 650 650 650 650 650 890 890 890 890	777 64 772 73 33 44 75 11 9 9 127 137 135 550 650 640 640 640 640 620 940 940 920 910	81 69 78 77 77 42 47 75 56 9 9 133 133 133 133 133 133 13	855 755 822 800 433 499 499 499 630 100 134 145 144 144 144 144 144 144 144 144 14	87 80 86 84 55 55 58 11 134 150 148 150 148 150 640 620 620 620 620 620 620 620 620 620 633 930 930 930 930 930 930 930 950 950 950 955 855 855 855 855 855 855 855 855 855	889 83 90 87 57 57 66 60 60 11 139 153 147 153 147 153 147 650 650 650 620 620 620 620 970 990 990 990 990	83378 7887780 77787878787878787878787878787	755 699 800 733 544 600 588 677 122 127 126 650 650 650 650 670 620 620 620 620 1000 1020 1020 0 800 620 630 620 1020 0 800 620 630 620 630 630 640 640 650 640 640 650 640 640 640 640 640 640 640 640 640 64	700 63 75 68 52 55 55 55 62 12 12 12 12 12 12 12 12 12 1	666 61 71 666 53 52 59 12 121 111 118 Hr22 630 660 800 660 800 600 800 1030 940 940 940	63 59 67 62 47 50 57 12 77 12 10 9 10 4 9 10 9 10 9 10 9 10 9 10 9 10
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 / Westerm Eastern Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long	52 58 54 46 51 11 90 90 90 90 90 90 90 90 90 90 90 90 90	39 43 39 46 39 39 46 620 710 490 620 710 1210 620 710 1210 710 1210 1010 1210 1010 1210 30 44 33 44 43 34 44 38 40 40 42 33 31	34 38 36 32 34 33 33 33 33 33 41 10 66 68 66 66 66 66 67 67 67 67 67 67 67 67 67	366 300 302 302 302 302 302 302 302 302 302	366 300 313 299 277 311 277 355 100 588 599 588 600 600 600 600 600 6300 6300 6300 63	339 34 35 32 29 33 33 31 10 58 57 59 59 600 600 600 600 600 600 600 600 610 510 800 510 510 800 510 800	511 512 488 37 41 39 43 41 11 82 76 610 690 690 690 690 690 690 690 690 780 770 770 770 770 770 770 770 333 34	62 62 64 58 43 43 48 43 48 43 48 43 10 103 99 99 113 103 99 99 113 103 630 630 630 630 630 630 630 630 790 790 790 790 727 229 24 122 29 24 43 30 331 32 22	67 66 69 64 42 47 74 35 11 12 124 47 73 124 47 70 650 650 640 760 650 640 760 630 880 830 830 830 830 830 830 830 830 8	668 63 64 48 42 42 42 49 13 128 134 112 134 112 134 112 136 620 640 720 650 950 950 950 950 950 950 950 932 232 232 27 21 24 41 44 44 44 44 44 35	666 58 653 34 4337 13 122 129 129 109 109 109 650 680 650 680 650 680 650 1030 8850 850 850 850 850 850	67 56 64 84 84 84 84 85 12 120 129 112 129 112 129 112 129 112 129 112 129 112 129 129	69 56 65 29 34 45 125 121 121 121 121 121 121 121 121 12	72 59 69 69 30 36 46 46 47 125 130 129 129 130 640 640 650 650 650 650 630 930 930 930 930 930 930 930 930 930 9	777 64 72 73 34 47 51 9 9 127 550 650 650 640 650 640 620 940 920 910 910 910 910 910 910 910 910 910 91	81 69 776 777 42 477 566 9 134 143 139 Hr15 550 640 640 640 620 930 900 Hr15 554 40 44 75 76 76 76 77	855 7582 800 43349 499 633 100 1344 145 144 145 144 144 144 144 144 144 1	87 80 86 84 55 68 81 11 134 150 150 1580 640 700 640 700 620 890 930 930 930 930 930 930 930 930 930 9	89 83 90 87 77 66 60 60 11 139 153 147 153 147 153 147 153 147 990 990 990 990 990 990 990 990 990 99	83 78 87 80 57 64 61 72 135 67 670 670 670 670 670 670 670 620 1050 790 790 620 1050 790 990 1030 1030 1030 1030 1030 1030 103	755 699 733 544 600 588 677 122 1227 126 650 670 800 650 670 800 650 670 800 620 1100 1020 1020 1020 1020 1020 102	700 63 75 68 52 55 55 55 121 121 118 119 Hr21 6400 7970 7070 7	66 61 71 66 50 53 52 59 12 12 121 111 118 800 660 800 600 1010 1033 38 27 33 31 21 221 22 33 37 37 37 29 29	63 59 67 62 47 75 50 49 49 49 49 49 49 49 49 49 49 49 49 49
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 Kwai Chung Kwai Tong Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung	52 58 54 43 46 51 51 90 90 90 95 90 90 90 90 90 90 90 90 90 90 90 90 90	39 43 34 39 39 46 11 72 74 77 74 77 70 600 620 710 620 710 710 710 710 710 710 710 710 710 71	34 38 38 35 32 34 11 100 66 68 66 68 66 66 68 66 60 610 610 610 610 610 620 950 950 950 950 950 46 40 40 40 40 40 40 40 40 40 40 40 44 44	36 300 283 31 283 36 100 600 600 600 600 600 600 600 600 840 840 840 840 840 840 840 840 840 8	366 300 329 277 311 277 35 300 58 59 50 58 600 600 630 630 630 630 630 630 850 850 850 850 850 850 850 850 850 85	339 34 35 32 29 33 31 31 6 58 460 600 610 610 610 610 610 610 630 610 800 610 800 610 800 610 800 810 800 800 800 800 800 800 800 8	51 51 52 48 37 41 39 43 39 43 31 11 82 76 550 610 690 620 570 770 770 770 770 770 770 770 770 77	62 62 64 58 43 43 48 43 48 43 52 111 103 99 99 610 630 630 630 630 630 630 630 780 630 780 780 780 780 780 780 780 780 780 78	67 65 69 64 42 17 12 124 129 107 107 107 107 650 650 650 650 640 760 830 830 830 830 830 830 830 830 830 83	668 63 64 38 64 42 42 49 13 128 128 620 640 650 650 650 650 890 26 522 322 27 21 21 21 44 44	666 58 65 63 34 43 122 129 109 Hr10 600 650 680 650 680 650 680 850 850 850 850 850 33 34 0 33 35 28 28 66 64 6 6 6 6 7 7 7 7 43 7 7 7 43 7 7 7 43 7 7 7 7 7	67 56 64 64 64 30 34 45 12 129 112 129 112 129 112 129 112 129 112 129 650 650 650 650 650 650 650 850 850 850 850 850 850 850 850 850 8	69 56 65 65 29 46 10 118 125 121 121 125 121 121 125 550 640 650 640 650 860 860 860 860 860 860 87 151 53 54 27 94 94 42 27 11 53 54 55 54 55 55 55 55 55 55 55 55 55 55	72 59 69 69 30 30 36 46 48 10 125 550 640 650 650 650 650 650 650 650 890 890 890 890	777 64 772 73 33 44 75 11 9 9 127 137 135 550 650 640 640 640 640 620 940 940 920 910	81 69 78 77 77 42 47 75 56 9 9 133 133 133 133 133 133 13	855 755 822 800 433 499 499 499 630 100 134 145 144 144 144 144 144 144 144 144 14	87 80 86 84 55 55 58 11 134 150 148 150 148 150 640 620 620 620 620 620 620 620 620 620 633 930 930 930 930 930 930 930 950 950 950 955 855 855 855 855 855 855 855 855 855	889 83 90 87 57 57 66 60 60 11 139 153 147 153 147 153 147 650 650 650 620 620 620 620 970 990 990 990 990	83378 7887780 77787878787878787878787878787	755 699 800 733 544 600 588 677 122 127 126 650 650 650 650 670 620 620 620 620 1000 1020 1020 0 800 620 630 620 1020 0 800 620 630 620 630 630 630 640 640 650 640 640 650 640 640 640 640 640 640 640 640 640 64	700 63 75 68 52 55 55 55 62 12 12 12 12 12 12 12 12 12 1	666 61 71 666 53 52 59 12 121 111 118 Hr22 630 660 800 660 800 600 800 1030 940 940 940	63 59 67 62 47 75 50 49 49 49 49 49 49 49 49 49 49 49 49 49
Kwun Tong Sham Shui Po Tsuen Wan Tai Po Tang Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Carbon Station Tsuen Wan Taug Chung Yuen Long Tap Mun Causeway Bay Central Mong Kok Pollutant: Ozone Station Central / Westerm Eastern Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Sha Tin Tai Po Tung Chung Yuen Long Tap Mun	52 58 54 43 46 51 11 90 90 90 90 90 90 90 90 90 90 90 90 90	39 43 39 46 39 39 46 620 710 620 710 620 710 620 710 1010 710 1010 710 1010 710 1010 710 600 710 600 710 600 710 600 710 600 710 600 710 600 710 600 710 710 600 710 710 710 710 710 710 710 710 710 7	34 38 36 37 32 34 33 33 32 34 11 0 66 68 66 68 66 60 610 610 610 610 610 610 610 610 6	366 300 344 300 288 311 288 366 100 600 600 600 600 600 600 600 600 6	366 300 313 299 277 35 100 589 599 588 Hr04 4400 6000 6000 6300 6300 6300 6300 63	339 34 35 32 32 33 33 36 10 58 57 59 460 600 600 630 610 510 510 510 510 800 910 910 910 910 910 910 910 910 910 510 800 910 910 510 800 910 510 800 800 510 510 800 510 510 510 510 510 510 510 510 510 5	51 51 52 48 37 41 39 43 11 11 82 55 610 610 620 610 620 620 670 770 770 770 770 770 770 770 770 77	62 62 64 58 43 48 43 48 43 48 43 52 111 113 103 99 99 40 630 630 630 630 630 630 630 630 780 630 630 780 630 83 780 630 83 780 630 83 780 630 83 780 630 83 780 630 83 780 780 630 780 630 780 630 780 630 780 630 780 630 780 780 630 780 780 780 780 780 780 780 780 780 78	67 66 69 64 42 47 43 51 12 124 47 129 129 107 640 650 640 760 650 640 760 630 880 830 830 830 830 830 830 830 830 8	668 63 64 48 42 42 42 49 13 128 134 112 134 112 134 112 136 620 640 720 650 950 950 950 950 950 950 950 932 232 232 27 21 24 41 44 44 44 44 44 35	666 58 653 34 4337 13 122 129 129 109 109 109 650 680 650 680 650 680 650 1030 8850 850 850 850 850 850	67 56 64 84 84 84 84 85 12 120 129 112 129 112 129 112 129 112 129 112 129 112 129 129	69 56 65 29 34 45 125 121 121 121 121 121 121 121 121 12	72 59 69 69 30 36 46 46 47 125 130 129 129 130 640 640 650 650 650 650 630 930 930 930 930 930 930 930 930 930 9	777 64 72 73 34 47 51 9 9 127 550 650 650 640 650 640 620 940 920 910 910 910 910 910 910 910 910 910 91	81 69 776 777 42 477 566 9 134 143 139 Hr15 550 640 640 640 620 930 900 Hr15 554 40 44 75 76 76 76 77	855 7582 800 43349 499 633 100 1344 145 144 145 144 144 144 144 144 144 1	87 80 86 84 55 68 85 68 11 134 150 150 1580 640 700 640 700 620 890 930 930 930 930 930 930 930 930 930 9	89 83 90 87 77 66 60 60 11 139 153 147 153 147 153 147 153 147 990 990 990 990 990 990 990 990 990 99	83 78 87 80 57 64 61 72 135 67 670 670 670 670 670 670 670 620 1050 790 790 620 1050 790 990 1030 1030 990 1030 1030 1030 1030	755 699 733 544 600 588 677 122 1227 126 650 670 800 650 670 800 650 670 800 620 1100 1020 1020 1020 1020 1020 102	700 63 75 68 52 55 55 55 121 121 118 119 Hr21 6400 7970 7070 7	666 61 711 66 500 53 522 59 12 12 121 111 111 118 Hr22 630 6600 800 6600 1010 1033 38 27 33 38 27 31 21 221 22 33 37 37 37 29 29	63 59 67 62 47 50 57 57 12 29 109 104 113 600 650 790 600 600 600 1010 940 9900 940 933 33 37 7 28 33 33 37 33 33 34 34 36 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
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 / Westerm Eastern Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long	52 58 54 43 46 51 11 90 90 90 90 90 90 90 90 90 90 90 90 90	39 43 39 46 39 39 46 620 710 620 710 620 710 620 710 1010 710 1010 710 1010 710 1010 710 600 710 600 710 600 710 600 710 600 710 600 710 600 710 600 710 710 600 710 710 710 710 710 710 710 710 710 7	34 38 36 37 32 34 33 33 32 34 11 0 66 68 66 68 66 60 610 610 610 610 610 610 610 610 6	36 300 28 31 28 36 10 60 60 600 600 600 1030 650 650 650 650 840 1030 550 840 1030 254 452 453 41 41 45 459 60 60 60 60 60 60 60 80 60 80 80 80 80 80 80 80 80 80 80 80 80 80	366 300 313 299 277 35 100 589 599 588 Hr04 4400 6000 6000 6300 6300 6300 6300 63	339 34 35 32 32 33 33 36 10 58 57 59 460 600 600 630 610 510 510 510 510 800 910 910 910 910 910 910 910 910 910 510 800 910 910 510 800 910 510 800 800 510 510 800 510 510 510 510 510 510 510 510 510 5	51 51 52 48 37 41 39 43 11 11 82 55 610 610 620 610 620 620 670 770 770 770 770 770 770 770 770 77	62 62 64 58 43 48 43 48 43 48 43 52 111 113 103 99 99 40 630 630 630 630 630 630 630 630 780 630 630 780 630 83 780 630 83 780 630 83 780 630 83 780 630 83 780 630 83 780 780 630 780 630 780 630 780 630 780 630 780 630 780 780 630 780 780 780 780 780 780 780 780 780 78	67 66 69 64 42 47 43 51 12 124 47 129 129 107 640 650 640 760 650 640 760 630 880 830 830 830 830 830 830 830 830 8	668 63 64 48 42 42 42 49 13 128 134 112 134 112 134 112 136 620 640 720 650 950 950 950 950 950 950 950 932 232 232 27 21 24 41 44 44 44 44 44 35	666 58 653 34 4337 13 122 129 129 109 109 109 650 680 650 680 650 680 650 1030 8850 850 850 850 850 850	67 56 64 84 84 84 84 85 12 120 129 112 129 112 129 112 129 112 129 112 129 112 129 129	69 56 65 29 34 45 125 121 121 121 121 121 121 121 121 12	72 59 69 69 30 36 46 46 47 125 130 129 129 130 640 640 650 650 650 650 630 930 930 930 930 930 930 930 930 930 9	777 64 72 73 34 47 51 9 9 127 550 650 650 640 650 640 620 940 920 910 910 910 910 910 910 910 910 910 91	81 69 776 777 42 477 566 9 134 143 139 Hr15 550 640 640 640 620 930 900 Hr15 554 40 44 75 76 76 76 77	855 7582 800 43349 499 633 100 1344 145 144 145 144 144 144 144 144 144 1	87 80 86 84 55 68 85 68 11 134 150 150 1580 640 700 640 700 620 890 930 930 930 930 930 930 930 930 930 9	89 83 90 87 77 66 60 60 11 139 153 147 153 147 153 147 153 147 990 990 990 990 990 990 990 990 990 99	83 78 87 80 57 64 61 72 135 67 670 670 670 670 670 670 670 620 1050 790 790 620 1050 790 990 1030 1030 990 1030 1030 1030 1030	755 699 733 544 600 588 677 122 1227 126 650 670 800 650 670 800 650 670 800 620 1100 1020 1020 1020 1020 1020 102	700 63 75 68 52 55 55 55 121 121 118 119 Hr21 6400 7970 7070 7	666 61 711 66 500 53 522 59 12 12 121 111 111 118 Hr22 630 6600 800 6600 1010 1033 38 27 33 38 27 31 21 221 22 33 37 37 37 29 29	63 59 67 62 47 75 57 57 57 57 12 109 104 113 6000 6550 790 6500 790 6000 940 940 940 940 940 940 940 940 940
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Kwun Tong Sham Shui Po 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 Mong Kok Pollutant: Ozone Station Central / Western Eastern Kwai Chung Yuen Long Tai Po Tung Chung Pollutant: Respir Station Central / Westerm Eastern <td>522 588 544 433 466 466 466 466 466 511 1190 900 900 900 900 900 900 900 900</td> <td>39 43 39 46 39 39 46 11 72 74 490 620 620 710 620 620 710 620 620 710 620 620 710 710 710 710 710 710 710 710 710 71</td> <td>34 38 38 35 32 34 11 10 66 68 68 66 610 610 610 610 610 610 610 610 610</td> <td>36 30 300 28 311 28 36 60 60 60 60 60 60 60 600 600 600 600 600 600 600 650 8400 840 9500 840 42 45 42 43 41 34 36 37 600 330</td> <td>366 300 303 329 277 311 277 535 100 589 599 588 6000 6300 6300 6300 6300 6300 6300 63</td> <td>339 34 35 32 29 29 33 31 16 58 460 600 610 610 610 610 610 610 800 610 800 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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 / Watern Eastern Kwai Chung Sha Tin Tai Po Tsuen Wan Sha Tin Tai Po Tsuen Chung Yuen Long Tap Mun Pollutant: Respir Station Central / Western Eastern Kwai Chung	522 588 544 433 466 466 466 466 466 511 1190 900 900 900 900 900 900 900 900	39 43 41 36 39 39 46 11 72 74 490 620 710 620 710 620 620 710 620 710 620 710 620 710 710 710 710 710 710 710 71	34 38 38 35 32 34 11 10 66 68 68 66 610 610 610 610 610 610 610 610 610	36 30 300 28 311 28 36 60 60 60 60 60 60 60 600 600 600 600 600 600 600 650 8400 840 9500 840 42 45 42 43 41 34 36 37 600 330	366 300 303 329 277 311 277 535 100 589 599 588 6000 6300 6300 6300 6300 6300 6300 63	339 34 35 32 29 29 33 31 16 58 460 600 610 610 610 610 610 610 800 610 800 610 800 610 800 610 800 610 800 610 800 610 800 610 800 610 800 610 800 800 800 800 800 800 800 8	51 51 52 48 37 41 39 43 11 11 82 550 610 620 620 620 620 620 620 620 780 620 780 620 780 620 780 620 780 620 780 690 690 690 690 690 690 690 690 690 69	62 62 64 58 43 43 48 43 48 43 52 11 11 103 99 99 610 630 630 630 630 780 630 780 630 780 780 780 780 780 780 780 780 780 78	67 65 69 64 42 47 7 43 51 12 124 129 107 129 107 640 630 630 630 630 630 630 630 630 630 63	66 63 63 64 36 64 37 128 128 13 128 620 620 640 641 134 112 134 1134 112 H09 620 650 930 262 23 277 21 24 44 44 40 36 67 H109 51 43 43	666 58 65 63 34 13 122 109 109 600 650 650 650 650 650 650 650 650 650	67 56 64 464 30 34 45 12 129 112 129 112 129 112 129 112 129 112 129 112 129 112 129 112 129 112 129 112 129 129	69 56 65 65 29 34 46 10 118 125 121 121 121 550 640 980 650 640 980 860 860 860 860 860 860 860 860 860 8	72 59 69 69 30 36 46 48 10 125 50 630 129 135 640 650 650 650 650 650 650 650 650 650 65	777 64 772 733 34 38 47 751 9 9 127 137 137 137 135 550 650 640 620 940 920 990 910 820 910 910 910 910 910 910 910 910 910 91	81 69 78 77 77 78 77 42 42 77 56 9 9 134 133 133 133 133 133 133 133	855 75 82 80 43 49 49 63 10 134 145 145 144 560 630 620 920 920 920 920 920 920 920 920 920 9	87 80 86 84 55 55 56 88 111 134 150 148 150 148 90 640 620 620 620 620 620 620 620 620 620 62	89 83 90 87 77 66 60 73 111 139 153 153 153 153 153 153 153 147 650 620 970 620 970 620 970 990 990 990 990 990 990 990 990 99	83 78 78 78 90 57 64 61 135 72 121 133 9670 660 620 1060 1000 620 1030 990 1030 990 1030 990 1133 39 910 31 339 25 300 19 313 39 925 300 1990 31 383 300 1995 322 400 400 311 83 833 83 Hr199 53 53 547	755 699 800 733 544 600 58 677 122 H120 650 670 1102 H120 650 6200 11000 1020 1020 300 301 302 200 300 301 77 393 300 777 H1200 522 546	70 63 75 68 52 55 55 56 118 119 640 660 610 610 1070 610 1070 1130 1000 10000 Hr21 33 21 33 35 38 377 73 38 377 29 73 49 44	66 61 71 66 50 53 52 59 12 121 111 111 118 630 660 600 1010 940 H122 33 38 8 1030 940 H122 33 37 37 229 69 69 42	63 56 67 67 62 49 49 10 10 10 10 10 10 10 10 10 10 10 10 10
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 Tsuen Wan 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 Central / Western Eastern Kwai Chung Sham Shui Po Tsuen Wan Sha Tin Tai Po Tung Chung Yuen Long Tap Mun	52 58 54 46 51 46 51 11 90 90 90 54 90 54 630 760 630 760 630 760 630 760 630 1120 840 1120 840 1120 840 1120 840 1120 840 840 840 840 840 840 840 840 840 84	39 43 33 39 46 39 39 46 620 710 490 620 710 1210 620 710 1210 710 1210 710 1210 710 1210 710 1210 30 30 40 40 40 40 40 40 40 40 40 40 40 40 40	34 38 36 37 32 34 33 33 33 41 10 66 68 66 66 68 66 66 68 66 60 610 610 680 610 680 610 680 610 680 610 680 600 1130 620 950 1130 620 950 1130 620 40 40 43 39 950 40 40 40 40 43 33 39 950 40 40 40 40 40 40 40 40 40 40 40 40 40	366 300 344 300 288 341 311 288 366 100 600 600 600 600 600 600 600 600 6	366 300 333 299 277 35 100 588 4400 6000 6000 6300 6300 6300 6300 6300	339 34 34 35 32 32 33 31 36 10 58 57 59 460 600 600 600 600 600 600 600 600 600	51 51 52 48 37 41 39 43 11 11 82 56 610 610 620 610 620 610 620 610 620 770 770 770 770 770 770 770 770 770 7	62 62 64 58 43 48 43 48 43 48 43 48 43 52 111 113 103 99 99 99 780 630 630 630 630 630 630 630 630 630 780 630 630 780 630 630 780 630 630 780 630 630 780 630 630 780 630 630 780 630 630 780 630 630 780 630 630 780 630 780 630 780 630 780 630 780 630 780 630 780 630 780 630 780 630 780 630 780 630 780 630 780 780 630 780 780 630 780 780 630 780 780 630 780 780 780 780 780 780 780 780 780 78	67 65 69 64 42 47 43 51 124 129 107 129 107 640 640 640 640 640 640 640 640	66 63 63 64 64 48 42 49 133 128 128 640 640 720 640 720 640 930 950 890 223 223 227 21 24 41 44 40 44 40 56 67 Hr09 50 49 50	665 58 65 63 34 43 77 43 37 122 109 109 109 600 650 650 650 650 650 650 650 650 980 850 980 850 980 980 980 980 980 980 980 980 980 98	67 56 64 84 84 84 84 85 12 120 129 112 120 129 112 120 129 112 120 650 650 650 650 650 650 650 650 850 850 880 980 980 980 980 980 980 980 980 98	69 56 65 65 29 34 45 125 121 121 121 121 125 50 640 640 650 640 860 860 860 860 860 860 860 860 860 86	72 59 69 69 30 36 36 46 48 48 10 125 640 640 650 630 930 930 930 930 930 930 930 930 930 9	777 64 772 733 34 38 38 47 751 9 9 127 751 137 135 137 135 650 640 650 650 650 650 650 640 620 940 920 910 910 910 910 910 910 910 910 910 91	81 69 776 777 72 737 42 47 75 56 9 134 139 Hr15 550 640 660 620 930 900	855 755 82 80 43 49 49 49 49 49 49 49 49 49 63 114 145 144 144 144 144 144 144 144 145 630 630 630 630 630 630 630 630 630 630	87 80 86 84 55 640 134 134 134 150 640 930 930 930 930 930 930 930 930 930 930 930 930 930 930 930 930 930 930 930 940 955 956 556 556 556 556 556 557 559	89 83 90 87 77 66 60 60 73 11 139 153 147 153 147 153 147 830 650 650 650 970 990 990 990 990 990 990 990 990 99	83 78 87 80 57 64 61 72 135 143 133 143 143 143 133 143 143 133 143 14	755 699 800 733 54 600 588 677 122 127 126 650 670 670 650 670 620 670 620 670 620 670 620 670 620 670 620 670 620 670 620 670 620 670 620 677 737 726 653 377 777 726 653 3077 777 726 653 3077 777 777 777 777 777 777 777 777 7	700 63 75 68 52 55 55 56 22 12 12 118 119 Hr21 18 119 Hr21 118 119 Hr21 110 6400 6600 6100	666 61 71 66 50 53 52 121 111 118 Hr22 630 660 660 660 660 600 600 600 600 600	63 55 67 62 57 62 77 57 57 57 57 57 57 57 57 57 57 57 57
Kwun Tong Sham Shui Po 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 Tay Pun Sha Tin Central / Western Eastern Shar Shui Po Tay Mun	522 588 584 433 46 46 511 190 900 900 900 900 900 900 900 900 9	39 43 41 36 39 39 46 11 72 74 490 6200 710 6200 710 6200 710 1010	344 38 35 32 34 110 66 68 68 68 68 68 60 610 610 610 610 610 610 610 610 610	36 30 300 28 311 28 36 60 60 60 60 60 600 600 600 600 1010 600 600 650 600 650 600 650 840 49 500 840 42 45 42 43 413 46 338 38 338 38 338 38 338 38 339 39	366 300 329 277 31 277 35 300 589 589 580 6000 9500 6000 9500 6300 6300 6300 6300 6300 6300 6300 6	339 34 35 32 29 29 29 33 31 36 57 59 460 600 610 910 910 910 910 910 910 910 910 910 9	51 51 52 48 37 41 39 43 11 11 82 6 550 620 770 770 770 770 770 770 770 770 770 7	62 62 64 58 43 43 43 48 43 43 52 11 11 113 99 99 610 630 630 630 630 630 630 630 780 630 630 780 630 780 780 780 780 780 780 780 630 780 780 780 780 780 780 780 780 780 78	67 65 69 64 42 47 7 43 51 12 124 129 107 129 107 129 107 640 640 630 630 630 630 630 630 630 630 630 63	66 63 64 64 36 64 42 42 42 13 128 134 112 134 1134 112 620 640 650 930 650 990 26 32 277 21 23 223 277 21 24 44 40 55 67 51 43 49 51 43 49 43	666 58 58 65 63 34 137 37 129 109 109 600 660 680 650 680 650 850 1030 980 850 333 466 466 466 500 43 43	67 56 64 4 64 4 30 34 34 52 120 129 112 129 112 129 112 129 112 129 112 129 650 650 650 650 650 650 850 850 850 850 850 850 850 850 850 8	69 66 65 65 69 66 65 29 34 46 10 118 125 550 640 650 640 860 860 860 860 860 9860 860 9860 860 9860 860 9860 860 966 96 971 71 638 696 960 96 960 96 971 11 980 96 980 96 96 96 97 11 124 48 45 46 650 47 51 51 54 46	72 59 69 69 30 36 46 48 10 125 550 640 650 630 930 930 930 930 930 930 930 930 930 9	777 64 772 733 343 343 347 731 99 127 137 1335 650 640 620 940 920 940 920 <	81 69 78 77 78 77 78 78 78 78 78 78	85 75 82 80 43 49 43 10 134 145 560 630 620 920 H16 49 50 620 920 920 H16 49 50 49 50 426 36 677 711 633 1003 H16 55 48 55 56 54 58 54 58 52	87 80 86 84 50 88 11 134 150 148 640 640 620 920 H177 421 455 280 930 920 H177 421 455 59 591 99 H177 55 591 99 H177 55 591 99 H177 55 591 991 991 H177 55 66 55 56 57 59 59 59 59 59 59 59	889 83 90 87 75 66 60 73 111 139 153 147 153 147 153 147 990 990 990 990 990 990 990 990 990 99	83 78 78 78 78 77 78 77 78 77 71 72 71 72 71 72 71 72 71 72 71 72 71 72 71 73 790 660 600 600 1000 600 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1	755 699 800 733 544 600 588 677 122 126 650 670 122 126 650 650 670 1100 1000 1000 1000 300 377 200 383 300 777 Hr20 52 54 555 51	TOD 63 75 68 522 55 56 622 121 118 119 640 660 610 1070 6113 1130 1130 1133 1130 10000	66 61 71 66 50 53 52 21 121 111 111 118 Hr22 630 660 1010 1010 940 Hr22 333 38 111 213 333 88 1010 1030 940 Hr22 333 89 689 Hr22 46 42 46 42 46 47 48 47 7	63 59 67 62 47 50 49 49 104 113 600 650 600 650 600 650 01010 940 940 940 940 940 940 940 940 940 94
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Note: All concentration units are in micrograms per cubic metre.

	Concentration Linit	Annual A	verages ^[1]
Toxic Air Pollutants	Concentration Unit	Tsuen Wan	Central/Western
Heavy Metals			
Hexavalent chromium	ng/m ³	0.12	0.10
Lead ^[2]	ng/m ³	33	39
Organic Substances			
Benzene	µg/m ³	1.8	1.53
Benzo[a]pyrene	ng/m ³	0.18	0.15
1,3-Butadiene	$\mu g/m^3$	0.19	0.17
Formaldehyde	$\mu g/m^3$	15.9	4.36
Perchloroethylene	$\mu g/m^3$	0.6	0.59
Dioxins ^[3]	pgI-TEQ/m ³	0.053	0.049

TABLE C8: 2009 AMBIENT LEVELS OF TOXIC AIR POLLUTANTS

Note:

[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 2009 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).

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 D1 Location of HEC's & CLP's Air Quality Monitoring Stations for Sulphur Dioxide and Nitrogen Dioxide

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

Air Quality Monitoring Stations	Annual Mean Concentration ^[1]	Range of Monthly Mean Concentration ^[1]				
Sulphur Dioxide (SO ₂) ^[2]						
Victoria Peak	7	3 - 12				
Chung Hom Kok	10	3 17				
Victoria Road	15	8 - 27				
Queen Mary Hospital	9	6 - 15				
Ap Lei Chau	11	8 - 16				
Cheung Chau	11	5 - 17				
Nitrogen Dioxide (NO ₂) ^[2]						
Victoria Peak	27	12 - 46				
Chung Hom Kok	18	10 26				
Victoria Road	32	17 - 51				
Queen Mary Hospital	25	13 - 42				
Ap Lei Chau	15	8 - 33				
Cheung Chau	21	9 - 42				

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	11	3 - 23
Tin Shui Wai	8	4 - 16
Butterfly Estate	11	7 - 17
Lung Kwu Tan	19	11 - 27
Lau Fau Shan	17	7 - 50
Nitrogen Dioxide (NO ₂)		
San Hui ^[3]	70	40 - 91
Tin Shui Wai	34	16 - 57
Butterfly Estate	35	18 - 50
Lung Kwu Tan	28	15 - 41
Lau Fau Shan	23	14 - 39

Notes:

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

[2] There was no exceedance of AQO limit for the pollutant in 2009.

[3] San Hui recorded one count of exceedance of 24-hr AQO limit for NO₂.