

澳門特別行政區
REGIÃO ADMINISTRATIVA ESPECIAL DE MACAU

空氣質量年報
RELATÓRIO ANUAL DA QUALIDADE DO AR

2010年
ANO DE 2010

氣候暨大氣環境中心
CENTRO DE CLIMA E AMBIENTE ATMOSFÉRICO

地球物理暨氣象局
DIRECÇÃO DOS SERVIÇOS DE METEOROLÓGICOS E GEOFÍSICOS

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縮寫註解 Abreviaturas

PIS(PM ₁₀)	-	可吸入懸浮粒子(直徑<10微米) Partículas inaláveis em suspensão (d<10 mm)
PS	-	沉澱粒子 Partículas sedimentáveis
SO ₂	-	二氧化硫 Dióxido de enxofre
NO ₂	-	二氧化氮 Dióxido de azoto
NO _x	-	氮氧化物 Óxidos de azoto
NO	-	一氧化氮 Monóxido de azoto
O ₃	-	臭氧 Ozono
CO	-	一氧化碳 Monóxido de carbono
Pb	-	鉛 Chumbo
pH	-	雨水酸鹼度 Acidez da chuva

標準值
Valor Guia

- 為了長期保障人體健康及環境保護為目的，制定收集特定污染物在一定時間內的濃度指標。
- A concentração estabelecida para determinado poluente durante determinado período é destinado à prevenção, a longo termo, da saúde e da protecção do ambiente.

半自動站

Equipamentos semi-automáticos

簡介

澳門空氣質量的半自動監測網絡目前由以下幾個監測站所組成：

站名	裝置地點	地點特徵	測量污染物	測量程序 時間/週期
大潭山 (T)	氣象局總站	山頂 一般性環境	Pb PS pH	24小時 / 3日 15天 / 半月 1天
九澳 (C)	氣象觀測站內	郊外	PS	15天 / 半月

備註： 氹仔島 (T) 路環島 (C)

根據污染物之特性，監測站周圍環境和不同之測量程序，測量出有關澳門空氣質量情況每月平均之數據；同時亦參考中國、美國、葡萄牙(歐洲聯盟)和世界衛生組織之空氣質量標準值，作為這份年報之參考資料。

測量方法

污染物	測量方法
鉛	原子吸收分光光度法
沉澱粒子	重量法
酸鹼度	電極法

沉澱粒子

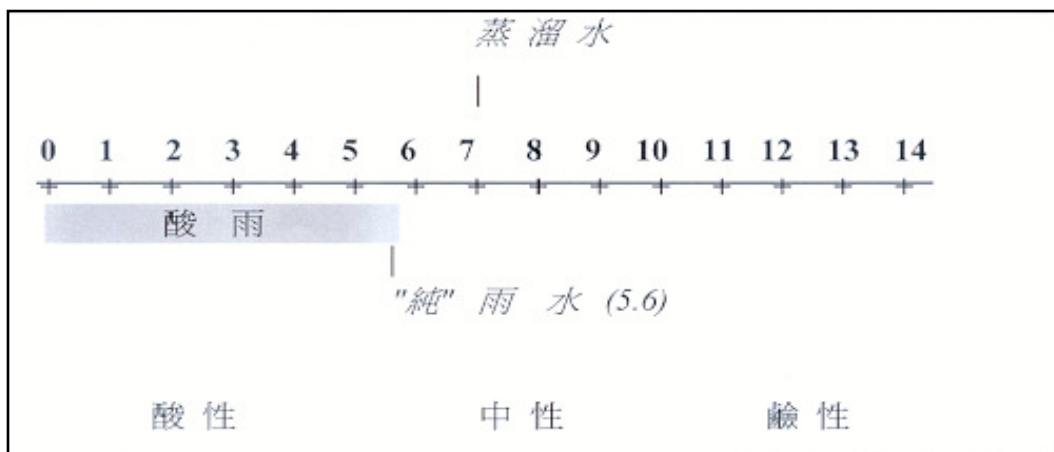
地區	標準值(毫克/平方米.每30日)
住宅	3900
輕工業	6000
重工業	10500

參考:世界衛生組織

雨水酸鹼度

對於雨水收集，採用 TISCH ENVIROMENTAL, INC. 出產的自動雨水收集器。由電動系統控制兩個收集筒，一個收集筒作為每日對雨水及濕沉澱收集之用，另一個作為每週乾沉澱收集之用。

酸鹼度表



空氣含鉛量

收集空氣含鉛量是透過裝設於氣象局大樓(氹仔大潭山)的總懸浮粒子收集器，利用總懸浮粒子之過濾紙，以高流量收集器約每三日作一次二十四小時之測量程序，來分析空氣的含鉛濃度。

標準：

使用下列兩種標準作比較：

收集大氣層內鉛濃度(24小時)標準值(微克/立方米)

國家	週期	濃度(微克/立方米)
美國 香港	每季	1.5
歐共體 葡國	每年	2

Introdução

São publicados neste relatório os resultados das medições efectuadas durante o mês nas estações semi-automáticas abaixo referidas.

Estação	Localização	Classificação do local	Poluentes medidos	Programa de amostragem Duração / Frequência
Taipa Grande (T)	Sede dos SMG	Topo da colina Meio ambiente	Pb PS pH	24h / 3 em 3 dias 15 dias / quinzenal 1 dias
Ka - Hó (C)	Parque de instrumentos de Est. Meteo.	Rural	PS	15 dias / quinzenal

NOTA : (T) - Ilha de Taipa (C) - Ilha de Coloane

De uma maneira geral, os valores apresentados, pela elevada percentagem de dados diários disponíveis, permitem o cálculo de médias mensais com um bom grau de significado. Para referenciar os níveis de poluição em Macau usamos como termos de comparação os “valores guia” da China, dos Estados Unidos da América, da Organização Mundial de Saúde e de Portugal/UE.

Método de análise

Poluente	Método de análise
Pb	Espectrofotométrico de absorção atómica
PS	Gravimetria
pH	Potenciométrico

Partículas sedimentáveis

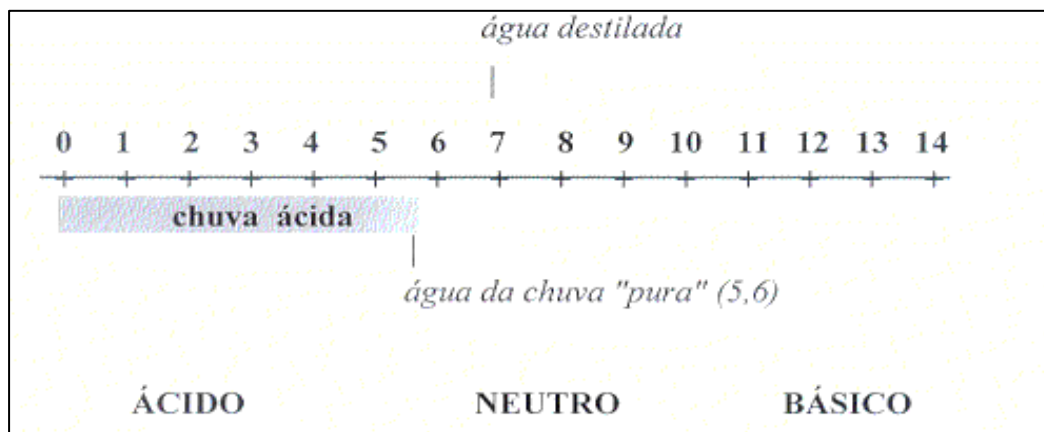
Área	Valor guia
Residencial	3900
Indústria ligeira	6000
Indústria pesada	10500

Fonte : Organização Mundial de Saúde

Acidez da precipitação líquida

As amostragens da águas das precipitações são recolhidas por frascos colocados nos colectores automáticos de precipitação da marca TISCH ENVIROMENTAL, INC.. Estes colectores são constituídos por um frasco para água da precipitação, outro para sedimentação de partículas sólidas e por um sistema electromecânico de controlo. O período de amostragem da água da precipitação com deposição húmida é cerca de uma dia e o de Deposição seca é de uma semana.

Escala de pH



Análise do chumbo (trimestral)

As concentrações do chumbo são determinadas a partir da análise dos filtros das partículas totais em suspensão e das partículas inaláveis em suspensão no período de 24 horas dos amostradores de grande caudal num ciclo de 3 dias. E os respectivos amostradores estão instalados nas estações da Sede dos SMG (Taipa Grande).

Critérios

Utilizam-se dois critérios de comparação que são os seguintes:

Valores guia (24h) da concentração do chumbo na atmosfera à superfície ($\mu\text{g}/\text{m}^3$)

País	Período	Concentração ($\mu\text{g}/\text{m}^3$)
E.U.A. e Hong Kong	3 meses	1,5
U. E. e Portugal	Ano	2,0

自動站

Equipamentos automáticos

序言

澳門空氣質量的自動監測網絡目前由以下幾個監測站所組成：

站名	裝置地點	地點特徵	測量污染物	測量程序 時間/週期
大潭山 (T)	氣象局總站	山頂 一般性環境	PIS (PM ₁₀) SO ₂ , O ₃ NO/NO ₂ /NO _x	24小時連續監測
澳北電站 (M)	澳北電站	商業 高密度住宅區	PIS (PM ₁₀) SO ₂ , O ₃ , CO NO/NO ₂ /NO _x	24小時連續監測
水井斜巷 (M)	水井斜巷	路邊 商業 住宅區	PIS (PM ₁₀) NO/NO ₂ /NO _x CO	24小時連續監測
氹仔市中心 (T)	暫時設置於氹仔大連街	高密度住宅區	PIS (PM ₁₀) O ₃ , CO NO/NO ₂ /NO _x	24小時連續監測
聯生工業村 (C)	聯生變電站	一般性環境	PIS (PM ₁₀) SO ₂ NO/NO ₂ /NO _x	24小時連續監測

備註： (T) 氹仔島 (M) 澳門半島 (C) 路環島

有效數值的定義及統計方法

污染物	測量方法	平均方法	統計規定
CO	非分散紅外光吸收法	日平均	每日至少有75%取樣
		月平均	每月至少有75%日平均有效的日子
NO/NO ₂ /NO _x	化學發光法	日平均	每日至少有75%取樣
		月平均	每月至少有75%日平均有效的日子
O ₃	紫外光測定法	日平均	每日至少有75%取樣
		月平均	每月至少有75%日平均有效的日子
SO ₂	紫外光螢光法	日平均	每日至少有75%取樣
		月平均	每月至少有75%日平均有效的日子
PIS (PM ₁₀)	振盪微型天平	日平均	每日至少有75%取樣
		月平均	每月至少有75%日平均有效的日子

澳門空氣污染物濃度之標準值

污染物		PIS /PM ₁₀ 微克/立方米	SO ₂ 微克/立方米	NO ₂ 微克/立方米	O ₃ 微克/立方米	CO 毫克/立方米
標準值	日平均	150	150	150	160	10
	年平均	100	60	80	80	5

空氣中的輻射

空氣輻射監測站設立在大潭山。

透過測量伽馬射線，該站能監測空氣中輻射的質量。

歐洲的監測網絡之預警報水平是**0.35微格雷/小時(μGy/h)**，而低於此值為正常。

污染物	平均方法	統計規定
伽馬射線	日平均	每日至少有75%取樣
	月平均	每月至少有75%日平均有效的日子

Introdução

São publicados neste relatório os resultados das medições efectuadas durante o mês nas estações automáticas abaixo referidas.

Estação	Localização	Classificação do local	Poluentes medidos	Programa de amostragem
Taipa Grande (T)	Sede dos SMG	Topo da colina Meio ambiente	PIS (PM ₁₀) SO ₂ , O ₃ NO/ NO ₂ /NO _x	Contínuo
Subestação Macau Norte (M)	Subestação Macau Norte	Comercial Alta densidade habitacional	PIS (PM ₁₀) SO ₂ , O ₃ , CO NO/ NO ₂ /NO _x	Contínuo
Calçada do Poço (M)	Calçada do Poço	Berma da rua Comercial Residencia	PIS (PM ₁₀) NO/ NO ₂ /NO _x CO	Contínuo
Cidade Taipa(T)	Temporariamente instalada no Rua de Tai Lin	Alta densidade habitacional	PIS (PM ₁₀) NO/ NO ₂ /NO _x CO, O ₃	Contínuo
Parque Industrial da Concórdia (C)	Subestação Concórdia	Meio ambiente	PIS (PM ₁₀) SO ₂ NO/ NO ₂ /NO _x	Contínuo

NOTA : (M) - Península de Macau, (T) - Ilha de Taipa, (C) - Ilha de Coloane

Método de análise e validação dos dados

Poluente	Método de análise	Média	Válidos
CO	Infravermelho dispersivo	Diária	75%
		Mês	75%
NO/NO ₂ /NO _x	Quimiluminescência	Diária	75%
		Mês	75%
O ₃	Absorção – UV	Diária	75%
		Mês	75%
SO ₂	Fluorescência pulsada	Diária	75%
		Mês	75%
PIS (PM ₁₀)	Tapered element oscillating microbalance	Diária	75%
		Mês	75%

O valor guia sobre densidade dos poluentes do ar em Macau

Poluente	PIS/PM ₁₀ µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	O ₃ µg/m ³	CO mg/m ³
Valor guia diária	150	150	150	160	10
Valor guia do ano	100	60	80	80	5

Radioactividade do ar

A estação de monitorização de radioactividade do ar, em contínuo, está localizada na Taipa Grande.

A estação permite uma vigilância da qualidade do ar sob o ponto de vista radioactivo, detectando a radiação gama.

O nível de pré-alerta utilizado na rede europeia da vigilância é de 0.35µGy/h, abaixo deste valor é considerado situação normal.

Poluente	Média	Válidos
Radiação gama	Diária	75%
	Mês	75%

監測站位置圖

Mapa da localização das estações



總結

Resumo

2010年澳門空氣質量總結

半自動站

鉛

大潭山站因儀器故障，未能提供數值。

沉澱粒子

全年中，大潭山站的沉澱粒子污染物濃度之測量結果都低於標準值(輕工業區：6000 毫克/平方米.每 30 日)。

九澳站全年中有一次上半月高於標準值(輕工業區：6000 毫克/平方米.每 30 日)，而於六月上半月測得的 6747 毫克/平方米為最高。

雨水酸鹼度

大潭山站於全年有五個採樣日高於 5.6 pH 值，其餘都是低於標準值。其中以四月三日測得的 3.4 pH 值為最低。

自動站

可吸入懸浮粒子

整年平均水平分別為大潭山站 50.1 微克/立方米、澳北電站站為 62.0 微克/立方米、水井斜巷站為 62.0 微克/立方米、氹仔市中心站為 48.7 微克/立方米及聯生工業村站為 42.1*微克/立方米，全部都低於長期平均標準值(100 微克/立方米)。

全年中，大潭山站有六個測量日高於日平均標準值(150 微克/立方米)、澳北電站站有七個測量日高於標準值、水井斜巷站有七個測量日高於標準值、氹仔市中心站有三個測量日高於標準值及聯生工業村站有三個測量日高於標準值；同時分別是於三月二十二日錄得之 617.1、616.2、580.8、543.0 及 451.5 微克/立方米為最高，並且都是自 1999 年有紀錄以來錄得的最高日平均值，原因是於三月二十一日至二十三日期間，澳門受到來自蒙古途經華北、華東以至華南等多個城市之沙塵暴影響，使空氣中的可吸入懸浮粒子濃度大幅增加所致。

二氧化硫

整年平均水平分別為大潭山站 10.9 微克/立方米、澳北電站站為 7.1 微克/立方米及聯生工業村站為 13.0*微克/立方米，全部都低

*數據不足下之計算值

於長期平均標準值(60 微克/立方米)。

全年來說，各站均沒有測量日高於日平均標準值(150 微克/立方米)。

二氧化氮

整年平均水平分別為大潭山站 30.3 微克/立方米、澳北電站站為 46.8 微克/立方米、水井斜巷站為 54.1 微克/立方米、氹仔市中心站為 37.0 微克/立方米及聯生工業村站為 35.2*微克/立方米，全部都低於長期平均標準值(80 微克/立方米)。

全年中，水井斜巷站有壹個測量日高於日平均標準值(150 微克/立方米)，是於一月十六日錄得之 155.0 微克/立方米為最高。

臭氧

整年平均水平分別為大潭山站 48.0 微克/立方米、澳北電站站為 24.7 微克/立方米及氹仔市中心站為 43.8 微克/立方米，全部都低於長期平均標準值(80 微克/立方米)。

全年來說，各站均沒有測量日高於日平均標準值(160 微克/立方米)。

一氧化碳

整年平均水平分別為澳北電站站 0.60 毫克/立方米、水井斜巷站為 1.02 毫克/立方米及氹仔市中心站為 0.50 毫克/立方米，全部都低於長期平均標準值(5.00 毫克/立方米)。

全年來說，各站均沒有測量日高於日平均標準值(10.00 毫克/立方米)。

空氣中的輻射

空氣輻射監測站因儀器故障，未能提供數值。

Relatório anual da qualidade do ar de Macau de 2010

ESTACÕES SEMI-AUTOMÁTICAS

Chumbo (Pb)

Encontra-se o amostrador avariado na Estação de Taipa Grande.

Partículas sedimentáveis (PS)

Os níveis de PS, o valor da Estação de Taipa Grande resultou-se ao longo do ano inferior ao valor guia adoptado ($6000\text{mg}/\text{m}^2 \cdot 30$ dias para zona de indústria ligeira).

Os níveis de PS, o valor da Estação Ka-Hó resultou-se ao longo do ano, 1 vez na 1^a quinzena, superior ao valor guia adoptado ($6000\text{mg}/\text{m}^2 \cdot 30$ dias para zona de indústria ligeira). O valor máximo de $6747\text{ mg}/\text{m}^2 \cdot 30$ dias foi registado na 1^a quinzena de Junho.

Acidez da chuva (pH)

Durante o ano, os valores de 5 amostras de pH resultaram superior ao valor 5,6 pH. Os restantes resultaram inferior ao valor deste, nos quais o valor mínimo de 3,4 pH foi registado no dia 3 de Abril.

ESTACÕES AUTOMÁTICAS

Partículas inaláveis em suspensão (PIS/PM₁₀)

A média do ano das Estações da Taipa Grande, do Subestação Macau Norte, da Calçada do Poço, da Cidade Taipa e do Parque Industrial da Concórdia, foram respectivamente de $50,1\mu\text{g}/\text{m}^3$, de $62,0\mu\text{g}/\text{m}^3$, de $62,0\mu\text{g}/\text{m}^3$, de $48,7\mu\text{g}/\text{m}^3$ e de $42,1^* \mu\text{g}/\text{m}^3$. As concentrações registadas foram inferiores ao valor guia para o ano ($100\mu\text{g}/\text{m}^3$).

Ao longo do ano, o valor da Estação da Taipa Grande registou-se 6 dias superior ao valor guia ($150\mu\text{g}/\text{m}^3$), Estação do Subestação Macau Norte - 7 dias, da Estação da Calçada do Poço - 7 dias, da Estação da Cidade Taipa - 3 dias e Estação do Parque Industrial da Concórdia - 3 dias. Dado que nos dias 21 a 23 de Março, o tempo em Macau foi influenciado pela tempestade de poeiras proveniente de Mongólia e que se atravessou pelas muitas cidade de Norte, Leste e Sul do continente chines. Portanto, as concentrações máximas das referidas estações registaram de $617,1\mu\text{g}/\text{m}^3$, $616,2\mu\text{g}/\text{m}^3$, $580,8\mu\text{g}/\text{m}^3$, $543,0\mu\text{g}/\text{m}^3$ e $451,5\mu\text{g}/\text{m}^3$ respectivamente, no dia 22 de Março, as quais foram os valores mais altos desde 1999.

Dióxido de Enxofre (SO₂)

A média do ano foram registados de 10,9µg/m³, de 7,1µg/m³ e de 13,0* µg/m³ pelas Estações da Taipa Grande, do Subestação Macau Norte e do Parque Industrial da Concórdia respectivamente. As concentrações registadas foram inferiores ao valor guia para o ano (60µg/m³).

Durante o ano não se registou concentração superior ao valor guia (150µg/m³) nas respectivas Estações.

Dióxido de azoto (NO₂)

A média do ano foram registados de 30,3µg/m³ , de 46,8µg/m³, de 54,1µg/m³, de 37,0µg/m³ e de 35,2* µg/m³ pelas Estações da Taipa Grande, do Subestação Macau Norte, da Calçada do Poço, da Cidade Taipa e do Parque Industrial da Concórdia, respectivamente. As concentrações registadas foram inferiores ao valor guia para o ano (60µg/m³).

Durante o ano no dia 16 de Janeiro registou-se de 155,0µg/m³ da concentração superior ao valor guia (150µg/m³) pela Estação da Calçada do Poço.

Ozono (O₃)

A média do ano foram registados de 48,0µg/m³, de 24,7µg/m³, e de 43,8µg/m³, pelas Estações da Taipa Grande, do Subestação Macau Norte e da Cidade Taipa, respectivamente. As concentrações registadas foram inferiores ao valor guia para o ano (80µg/m³).

Ao longo do ano não se registou concentração superior ao valor guia (160µg/m³) nas respectivas Estações.

Monóxido de carbono (CO)

A média do ano foram registados de 0,60mg/m³, de 1,02mg/m³ e de 0,50mg/m³ pelas Estações do Subestação Macau Norte, da Calçada do Poço e da Cidade Taipa, respectivamente. As concentrações registadas foram inferiores ao valor guia para o ano (5,00mg/m³).

Durante o ano não se registou concentração superior ao valor guia (10,00mg/m³) nas respectivas Estações.

Radioactividade do ar

A estação de monitorização de radioactividade do ar encontra-se o amostrador avariado.

半自動站資料

Resultados das estações semi-automáticas

鉛 (微克/立方米)

Pb (µg/m³)

大潭山

Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	#	#	#	#	#	#	#	#	#	#	#	#	
2	#	#	#	#	#	#	#	#	#	#	#	#	
3	#	#	#	#	#	#	#	#	#	#	#	#	
4	#	#	#	#	#	#	#	#	#	#	#	#	
5	#	#	#	#	#	#	#	#	#	#	#	#	
6	#	#	#	#	#	#	#	#	#	#	#	#	
7	#	#	#	#	#	#	#	#	#	#	#	#	
8	#	#	#	#	#	#	#	#	#	#	#	#	
9	#	#	#	#	#	#	#	#	#	#	#	#	
10	#	#	#	#	#	#	#	#	#	#	#	#	
11	#	#	#	#	#	#	#	#	#	#	#	#	
12	#	#	#	#	#	#	#	#	#	#	#	#	
13	#	#	#	#	#	#	#	#	#	#	#	#	
14	#	#	#	#	#	#	#	#	#	#	#	#	
15	#	#	#	#	#	#	#	#	#	#	#	#	
16	#	#	#	#	#	#	#	#	#	#	#	#	
17	#	#	#	#	#	#	#	#	#	#	#	#	
18	#	#	#	#	#	#	#	#	#	#	#	#	
19	#	#	#	#	#	#	#	#	#	#	#	#	
20	#	#	#	#	#	#	#	#	#	#	#	#	
21	#	#	#	#	#	#	#	#	#	#	#	#	
22	#	#	#	#	#	#	#	#	#	#	#	#	
23	#	#	#	#	#	#	#	#	#	#	#	#	
24	#	#	#	#	#	#	#	#	#	#	#	#	
25	#	#	#	#	#	#	#	#	#	#	#	#	
26	#	#	#	#	#	#	#	#	#	#	#	#	
27	#	#	#	#	#	#	#	#	#	#	#	#	
28	#	#	#	#	#	#	#	#	#	#	#	#	
29	#	#	#	#	#	#	#	#	#	#	#	#	
30	#	#	#	#	#	#	#	#	#	#	#	#	
31	#	#	#	#	#	#	#	#	#	#	#	#	
最高 MÁX	#	#	#	#	#	#	#	#	#	#	#	#	#
平均 MÉD	#	#	#	#	#	#	#	#	#	#	#	#	#
最低 MÍN	#	#	#	#	#	#	#	#	#	#	#	#	#

沉澱粒子(毫克/平方米.每30日)

PARTÍCULAS SEDIMENTÁVEIS (mg/m². 30 dias)

大潭山

Taipa Grande

		上半月 1a. Quinzena	下半月 2a. Quinzena	平均 MÉD
一月	JAN	2194	1399	1797
二月	FEV	2787	1823	2305
三月	MAR	2205	2283	2244
四月	ABR	2929	3500	3215
五月	MAI	1953	3075	2514
六月	JUN	2578	1448	2013
七月	JUL	1459	1790	1625
八月	AGO	1141	2386	1764
九月	SET	4915	2370	3643
十月	OUT	2589	3600	3095
十一月	NOV	724	2315	1520
十二月	DEZ	2885	1944	2415
全年	ANO			2346

沉澱粒子 (毫克/平方米 . 每30日)
PARTÍCULAS SEDIMENTÁVEIS (mg/m² . 30 dias)

九澳
Ka-Hó

		上半月 1a. Quinzena	下半月 2a. Quinzena	平均 MÉD
一月	JAN	3280	3312	3296
二月	FEV	3730	5076	4403
三月	MAR	3193	2880	3037
四月	ABR	3039	2359	2699
五月	MAI	2787	4186	3487
六月	JUN	6747	483	3615
七月	JUL	1569	1892	1731
八月	AGO	---	---	---
九月	SET	---	---	---
十月	OUT	---	---	---
十一月	NOV	658	3204	1931
十二月	DEZ	4388	2767	3578
全年	ANO			<u>3086</u>

酸雨 (酸鹼度)
ACIDEZ DA CHUVA (pH)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	---	---	---	---	---	---	---	---	---	4.1	---	---	
2	---	---	---	---	---	4.6	---	---	---	---	---	---	
3	3.6	---	---	3.4	---	4.9	---	---	4.2	---	---	---	
4	---	---	---	---	---	3.5	---	---	4.4	---	---	---	
5	---	---	---	---	---	---	---	---	4.6	---	4.0	---	
6	4.2	---	---	---	---	---	---	4.0	---	4.0	4.5	---	
7	---	4.0	4.3	---	4.6	---	---	---	---	---	4.4	---	
8	---	4.8	---	3.9	---	---	---	---	---	---	---	---	
9	---	4.2	---	4.2	---	5.3	---	---	4.4	3.9	---	---	
10	---	---	---	---	5.1	5.1	---	---	---	4.1	---	---	
11	4.0	---	---	3.8	4.4	4.5	---	---	4.5	4.2	---	---	
12	4.0	---	---	---	---	---	5.0	5.0	4.5	---	---	---	
13	---	---	---	---	---	---	---	4.8	4.9	---	---	---	
14	---	4.0	---	---	---	---	---	---	5.0	---	---	---	
15	---	---	---	---	6.2	---	---	5.0	---	4.0	---	---	
16	---	---	---	3.9	---	---	5.2	5.7	---	---	---	4.6	
17	---	---	---	4.7	---	---	5.0	5.2	---	---	---	---	
18	---	---	---	---	---	---	5.8	4.6	---	---	---	---	
19	---	4.0	---	---	---	---	---	4.8	---	---	---	---	
20	---	---	---	---	4.8	---	---	5.0	---	---	---	---	
21	---	---	---	---	---	---	---	---	5.2	---	---	---	
22	---	4.3	---	---	---	---	5.4	---	5.2	---	---	---	
23	---	---	---	5.0	5.2	6.9	5.0	---	4.8	---	---	---	
24	---	---	---	---	---	5.1	4.9	5.4	---	---	---	---	
25	---	---	4.5	---	---	---	---	5.1	---	---	---	---	
26	---	---	---	---	---	5.1	---	---	---	---	---	4.0	
27	---	---	---	---	---	5.6	---	5.0	---	---	---	---	
28	---	---	---	---	---	5.2	5.5	---	---	---	---	---	
29	---	---	---	---	---	5.4	5.4	---	---	---	---	---	
30	3.9	---	---	4.3	4.6	4.3	---	---	---	---	---	---	
31	---	---	---	---	4.0	---	---	---	---	---	---	---	
最高 MÁX	4.2	4.8	4.5	5.0	6.2	6.9	5.8	5.7	5.2	4.2	4.5	4.6	6.9
平均 MÉD	3.9	4.2	4.4	4.2	4.9	5.0	5.2	5.0	4.7	4.1	4.3	4.3	4.5
最低 MÍN	3.6	4.0	4.3	3.4	4.0	3.5	4.9	4.0	4.2	3.9	4.0	4.0	3.4

濕沉降物 - 鈣(毫克/升)
DEPOSIÇÃO HÚMIDA - Ca(mg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	0.9	---	---
2	---	---	---	---	---	0.2	---	---	---	---	---	---
3	1.0	---	---	1.0	---	0.2	---	---	1.3	---	---	---
4	---	---	---	---	---	1.6	---	---	0.2	---	---	---
5	---	---	---	---	---	---	---	---	0.2	---	1.0	---
6	0.3	---	---	---	---	---	---	0.3	---	1.3	0.3	---
7	---	0.4	1.6	---	0.2	---	---	---	---	---	0.2	---
8	---	0.3	---	1.2	---	---	---	---	---	---	---	---
9	---	0.2	---	0.3	---	0.1	---	---	0.3	1.1	---	---
10	---	---	---	---	0.1	0.1	---	---	---	0.7	---	---
11	0.5	---	---	0.7	0.2	0.2	---	---	0.2	0.4	---	---
12	0.6	---	---	---	---	---	0.2	0.2	0.2	---	---	---
13	---	---	---	---	---	---	---	0.2	0.2	---	---	---
14	---	0.8	---	---	---	---	---	---	0.2	---	---	---
15	---	---	---	---	0.8	---	---	0.1	---	0.2	---	---
16	---	---	---	0.7	---	---	0.2	<MDL	---	---	---	0.7
17	---	---	---	0.9	---	---	0.4	<MDL	---	---	---	---
18	---	---	---	---	---	---	0.4	0.2	---	---	---	---
19	---	0.3	---	---	---	---	---	<MDL	---	---	---	---
20	---	---	---	---	0.2	---	---	<MDL	---	---	---	---
21	---	---	---	---	---	---	---	---	0.3	---	---	---
22	---	0.3	---	---	---	---	0.2	---	0.2	---	---	---
23	---	---	---	0.8	0.8	0.3	0.1	---	0.2	---	---	---
24	---	---	---	---	---	0.4	0.3	0.2	---	---	---	---
25	---	---	0.5	---	---	---	---	0.2	---	---	---	---
26	---	---	---	---	---	<MDL	---	---	---	---	---	1.9
27	---	---	---	---	---	0.2	---	0.5	---	---	---	---
28	---	---	---	---	---	0.3	0.3	---	---	---	---	---
29	---	---	---	---	---	0.1	0.3	---	---	---	---	---
30	0.2	---	---	0.5	0.4	0.1	---	---	---	---	---	---
31	---	---	---	---	0.4	---	---	---	---	---	---	---

濕沉降物 - 鉀(毫克/升)
DEPOSIÇÃO HÚMIDA - K(mg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	0.13	---	---
2	---	---	---	---	---	<MDL	---	---	---	---	---	---
3	0.65	---	---	0.39	---	<MDL	---	---	0.16	---	---	---
4	---	---	---	---	---	0.24	---	---	<MDL	---	---	---
5	---	---	---	---	---	---	---	---	<MDL	---	0.17	---
6	0.12	---	---	---	---	---	---	<MDL	---	0.15	<MDL	---
7	---	0.34	0.54	---	0.10	---	---	---	---	---	0.11	---
8	---	0.12	---	0.53	---	---	---	---	---	---	---	---
9	---	0.15	---	0.26	---	<MDL	---	---	<MDL	0.24	---	---
10	---	---	---	---	<MDL	<MDL	---	---	---	0.26	---	---
11	0.23	---	---	0.40	<MDL	<MDL	---	---	<MDL	0.14	---	---
12	0.11	---	---	---	---	---	<MDL	<MDL	<MDL	---	---	---
13	---	---	---	---	---	---	---	<MDL	<MDL	---	---	---
14	---	0.72	---	---	---	---	---	---	<MDL	---	---	---
15	---	---	---	---	0.17	---	---	<MDL	---	<MDL	---	---
16	---	---	---	0.25	---	---	<MDL	<MDL	---	---	---	0.10
17	---	---	---	0.25	---	---	<MDL	<MDL	---	---	---	---
18	---	---	---	---	---	---	<MDL	<MDL	---	---	---	---
19	---	0.28	---	---	---	---	---	<MDL	---	---	---	---
20	---	---	---	---	<MDL	---	---	<MDL	---	---	---	---
21	---	---	---	---	---	---	---	---	<MDL	---	---	---
22	---	0.26	---	---	---	---	<MDL	---	<MDL	---	---	---
23	---	---	---	0.14	0.23	<MDL	<MDL	---	<MDL	---	---	---
24	---	---	---	---	---	<MDL	<MDL	<MDL	---	---	---	---
25	---	---	0.14	---	---	---	---	<MDL	---	---	---	---
26	---	---	---	---	---	<MDL	---	---	---	---	---	0.39
27	---	---	---	---	---	0.17	---	0.10	---	---	---	---
28	---	---	---	---	---	<MDL	<MDL	---	---	---	---	---
29	---	---	---	---	---	<MDL	<MDL	---	---	---	---	---
30	0.17	---	---	0.13	<MDL	<MDL	---	---	---	---	---	---
31	---	---	---	---	<MDL	---	---	---	---	---	---	---

濕沉降物 - 鈉(毫克/升)
DEPOSIÇÃO HÚMIDA - Na(mg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	0.72	---	---
2	---	---	---	---	---	0.64	---	---	---	---	---	---
3	6.05	---	---	1.78	---	0.30	---	---	0.31	---	---	---
4	---	---	---	---	---	0.48	---	---	0.76	---	---	---
5	---	---	---	---	---	---	---	---	0.86	---	0.53	---
6	0.68	---	---	---	---	---	---	0.31	---	1.11	0.24	---
7	---	2.99	3.76	---	0.57	---	---	---	---	---	0.43	---
8	---	0.39	---	5.91	---	---	---	---	---	---	---	---
9	---	0.87	---	0.64	---	0.11	---	---	0.40	2.22	---	---
10	---	---	---	---	0.25	<MDL	---	---	---	2.96	---	---
11	1.73	---	---	4.07	0.27	0.16	---	---	0.18	2.16	---	---
12	0.70	---	---	---	---	---	1.20	0.41	0.21	---	---	---
13	---	---	---	---	---	---	---	0.54	0.35	---	---	---
14	---	4.09	---	---	---	---	---	---	0.69	---	---	---
15	---	---	---	---	2.15	---	---	0.28	---	0.41	---	---
16	---	---	---	0.90	---	---	1.10	0.14	---	---	---	0.75
17	---	---	---	1.14	---	---	2.42	0.14	---	---	---	---
18	---	---	---	---	---	---	0.71	0.57	---	---	---	---
19	---	0.38	---	---	---	---	---	0.67	---	---	---	---
20	---	---	---	---	0.28	---	---	0.33	---	---	---	---
21	---	---	---	---	---	---	---	---	0.11	---	---	---
22	---	0.94	---	---	---	---	0.65	---	1.07	---	---	---
23	---	---	---	0.86	4.03	0.34	0.69	---	0.91	---	---	---
24	---	---	---	---	---	1.70	1.17	0.62	---	---	---	---
25	---	---	0.57	---	---	---	---	0.85	---	---	---	---
26	---	---	---	---	---	0.13	---	---	---	---	---	1.36
27	---	---	---	---	---	0.16	---	1.02	---	---	---	---
28	---	---	---	---	---	0.79	0.96	---	---	---	---	---
29	---	---	---	---	---	0.24	0.60	---	---	---	---	---
30	0.89	---	---	0.82	0.42	0.44	---	---	---	---	---	---
31	---	---	---	---	0.21	---	---	---	---	---	---	---

濕沉降物 - 鎂(毫克/升)
DEPOSIÇÃO HÚMIDA - Mg(mg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	0.13	---	---
2	---	---	---	---	---	0.09	---	---	---	---	---	---
3	0.75	---	---	0.26	---	0.05	---	---	<MDL	---	---	---
4	---	---	---	---	---	0.09	---	---	<MDL	---	---	---
5	---	---	---	---	---	---	---	---	0.11	---	0.12	---
6	0.10	---	---	---	---	---	---	<MDL	---	0.20	<MDL	---
7	---	0.38	0.55	---	0.09	---	---	---	---	---	<MDL	---
8	---	0.07	---	0.70	---	---	---	---	---	---	---	---
9	---	0.12	---	0.10	---	<MDL	---	---	<MDL	0.30	---	---
10	---	---	---	---	<MDL	<MDL	---	---	---	0.38	---	---
11	0.25	---	---	0.47	<MDL	<MDL	---	---	<MDL	0.27	---	---
12	0.12	---	---	---	---	---	0.15	<MDL	<MDL	---	---	---
13	---	---	---	---	---	---	---	<MDL	<MDL	---	---	---
14	---	0.50	---	---	---	---	---	---	<MDL	---	---	---
15	---	---	---	---	0.27	---	---	<MDL	---	<MDL	---	---
16	---	---	---	0.14	---	---	0.14	<MDL	---	---	---	0.13
17	---	---	---	0.23	---	---	0.28	<MDL	---	---	---	---
18	---	---	---	---	---	---	<MDL	<MDL	---	---	---	---
19	---	0.07	---	---	---	---	---	<MDL	---	---	---	---
20	---	---	---	---	<MDL	---	---	<MDL	---	---	---	---
21	---	---	---	---	---	---	---	---	<MDL	---	---	---
22	---	0.14	---	---	---	---	<MDL	---	0.14	---	---	---
23	---	---	---	0.19	0.47	0.05	<MDL	---	0.12	---	---	---
24	---	---	---	---	---	0.22	0.15	<MDL	---	---	---	---
25	---	---	0.10	---	---	---	---	0.11	---	---	---	---
26	---	---	---	---	---	<MDL	---	---	---	---	---	0.26
27	---	---	---	---	---	<MDL	---	0.14	---	---	---	---
28	---	---	---	---	---	0.11	0.13	---	---	---	---	---
29	---	---	---	---	---	<MDL	<MDL	---	---	---	---	---
30	0.13	---	---	0.16	0.06	0.06	---	---	---	---	---	---
31	---	---	---	---	0.05	---	---	---	---	---	---	---

濕沉降物 - 硫酸鹽(毫克/升)
DEPOSIÇÃO HÚMIDA - SO₄(mg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	4.7	---	---
2	---	---	---	---	---	1.4	---	---	---	---	---	---
3	20.0	---	---	13.8	---	1.0	---	---	7.6	---	---	---
4	---	---	---	---	---	12.2	---	---	4.5	---	---	---
5	---	---	---	---	---	---	---	---	2.3	---	5.0	---
6	4.2	---	---	---	---	---	---	3.1	---	5.8	2.6	---
7	---	5.6	9.2	---	1.4	---	---	---	---	---	2.0	---
8	---	1.4	---	9.4	---	---	---	---	---	---	---	---
9	---	3.1	---	3.1	---	<MDL	---	---	3.0	8.1	---	---
10	---	---	---	---	0.8	<MDL	---	---	---	4.0	---	---
11	7.9	---	---	8.4	1.7	1.1	---	---	2.4	3.1	---	---
12	6.3	---	---	---	---	---	1.2	0.8	2.2	---	---	---
13	---	---	---	---	---	---	---	1.0	1.0	---	---	---
14	---	10.0	---	---	---	---	---	---	1.0	---	---	---
15	---	---	---	---	1.2	---	---	<MDL	---	4.9	---	---
16	---	---	---	7.5	---	---	0.9	<MDL	---	---	---	2.9
17	---	---	---	2.3	---	---	1.8	<MDL	---	---	---	---
18	---	---	---	---	---	---	0.7	1.2	---	---	---	---
19	---	6.1	---	---	---	---	---	0.9	---	---	---	---
20	---	---	---	---	0.5	---	---	0.6	---	---	---	---
21	---	---	---	---	---	---	---	---	1.4	---	---	---
22	---	2.9	---	---	---	---	0.6	---	1.0	---	---	---
23	---	---	---	1.2	2.4	<MDL	0.7	---	1.5	---	---	---
24	---	---	---	---	---	1.3	1.4	0.7	---	---	---	---
25	---	---	2.6	---	---	---	---	0.8	---	---	---	---
26	---	---	---	---	---	0.6	---	---	---	---	---	7.1
27	---	---	---	---	---	<MDL	---	1.3	---	---	---	---
28	---	---	---	---	---	1.0	0.6	---	---	---	---	---
29	---	---	---	---	---	<MDL	0.6	---	---	---	---	---
30	5.3	---	---	2.3	1.1	2.2	---	---	---	---	---	---
31	---	---	---	---	5.5	---	---	---	---	---	---	---

濕沉降物 - 氨(毫克/升)
DEPOSIÇÃO HÚMIDA - NH4(mg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	0.90	---	---
2	---	---	---	---	---	0.19	---	---	---	---	---	---
3	4.42	---	---	3.90	---	0.28	---	---	1.54	---	---	---
4	---	---	---	---	---	2.30	---	---	0.74	---	---	---
5	---	---	---	---	---	---	---	---	0.46	---	0.66	---
6	0.42	---	---	---	---	---	---	0.63	---	0.80	0.37	---
7	---	0.87	2.10	---	0.41	---	---	---	---	---	0.17	---
8	---	0.17	---	2.05	---	---	---	---	---	---	---	---
9	---	0.34	---	0.88	---	<MDL	---	---	0.33	1.52	---	---
10	---	---	---	---	0.22	<MDL	---	---	---	0.37	---	---
11	1.75	---	---	1.40	0.37	0.14	---	---	0.30	0.24	---	---
12	0.33	---	---	---	---	---	<MDL	<MDL	0.13	---	---	---
13	---	---	---	---	---	---	---	0.10	0.13	---	---	---
14	---	2.53	---	---	---	---	---	---	<MDL	---	---	---
15	---	---	---	---	<MDL	---	---	<MDL	---	0.97	---	---
16	---	---	---	1.51	---	---	<MDL	<MDL	---	---	---	0.49
17	---	---	---	0.72	---	---	<MDL	<MDL	---	---	---	---
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19	---	0.97	---	---	---	---	---	0.10	---	---	---	---
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23	---	---	---	0.24	0.42	<MDL	<MDL	---	<MDL	---	---	---
24	---	---	---	---	---	0.16	0.32	<MDL	---	---	---	---
25	---	---	0.71	---	---	---	---	<MDL	---	---	---	---
26	---	---	---	---	---	0.11	---	---	---	---	---	1.38
27	---	---	---	---	---	<MDL	---	<MDL	---	---	---	---
28	---	---	---	---	---	0.14	<MDL	---	---	---	---	---
29	---	---	---	---	---	<MDL	<MDL	---	---	---	---	---
30	0.49	---	---	0.58	0.19	<MDL	---	---	---	---	---	---
31	---	---	---	---	0.87	---	---	---	---	---	---	---

濕沉降物 - 硝酸鹽(毫克/升)
DEPOSIÇÃO HÚMIDA - NO3(mg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	5.60	---	---
2	---	---	---	---	---	0.70	---	---	---	---	---	---
3	14.00	---	---	10.10	---	0.80	---	---	3.90	---	---	---
4	---	---	---	---	---	12.10	---	---	1.00	---	---	---
5	---	---	---	---	---	---	---	---	1.00	---	4.60	---
6	2.40	---	---	---	---	---	---	3.50	---	6.30	1.40	---
7	---	5.10	5.60	---	1.40	---	---	---	---	---	0.90	---
8	---	0.70	---	5.90	---	---	---	---	---	---	---	---
9	---	2.60	---	2.20	---	<MDL	---	---	1.50	7.80	---	---
10	---	---	---	---	0.70	<MDL	---	---	---	3.80	---	---
11	5.00	---	---	7.10	1.30	1.00	---	---	1.20	3.40	---	---
12	2.50	---	---	---	---	---	1.00	<MDL	1.60	---	---	---
13	---	---	---	---	---	---	---	0.70	0.80	---	---	---
14	---	5.40	---	---	---	---	---	---	0.70	---	---	---
15	---	---	---	---	3.70	---	---	<MDL	---	3.50	---	---
16	---	---	---	2.60	---	---	<MDL	<MDL	---	---	---	1.30
17	---	---	---	2.00	---	---	0.50	<MDL	---	---	---	---
18	---	---	---	---	---	---	<MDL	0.70	---	---	---	---
19	---	2.30	---	---	---	---	---	<MDL	---	---	---	---
20	---	---	---	---	0.60	---	---	<MDL	---	---	---	---
21	---	---	---	---	---	---	---	---	0.60	---	---	---
22	---	2.40	---	---	---	---	<MDL	---	0.60	---	---	---
23	---	---	---	0.80	2.60	<MDL	<MDL	---	0.70	---	---	---
24	---	---	---	---	---	1.20	1.30	<MDL	---	---	---	---
25	---	---	1.50	---	---	---	---	<MDL	---	---	---	---
26	---	---	---	---	---	<MDL	---	---	---	---	---	4.80
27	---	---	---	---	---	<MDL	---	0.80	---	---	---	---
28	---	---	---	---	---	0.60	0.60	---	---	---	---	---
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30	3.20	---	---	1.80	1.10	0.70	---	---	---	---	---	---
31	---	---	---	---	2.70	---	---	---	---	---	---	---

濕沉降物 - 氯化物(毫克/升)
DEPOSIÇÃO HÚMIDA - Cl(mg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	1.5	---	---
2	---	---	---	---	---	1.3	---	---	---	---	---	---
3	12.0	---	---	3.3	---	0.6	---	---	0.8	---	---	---
4	---	---	---	---	---	2.2	---	---	1.5	---	---	---
5	---	---	---	---	---	---	---	---	1.6	---	1.3	---
6	1.5	---	---	---	---	---	---	0.7	---	2.0	0.5	---
7	---	4.9	5.0	---	0.9	---	---	---	---	---	0.8	---
8	---	0.9	---	8.6	---	---	---	---	---	---	---	---
9	---	1.6	---	1.3	---	<MDL	---	---	0.8	4.3	---	---
10	---	---	---	---	<MDL	<MDL	---	---	---	3.7	---	---
11	3.4	---	---	4.9	0.5	0.5	---	---	<MDL	6.6	---	---
12	1.5	---	---	---	---	---	1.9	0.7	0.6	---	---	---
13	---	---	---	---	---	---	---	0.9	0.7	---	---	---
14	---	7.1	---	---	---	---	---	---	1.2	---	---	---
15	---	---	---	---	1.4	---	---	<MDL	---	0.9	---	---
16	---	---	---	1.4	---	---	1.8	<MDL	---	---	---	1.3
17	---	---	---	1.3	---	---	3.8	<MDL	---	---	---	---
18	---	---	---	---	---	---	1.2	1.0	---	---	---	---
19	---	1.0	---	---	---	---	---	1.1	---	---	---	---
20	---	---	---	---	<MDL	---	---	0.7	---	---	---	---
21	---	---	---	---	---	---	---	---	<MDL	---	---	---
22	---	1.2	---	---	---	---	1.1	---	1.9	---	---	---
23	---	---	---	1.0	6.2	0.5	1.2	---	1.7	---	---	---
24	---	---	---	---	---	2.6	1.8	1.2	---	---	---	---
25	---	---	1.0	---	---	---	---	1.5	---	---	---	---
26	---	---	---	---	---	<MDL	---	---	---	---	---	2.6
27	---	---	---	---	---	<MDL	---	1.8	---	---	---	---
28	---	---	---	---	---	1.2	1.5	---	---	---	---	---
29	---	---	---	---	---	<MDL	0.9	---	---	---	---	---
30	2.0	---	---	1.4	0.7	0.8	---	---	---	---	---	---
31	---	---	---	---	0.7	---	---	---	---	---	---	---

濕沉降物 - 鋅(毫克/升)
DEPOSIÇÃO HÚMIDA - Zn(mg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	0.071	---	---
2	---	---	---	---	---	<MDL	---	---	---	---	---	---
3	0.187	---	---	0.369	---	<MDL	---	---	0.153	---	---	---
4	---	---	---	---	---	0.128	---	---	0.023	---	---	---
5	---	---	---	---	---	---	---	---	0.011	---	0.134	---
6	0.121	---	---	---	---	---	---	0.039	---	0.061	0.036	---
7	---	<MDL	0.086	---	<MDL	---	---	---	---	---	0.034	---
8	---	<MDL	---	<MDL	---	---	---	---	---	---	---	---
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11	0.125	---	---	0.073	<MDL	<MDL	---	---	0.019	0.039	---	---
12	0.068	---	---	---	---	---	0.010	<MDL	0.015	---	---	---
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14	---	0.058	---	---	---	---	---	---	<MDL	---	---	---
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27	---	---	---	---	---	<MDL	---	0.021	---	---	---	---
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30	0.060	---	---	<MDL	<MDL	<MDL	---	---	---	---	---	---
31	---	---	---	---	0.051	---	---	---	---	---	---	---

濕沉降物 - 鎘(微克/升)
DEPOSIÇÃO HÚMIDA - Cd(µg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	<MDL	---	---
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17	---	---	---	<MDL	---	---	<MDL	<MDL	---	---	---	---
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27	---	---	---	---	---	<MDL	---	<MDL	---	---	---	---
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30	<MDL	---	---	<MDL	<MDL	<MDL	---	---	---	---	---	---
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濕沉降物 - 鉛(微克/升)
DEPOSIÇÃO HÚMIDA - Pb(µg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	<MDL	---	---
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7	---	<MDL	<MDL	---	<MDL	---	---	---	---	---	<MDL	---
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14	---	<MDL	---	---	---	---	---	---	<MDL	---	---	---
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17	---	---	---	<MDL	---	---	<MDL	<MDL	---	---	---	---
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27	---	---	---	---	---	<MDL	---	<MDL	---	---	---	---
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29	---	---	---	---	---	<MDL	<MDL	---	---	---	---	---
30	<MDL	---	---	<MDL	<MDL	<MDL	---	---	---	---	---	---
31	---	---	---	---	<MDL	---	---	---	---	---	---	---

濕沉降物 - 銅(微克/升)
DEPOSIÇÃO HÚMIDA -Cu(µg/l)

大潭山
Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ
1	---	---	---	---	---	---	---	---	---	<MDL	---	---
2	---	---	---	---	---	<MDL	---	---	---	---	---	---
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7	---	<MDL	<MDL	---	<MDL	---	---	---	---	---	<MDL	---
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21	---	---	---	---	---	---	---	---	<MDL	---	---	---
22	---	<MDL	---	---	---	---	<MDL	---	<MDL	---	---	---
23	---	---	---	<MDL	<MDL	<MDL	<MDL	---	<MDL	---	---	---
24	---	---	---	---	---	<MDL	<MDL	<MDL	---	---	---	---
25	---	---	<MDL	---	---	---	---	<MDL	---	---	---	---
26	---	---	---	---	---	<MDL	---	---	---	---	---	11.000
27	---	---	---	---	---	<MDL	---	<MDL	---	---	---	---
28	---	---	---	---	---	<MDL	<MDL	---	---	---	---	---
29	---	---	---	---	---	<MDL	<MDL	---	---	---	---	---
30	<MDL	---	---	<MDL	<MDL	<MDL	---	---	---	---	---	---
31	---	---	---	---	<MDL	---	---	---	---	---	---	---

乾沉降物
DEPOSIÇÃO SECA

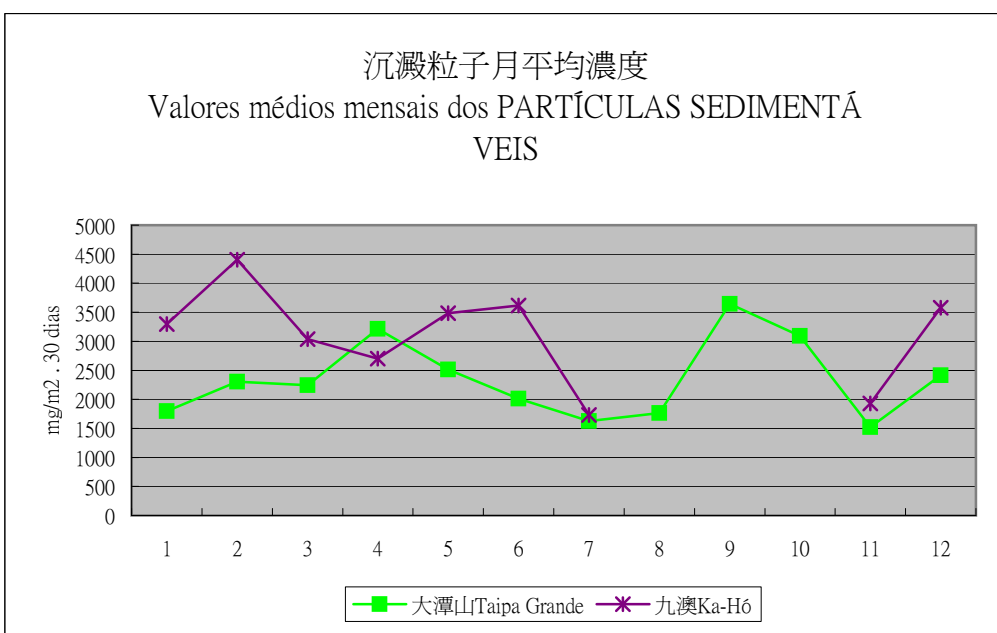
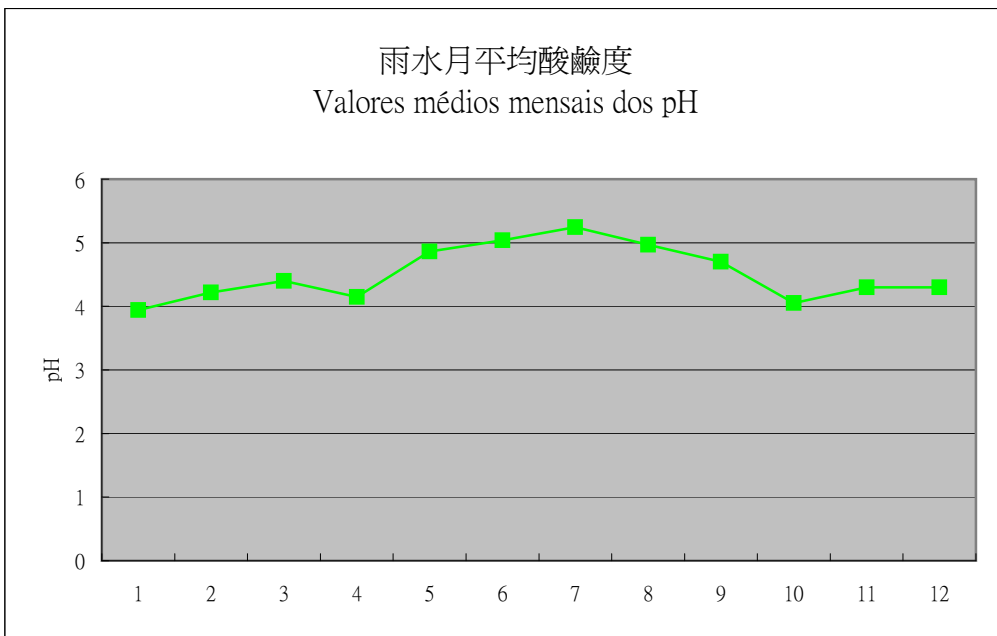
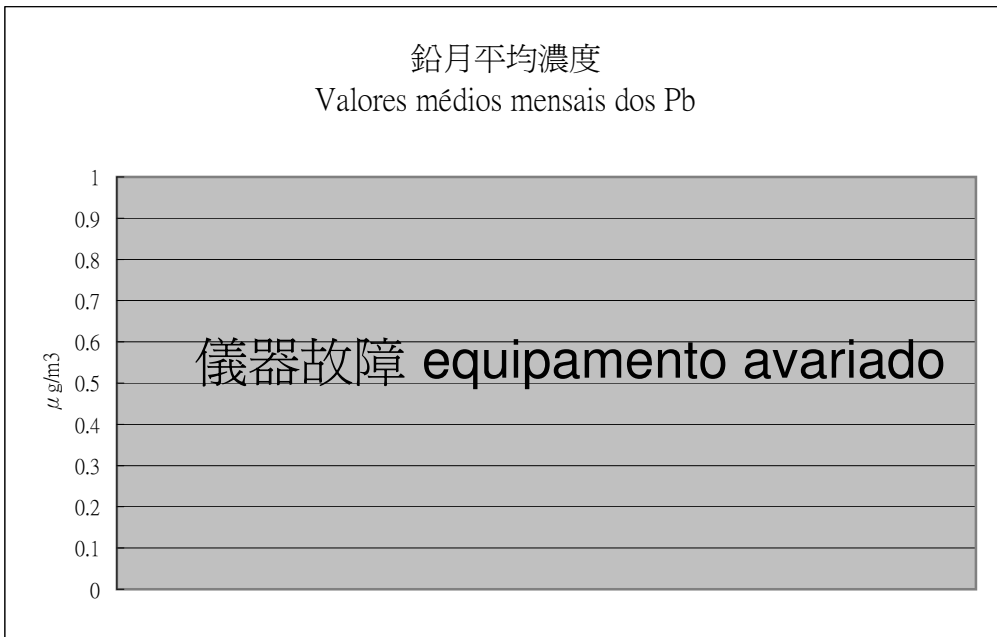
大潭山
Taipa Grande

起始日期	結束日期	酸鹼度	導電率 (μ S/cm)	鈣 (毫克/升)	鉀 (毫克/升)	鈉 (毫克/升)	鎂 (毫克/升)	硫酸鹽 (毫克/升)	氨 (毫克/升)	硝酸鹽 (毫克/升)	氯化物 (毫克/升)	鋅 (毫克/升)	鎘 (微克/升)	鉛 (微克/升)	銅 (微克/升)
Start date	End date	pH	COND (μ S/cm)	Ca (mg/l)	K (mg/l)	Na (mg/l)	Mg (mg/l)	SO ₄ (mg/l)	NH ₄ (mg/l)	NO ₃ (mg/l)	Cl (mg/l)	Zn (mg/l)	Cd (μ g/l)	Pb (μ g/l)	Cu (μ g/l)
2010-01-07	2010-01-13	6.8	23.0	2.0	0.19	1.15	0.25	3.0	0.50	3.00	1.7	0.07	<MDL	<MDL	<MDL
2010-01-14	2010-01-20	6.0	25.0	1.9	0.18	1.82	0.30	2.4	0.16	4.10	2.2	0.06	<MDL	<MDL	<MDL
2010-01-21	2010-01-27	6.6	28.0	1.9	0.26	2.25	0.32	3.3	0.43	3.10	3.2	0.07	<MDL	<MDL	<MDL
2010-01-28	2010-02-03	5.5	30.0	1.4	0.37	2.46	0.35	3.6	0.39	5.80	2.3	0.09	<MDL	<MDL	<MDL
2010-02-11	2010-02-17	6.0	33.0	1.4	0.39	1.60	0.30	4.9	1.03	2.60	3.1	<MDL	<MDL	<MDL	<MDL
2010-02-18	2010-02-24	5.5	18.0	0.9	0.26	1.24	0.20	2.6	0.46	2.90	0.8	<MDL	<MDL	<MDL	<MDL
2010-02-25	2010-03-03	6.2	30.2	2.4	0.32	2.41	0.35	5.0	0.12	3.50	2.5	<MDL	<MDL	<MDL	<MDL
2010-03-04	2010-03-10	6.8	21.0	1.7	0.23	1.39	0.22	2.5	0.21	1.80	1.6	<MDL	<MDL	<MDL	<MDL
2010-03-11	2010-03-17	6.4	30.0	2.0	0.22	1.99	0.32	3.6	0.49	4.60	1.9	0.06	<MDL	<MDL	<MDL
2010-03-18	2010-03-24	5.9	31.0	3.2	0.24	1.87	0.37	4.4	0.11	5.80	2.2	0.06	<MDL	<MDL	<MDL
2010-03-25	2010-03-31	6.7	35.0	2.3	0.35	3.77	0.50	2.5	0.14	3.20	5.5	<MDL	<MDL	<MDL	<MDL
2010-04-01	2010-04-07	5.5	46.0	1.5	0.39	5.32	0.66	4.8	0.86	8.10	5.0	0.06	<MDL	<MDL	<MDL
2010-04-08	2010-04-14	8.6	55.0	1.0	0.26	3.77	0.44	2.3	0.19	3.30	4.1	<MDL	<MDL	<MDL	<MDL
2010-04-15	2010-04-21	5.9	24.0	1.0	0.25	2.58	0.36	2.4	0.32	3.70	2.5	<MDL	<MDL	<MDL	<MDL
2010-04-22	2010-04-28	6.3	26.0	1.7	0.26	2.56	0.38	2.2	0.15	3.50	3.5	<MDL	<MDL	<MDL	<MDL
2010-04-29	2010-05-05	6.3	17.0	1.1	0.14	1.27	0.22	1.6	<MDL	3.40	1.2	<MDL	<MDL	<MDL	<MDL
2010-05-06	2010-05-12	6.4	14.0	0.9	0.13	1.13	0.18	1.4	<MDL	2.30	0.9	<MDL	<MDL	<MDL	<MDL
2010-05-13	2010-05-19	4.7	22.0	0.3	0.10	1.10	0.17	2.2	0.31	2.00	1.5	<MDL	<MDL	<MDL	<MDL
2010-05-20	2010-05-26	6.6	18.0	1.2	0.26	1.71	0.24	1.6	<MDL	2.50	1.7	<MDL	<MDL	<MDL	<MDL
2010-05-27	2010-06-02	6.3	11.0	0.6	<MDL	0.58	0.10	1.0	<MDL	1.10	0.8	<MDL	<MDL	<MDL	<MDL
2010-06-03	2010-06-09	6.0	6.0	0.6	<MDL	0.22	0.06	0.8	<MDL	0.80	<MDL	<MDL	<MDL	<MDL	<MDL
2010-06-10	2010-06-16	7.7	17.0	1.8	0.19	1.05	0.17	2.2	<MDL	1.60	1.3	<MDL	<MDL	<MDL	<MDL
2010-06-24	2010-06-30	5.8	4.0	0.2	<MDL	0.17	<MDL	0.5	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
2010-07-01	2010-07-07	8.8	18.0	2.7	0.14	0.86	0.16	1.0	<MDL	0.80	1.6	<MDL	<MDL	<MDL	<MDL
2010-07-08	2010-07-14	7.1	16.0	1.5	0.17	1.18	0.17	1.2	<MDL	1.00	2.0	<MDL	<MDL	<MDL	<MDL
2010-07-15	2010-07-21	7.0	18.0	0.7	0.15	2.32	0.27	1.6	<MDL	1.50	2.7	0.02	<MDL	<MDL	<MDL
2010-07-22	2010-07-28	7.3	18.0	0.9	0.15	2.04	0.25	1.2	<MDL	1.30	2.7	0.01	<MDL	<MDL	<MDL

乾沉降物
DEPOSIÇÃO SECA

大潭山
Taipa Grande

起始日期	結束日期	酸鹼度	導電率 (μ S/cm)	鈣 (毫克/升)	鉀 (毫克/升)	鈉 (毫克/升)	鎂 (毫克/升)	硫酸鹽 (毫克/升)	氨 (毫克/升)	硝酸鹽 (毫克/升)	氯化物 (毫克/升)	鋅 (毫克/升)	鎘 (微克/升)	鉛 (微克/升)	銅 (微克/升)
Start date	End date	pH	COND (μ S/cm)	Ca (mg/l)	K (mg/l)	Na (mg/l)	Mg (mg/l)	SO ₄ (mg/l)	NH ₄ (mg/l)	NO ₃ (mg/l)	Cl (mg/l)	Zn (mg/l)	Cd (μ g/l)	Pb (μ g/l)	Cu (μ g/l)
2010-07-29	2010-08-04	7.7	13.0	1.4	<MDL	0.83	0.12	1.0	<MDL	0.70	1.4	<MDL	<MDL	<MDL	<MDL
2010-08-05	2010-08-11	7.7	18.0	1.9	0.17	0.82	0.16	2.1	<MDL	2.80	1.1	0.03	<MDL	<MDL	<MDL
2010-08-12	2010-08-18	6.6	8.0	0.8	<MDL	0.61	0.12	0.9	<MDL	0.50	0.7	0.01	<MDL	<MDL	<MDL
2010-08-19	2010-08-25	7.7	16.0	0.6	0.11	1.44	0.20	1.0	<MDL	1.50	1.9	0.01	<MDL	<MDL	<MDL
2010-08-26	2010-09-01	6.7	18.0	2.2	0.15	0.51	0.13	1.8	0.15	3.50	0.7	0.02	<MDL	<MDL	<MDL
2010-09-02	2010-09-08	7.6	19.0	2.0	0.16	0.73	0.16	2.1	<MDL	2.50	1.1	0.03	<MDL	<MDL	<MDL
2010-09-09	2010-09-15	6.6	4.0	0.3	<MDL	0.17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
2010-09-16	2010-09-22	6.4	3.0	0.2	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
2010-09-30	2010-10-06	7.3	14.0	1.6	0.22	0.76	0.14	1.2	<MDL	2.60	0.9	0.01	<MDL	<MDL	<MDL
2010-10-07	2010-10-13	6.7	22.0	0.1	<MDL	<MDL	<MDL	1.8	<MDL	3.80	2.3	<MDL	<MDL	41.00	<MDL
2010-10-14	2010-10-20	7.9	23.0	2.4	0.25	1.20	0.22	1.7	0.12	3.30	1.5	0.01	<MDL	<MDL	<MDL
2010-10-21	2010-10-27	8.4	23.0	3.8	0.29	0.47	0.19	1.9	0.12	2.80	0.9	0.02	<MDL	<MDL	<MDL
2010-10-28	2010-11-03	6.6	27.0	3.0	0.29	1.17	0.24	2.3	0.16	4.50	1.9	0.03	<MDL	<MDL	<MDL
2010-11-04	2010-11-10	6.2	19.0	1.9	0.21	0.80	0.17	2.6	0.21	3.60	0.9	0.06	<MDL	<MDL	<MDL
2010-11-11	2010-11-17	6.9	24.0	1.9	0.30	1.90	0.31	2.8	0.16	5.20	1.7	0.05	<MDL	<MDL	<MDL
2010-11-18	2010-11-24	6.4	23.0	2.4	0.22	0.95	0.23	2.7	0.15	4.30	1.2	0.06	<MDL	<MDL	<MDL
2010-11-25	2010-12-01	6.6	28.0	2.6	0.25	1.49	0.30	2.9	0.24	5.20	1.9	0.07	<MDL	<MDL	<MDL
2010-12-02	2010-12-08	7.7	36.0	4.5	0.33	1.71	0.37	3.0	0.28	6.40	2.2	0.21	<MDL	<MDL	<MDL
2010-12-09	2010-12-15	6.2	38.0	2.2	0.25	3.18	0.48	3.5	0.73	5.80	4.5	0.07	<MDL	<MDL	<MDL
2010-12-16	2010-12-22	6.5	19.0	2.1	0.15	0.64	0.16	1.7	0.29	4.10	1.0	0.05	<MDL	<MDL	<MDL
2010-12-23	2010-12-29	7.1	27.0	2.4	0.21	1.83	0.30	2.8	0.33	5.10	2.2	0.05	<MDL	<MDL	<MDL
2010-12-30	2011-01-05	6.9	25.0	2.7	0.19	1.18	0.24	7.4	0.22	4.10	2.6	0.05	<MDL	<MDL	<MDL



自動站資料

Resultados das estações automáticas

可吸入懸浮粒子(微克/立方米)

PIS(PM10) (µg/m³)

大潭山

Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	101.1	34.7	34.2	50.3	54.4	36.3	14.3	13.0	135.7	32.0	108.2	58.5	
2	87.8	49.0	28.5	43.1	42.8	15.1	14.8	9.1	102.3	44.6	87.2	93.4	
3	21.8	57.4	30.9	32.1	55.2	40.5	14.9	11.4	41.9	58.1	96.7	78.3	
4	51.6	29.7	27.4	53.5	57.6	70.4	20.3	25.9	26.1	68.7	114.4	87.1	
5	79.7	36.2	25.9	45.9	20.1	43.9	23.6	57.5	15.5	78.8	122.8	84.1	
6	47.9	31.5	23.4	35.5	11.6	33.6	21.7	44.0	24.3	79.9	78.4	104.4	
7	36.6	14.2	39.4	32.0	16.8	34.8	21.6	29.8	16.0	58.3	128.9	150.8	
8	47.9	18.3	18.5	44.3	25.1	26.4	19.3	20.5	41.4	91.1	90.1	123.4	
9	64.9	24.4	26.4	44.3	23.1	8.6	13.4	24.0	26.6	71.2	109.2	97.0	
10	85.0	19.1	84.2	27.6	21.0	6.4	12.2	10.8	26.0	33.3	104.5	81.6	
11	39.2	19.9	84.8	24.2	43.5	80.5	13.4	13.1	8.1	45.0	104.2	123.6	
12	68.4	41.6	111.4	26.1	55.8	102.1	11.2	11.7	9.5	34.9	65.2	87.6	
13	98.8	23.5	86.2	27.4	75.3	9.9	12.8	13.5	11.4	35.6	64.9	68.0	
14	89.8	37.0	43.8	45.8	86.8	15.7	12.5	14.1	13.4	41.5	68.4	61.8	
15	78.9	15.6	15.6	18.5	27.6	20.2	19.9	9.7	18.6	40.7	66.2	26.2	
16	116.0	18.7	68.9	35.7	40.8	17.6	15.1	9.2	19.8	56.3	107.1	18.2	
17	89.0	21.5	83.2	~	27.7	18.6	16.5	12.0	18.3	64.7	74.1	57.9	
18	55.7	50.6	133.0	39.7	19.3	~	13.4	15.5	28.0	76.8	98.5	73.6	
19	44.8	34.3	62.2	48.6	14.9	16.5	13.2	13.8	50.3	86.9	100.4	96.5	
20	55.2	56.6	59.6	25.1	11.9	15.7	21.4	18.2	44.4	92.5	53.0	85.7	
21	30.9	54.3	171.5	21.2	17.7	11.1	10.4	37.4	9.5	62.8	36.1	154.8	
22	43.1	114.5	617.1	32.1	16.7	11.5	17.7	28.0	13.9	81.4	98.1	118.3	
23	37.0	48.0	237.0	38.3	46.1	13.0	~	11.0	23.0	101.1	63.7	85.5	
24	76.3	20.8	33.8	63.0	55.2	24.2	11.8	8.3	56.3	70.5	76.5	88.3	
25	82.2	24.3	25.7	59.4	39.9	19.9	11.2	14.5	25.7	49.2	90.9	44.2	
26	60.0	21.4	84.2	48.6	44.2	6.4	18.7	11.4	29.2	31.9	95.1	40.7	
27	77.7	24.9	136.4	60.3	33.2	9.6	11.5	12.6	30.9	58.6	73.4	48.7	
28	112.6	26.9	164.2	67.1	22.6	10.6	15.0	65.2	25.3	60.4	44.4	75.5	
29	55.5		59.9	93.9	20.3	14.1	16.7	66.4	30.6	71.0	68.7	77.2	
30	84.7		68.3	44.0	43.0	15.8	15.3	73.6	53.3	101.5	106.4	82.0	
31	61.1		61.1		21.7		13.5	117.5		106.0		~	
最高 MÁX	116.0	114.5	617.1	93.9	86.8	102.1	23.6	117.5	135.7	106.0	128.9	154.8	617.1
平均 MÉD	67.1	34.6	88.6	42.3	35.2	25.8	15.6	26.5	32.5	64.0	86.5	82.4	50.1
最低 MÍN	21.8	14.2	15.6	18.5	11.6	6.4	10.4	8.3	8.1	31.9	36.1	18.2	6.4

可吸入懸浮粒子(微克／立方米)

PIS(PM10) (µg/m³)

澳北電站

Estação da Subestação Macau Norte

	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO
1	103.8	57.3	49.8	70.0	53.7	43.1	31.2	~	134.9	43.9	134.8	71.6	
2	92.5	56.7	38.9	54.8	46.4	23.5	33.9	~	102.8	53.1	97.5	125.1	
3	27.7	58.2	32.7	35.7	64.1	53.2	30.1	26.5	53.9	67.9	119.3	86.7	
4	61.1	42.8	30.3	61.0	70.7	90.7	34.6	42.2	40.1	80.1	120.1	91.4	
5	81.3	52.0	37.5	61.7	35.0	58.7	41.4	70.8	19.5	89.6	130.0	93.1	
6	55.8	47.4	35.2	57.3	23.4	37.8	38.5	56.8	36.4	90.9	97.0	135.4	
7	43.0	22.3	48.0	35.0	40.2	42.8	40.6	40.0	31.7	69.7	153.7	167.8	
8	51.5	34.0	25.3	46.9	43.1	35.4	36.8	28.4	63.2	96.1	127.4	149.0	
9	81.1	41.1	26.1	52.1	29.2	18.0	30.7	29.1	49.5	85.4	115.0	110.0	
10	79.5	37.1	91.2	37.1	29.8	18.1	30.4	21.5	43.7	37.8	116.1	84.3	
11	50.5	34.6	94.3	33.8	51.4	94.5	28.1	19.4	22.6	50.7	118.3	130.2	
12	73.4	47.4	102.2	40.9	58.2	113.5	26.7	19.8	21.7	32.4	68.1	90.5	
13	101.3	33.3	102.1	36.5	88.9	26.2	16.9	28.6	21.1	33.9	57.9	81.8	
14	98.0	49.4	63.0	51.0	100.8	32.9	17.3	28.6	20.6	42.8	57.7	74.3	
15	94.8	18.7	~	21.2	38.4	49.9	24.9	21.1	32.4	51.3	54.4	29.8	
16	133.4	21.3	82.1	51.1	41.5	35.6	22.0	20.4	49.1	66.3	89.0	27.3	
17	101.5	24.4	84.1	56.8	34.8	40.5	22.8	24.8	41.8	73.5	62.5	78.6	
18	66.7	51.5	126.0	42.7	30.5	34.5	18.2	29.9	43.3	86.7	79.4	106.8	
19	50.1	36.1	78.8	57.1	27.3	30.4	24.0	19.8	72.6	103.6	110.1	134.1	
20	72.2	62.9	78.1	47.9	28.1	31.1	28.6	23.4	65.5	116.3	69.6	143.9	
21	44.6	59.2	199.5	40.2	30.3	28.0	15.8	47.3	21.6	82.2	49.1	215.1	
22	62.0	136.2	616.2	42.7	30.5	26.2	~	37.1	19.6	94.2	128.4	139.0	
23	48.2	60.8	212.4	41.9	64.3	28.7	25.4	18.1	35.8	115.7	82.9	101.2	
24	98.6	34.7	36.2	70.5	65.0	33.8	15.9	16.2	57.0	82.9	92.7	103.5	
25	99.0	~	24.2	65.1	46.0	36.4	14.6	28.6	35.2	58.9	107.1	54.1	
26	66.3	37.8	87.2	53.2	46.2	22.7	27.5	25.3	35.3	35.3	106.6	51.4	
27	87.7	35.2	147.3	66.7	34.7	19.0	28.4	32.6	36.3	66.0	90.0	68.4	
28	143.8	31.8	154.9	74.8	23.9	19.5	24.0	88.5	29.4	73.6	44.4	104.1	
29	78.7		69.9	112.9	32.1	21.7	31.7	88.6	38.3	89.7	70.0	104.4	
30	87.8		84.2	47.6	58.0	22.7	31.2	96.1	63.4	125.9	143.7	105.1	
31	76.2		78.5		35.5		28.4	133.5		137.6		115.5	
最高 MÁX	143.8	136.2	616.2	112.9	100.8	113.5	41.4	133.5	134.9	137.6	153.7	215.1	616.2
平均 MÉD	77.8	45.3	97.9	52.2	45.2	39.0	27.4	40.1	44.6	75.3	96.4	102.4	62.0
最低 MÍN	27.7	18.7	24.2	21.2	23.4	18.0	14.6	16.2	19.5	32.4	44.4	27.3	14.6

可吸入懸浮粒子(微克/立方米)

PIS(PM10) (µg/m³)

水井斜巷

Calçada do Poço

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	92.2	#	48.9	67.0	51.8	34.9	31.9	24.7	167.4	41.8	123.4	69.6	
2	88.9	#	38.5	58.6	48.1	23.2	32.5	23.4	129.0	51.7	106.0	113.1	
3	25.4	#	39.2	31.5	60.9	51.7	31.9	32.5	71.3	62.4	113.3	83.1	
4	57.2	#	33.6	56.4	63.1	83.2	35.8	46.5	44.7	76.1	129.8	90.1	
5	81.6	#	33.9	57.2	37.5	54.2	41.6	70.9	24.8	88.0	134.8	89.9	
6	58.8	#	34.0	56.1	31.9	39.3	39.4	54.0	40.3	91.6	92.0	120.2	
7	46.5	#	43.0	32.9	33.7	45.1	37.5	40.6	35.9	70.4	139.3	159.3	
8	55.5	#	29.2	51.4	39.4	34.9	38.4	26.7	56.8	94.0	125.6	133.2	
9	76.3	#	28.7	50.5	30.7	21.5	32.8	39.1	47.9	78.0	124.2	102.7	
10	72.0	#	81.6	36.7	32.6	19.6	30.2	34.7	41.9	36.0	126.2	85.2	
11	46.7	#	82.7	37.7	48.9	106.8	27.3	31.2	28.9	48.3	118.0	125.9	
12	65.5	#	94.8	43.5	52.5	111.8	30.5	30.7	27.7	40.9	72.4	90.2	
13	92.8	#	91.6	38.9	78.8	25.2	20.0	34.2	~	39.8	63.9	73.3	
14	92.3	#	62.2	44.4	95.0	30.1	18.9	36.2	~	46.7	69.5	80.5	
15	83.4	#	41.6	24.8	34.3	~	28.9	24.7	34.9	49.0	73.0	31.0	
16	121.3	#	80.5	40.4	40.2	#	21.3	31.3	41.8	58.5	118.4	28.2	
17	90.1	#	86.7	50.0	31.3	~	23.0	30.9	36.5	69.1	90.8	70.7	
18	64.7	#	134.6	40.5	32.5	39.6	22.2	29.1	43.8	81.4	108.9	91.2	
19	53.8	#	73.3	55.8	26.4	31.6	28.8	25.0	69.5	90.8	120.5	117.3	
20	63.6	#	68.4	48.6	27.7	31.7	32.0	28.8	62.8	100.9	61.0	134.4	
21	45.2	#	174.3	31.8	28.9	29.2	15.4	52.4	20.1	71.3	44.7	192.5	
22	53.0	#	580.8	37.4	32.7	28.0	23.9	37.1	19.6	92.9	111.1	135.3	
23	45.9	~	210.8	40.2	55.8	31.2	24.9	22.3	32.6	111.5	76.8	94.8	
24	89.1	35.3	45.6	62.0	59.4	37.2	16.6	16.5	52.7	77.2	82.5	93.7	
25	94.9	44.4	24.5	58.6	47.1	41.7	19.3	27.8	31.5	56.6	97.3	52.5	
26	59.6	40.9	78.8	52.5	47.9	28.8	33.0	26.6	35.3	36.2	108.2	47.3	
27	79.3	37.3	133.0	63.8	38.9	18.6	41.5	35.2	36.2	64.1	83.1	62.0	
28	127.9	33.0	150.5	74.3	25.5	22.5	34.6	85.9	28.8	66.7	49.5	84.0	
29	~		63.4	101.2	34.6	22.8	40.4	83.3	34.6	76.8	76.8	81.1	
30	#		72.4	45.2	62.0	26.6	38.5	94.8	58.1	110.2	126.4	99.0	
31	#		70.6		30.0		32.6	144.3		118.0		103.6	
最高 MÁX	127.9	~	580.8	101.2	95.0	111.8	41.6	144.3	167.4	118.0	139.3	192.5	580.8
平均 MÉD	72.3	~	91.4	49.7	43.9	39.7	29.9	42.6	48.4	70.9	98.9	94.7	62.0
最低 MÍN	25.4	~	24.5	24.8	25.5	18.6	15.4	16.5	19.6	36.0	44.7	28.2	15.4

可吸入懸浮粒子(微克/立方米)

PIS(PM10) (µg/m³)

氹仔市中心
Cidade Taipa

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	86.2	37.6	40.2	56.7	52.9	35.4	15.0	17.1	135.0	35.9	105.1	58.4	
2	80.0	52.9	25.1	45.0	42.3	15.3	16.1	13.8	109.1	45.2	84.7	88.8	
3	22.8	56.9	22.9	29.4	57.2	36.8	14.5	16.7	40.9	56.4	95.7	78.1	
4	50.1	31.9	17.8	53.2	56.0	60.9	18.0	28.1	25.3	65.5	114.7	86.9	
5	71.3	36.3	23.2	52.8	23.9	43.1	23.7	54.8	16.8	73.7	124.4	83.1	
6	45.5	33.0	22.5	40.8	16.2	31.0	20.6	45.0	22.9	79.7	81.7	101.8	
7	34.8	15.1	37.0	29.7	18.8	33.6	23.3	31.6	16.1	60.5	128.8	146.8	
8	41.6	24.6	22.4	38.7	19.0	29.0	21.3	22.7	36.6	85.9	85.6	122.8	
9	59.9	20.2	20.7	41.4	18.8	13.9	17.1	28.3	24.3	65.2	103.7	90.5	
10	73.4	16.6	72.5	34.1	20.8	14.7	13.3	14.2	26.5	31.6	101.8	72.1	
11	36.5	17.6	82.0	25.0	41.8	73.0	15.5	17.2	9.3	37.7	98.0	114.3	
12	54.9	35.5	91.6	27.0	50.1	94.1	13.5	11.0	8.8	31.7	59.8	83.4	
13	85.0	23.3	84.2	30.1	69.5	12.9	16.4	16.8	13.1	31.5	56.9	65.4	
14	86.0	42.5	58.3	43.6	84.2	17.6	15.6	14.5	13.3	38.1	62.2	64.3	
15	70.7	16.8	29.5	19.8	29.6	21.2	22.9	11.1	18.7	34.5	59.8	22.9	
16	105.0	17.9	59.7	36.1	37.7	19.5	16.1	10.9	24.5	50.0	98.7	15.0	
17	80.1	20.0	68.8	43.4	25.8	23.7	20.3	12.0	18.1	62.2	69.7	63.2	
18	53.9	44.2	114.3	36.5	17.7	21.0	14.4	16.5	27.2	71.9	102.5	76.7	
19	42.6	30.1	61.4	52.0	15.4	17.8	13.2	13.9	51.0	79.7	107.1	95.4	
20	52.2	50.2	62.7	35.8	17.4	16.7	24.2	20.2	40.8	84.1	55.8	106.3	
21	31.8	49.4	149.5	19.8	19.1	15.9	11.7	38.3	10.3	56.0	41.9	159.4	
22	41.4	104.9	543.0	26.9	19.2	11.7	22.7	28.8	12.5	81.0	98.2	111.7	
23	36.9	45.9	206.6	31.5	43.6	14.0	23.6	12.9	23.8	102.6	66.8	82.8	
24	71.2	20.8	29.3	55.8	53.3	21.6	18.4	10.0	48.8	71.5	76.4	88.1	
25	77.8	25.0	15.3	53.5	39.9	18.2	17.8	12.4	26.0	48.6	89.3	42.7	
26	53.5	23.1	69.9	43.1	42.4	8.9	21.0	11.6	31.5	30.6	91.0	38.2	
27	70.3	19.9	118.3	54.1	33.2	11.1	13.0	16.5	32.6	56.5	70.3	52.1	
28	115.5	18.6	140.7	61.2	25.0	14.5	15.7	63.0	23.5	57.5	43.3	79.1	
29	62.2		56.1	91.9	21.2	20.8	18.3	64.6	29.0	67.3	66.0	75.7	
30	78.8		66.7	45.9	37.8	14.5	21.3	73.7	51.9	98.1	104.0	75.4	
31	57.7		65.9		24.7		18.0	118.5		105.9		97.7	
最高 MÁX	115.5	104.9	543.0	91.9	84.2	94.1	24.2	118.5	135.0	105.9	128.8	159.4	543.0
平均 MÉD	62.2	33.2	79.9	41.8	34.7	26.1	18.0	28.0	32.3	61.2	84.8	81.9	48.7
最低 MÍN	22.8	15.1	15.3	19.8	15.4	8.9	11.7	10.0	8.8	30.6	41.9	15.0	8.8

可吸入懸浮粒子 (微克/立方米)

PIS(PM10) (µg/m³)

聯生工業村

Parque Industrial da Concórdia

	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO
1	71.7	23.8	27.4	44.1	34.5	25.2	19.4	12.3	#	#	#	63.2	
2	66.3	37.0	19.8	36.2	29.6	10.4	19.8	9.5	#	#	#	105.3	
3	16.6	41.7	17.9	23.1	37.4	25.6	21.0	16.2	#	#	#	78.3	
4	38.5	22.8	15.3	43.1	41.7	43.9	23.6	23.5	#	#	~	86.9	
5	59.7	27.7	15.8	41.2	15.7	27.0	27.4	64.9	#	#	126.7	79.2	
6	36.8	25.1	16.3	32.0	15.1	20.6	29.4	47.0	#	#	76.1	96.5	
7	28.8	11.6	27.4	23.8	14.3	23.6	28.5	33.9	#	#	116.7	160.7	
8	33.8	15.3	17.9	30.2	16.0	20.3	26.1	24.3	#	#	81.0	121.4	
9	46.3	18.0	15.7	30.9	18.0	8.0	19.9	27.0	#	#	107.5	91.3	
10	57.3	18.5	56.3	24.6	14.7	6.5	15.5	12.2	#	#	110.2	83.1	
11	29.5	19.1	56.8	23.8	31.2	51.9	17.6	13.7	#	#	102.3	124.5	
12	47.4	28.4	73.2	23.9	40.1	70.1	13.8	10.8	#	#	67.8	91.3	
13	66.1	15.6	64.1	19.3	58.5	10.5	10.5	16.9	#	#	57.5	62.1	
14	62.5	33.7	43.7	31.8	72.1	12.8	14.5	13.4	#	#	63.6	77.0	
15	47.0	14.5	14.7	15.3	22.6	15.4	22.2	9.0	#	#	59.5	26.4	
16	69.8	14.2	48.6	24.9	30.3	13.3	16.6	13.2	#	#	105.1	18.2	
17	57.8	17.3	52.7	32.1	22.6	17.6	16.3	12.1	#	#	81.4	61.2	
18	36.6	35.7	95.3	27.6	16.2	17.8	16.6	23.0	#	#	105.5	70.0	
19	28.6	26.7	43.0	37.4	12.1	15.2	13.8	22.0	#	#	117.5	92.6	
20	35.6	38.2	40.5	29.6	10.1	15.2	21.6	29.3	#	#	59.9	85.1	
21	26.9	38.7	107.0	15.6	16.0	12.3	13.4	42.0	#	#	38.6	133.2	
22	35.2	76.4	451.5	19.0	15.9	10.5	21.1	36.1	#	#	97.1	114.3	
23	32.9	35.3	181.6	20.3	31.6	12.9	17.4	20.9	#	#	76.7	80.3	
24	64.5	19.9	23.0	40.7	36.9	20.4	12.7	14.0	#	#	77.9	90.1	
25	75.1	22.6	12.7	40.8	27.7	17.5	13.6	15.2	#	#	102.3	51.5	
26	43.7	18.2	55.5	35.7	30.5	6.5	22.1	17.6	#	#	90.4	41.7	
27	57.9	15.7	95.8	39.3	22.6	10.0	16.2	~	#	#	68.6	47.5	
28	81.0	14.6	106.3	42.7	13.4	10.4	18.9	#	#	#	42.2	58.8	
29	52.0		39.8	60.6	14.5	13.1	20.5	#	#	#	61.5	65.4	
30	58.4		49.2	28.6	24.9	14.9	17.9	#	#	#	110.0	85.5	
31	40.8		46.2		14.4		15.0	#		#		88.9	
最高 MÁX	81.0	76.4	451.5	60.6	72.1	70.1	29.4	64.9	#	#	126.7	160.7	451.5
平均 MÉD	48.6	25.9	62.3	31.3	25.8	19.3	18.8	22.3	#	#	84.8	81.7	<u>42.1</u>
最低 MÍN	16.6	11.6	12.7	15.3	10.1	6.5	10.5	9.0	#	#	38.6	18.2	<u>6.5</u>

二氧化硫 (微克/立方米)

SO₂ (µg/m³)

大潭山

Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	15.1	1.9	3.4	2.9	2.3	0.0	#	1.0	27.7	0.3	19.0	26.9	
2	21.7	0.1	4.2	13.5	1.1	0.0	#	0.6	12.6	2.1	13.8	35.1	
3	15.9	0.4	3.7	1.2	1.4	4.1	#	0.0	0.0	1.6	20.3	18.6	
4	9.4	0.0	2.2	2.2	0.0	4.5	#	0.5	0.0	11.1	19.6	14.6	
5	5.1	0.3	2.4	2.9	2.3	0.7	#	3.1	0.3	8.4	6.9	12.7	
6	15.7	0.9	2.4	0.2	0.5	3.0	~	9.9	0.0	6.1	5.6	38.5	
7	25.1	8.2	11.4	0.4	0.0	0.5	0.0	12.1	0.0	5.3	36.1	54.6	
8	55.7	20.3	23.9	7.5	0.0	0.0	0.0	1.5	0.0	10.4	30.7	61.4	
9	26.4	~	22.4	24.5	0.0	0.8	0.0	0.2	0.5	3.0	23.6	26.4	
10	26.8	#	29.7	1.5	0.0	0.0	0.0	0.1	0.7	0.0	13.5	10.4	
11	31.4	#	31.1	0.1	0.0	12.2	0.0	5.4	0.3	0.0	26.4	26.4	
12	39.3	#	30.5	0.0	0.0	22.5	0.0	2.3	0.1	1.3	13.1	4.3	
13	42.8	#	17.0	0.0	0.1	0.0	0.7	0.6	0.2	2.1	11.0	7.6	
14	41.0	#	6.2	0.0	0.0	0.0	0.4	0.1	0.1	1.7	9.5	23.6	
15	17.7	#	6.9	4.8	0.0	0.0	0.0	0.0	0.4	12.7	8.8	8.8	
16	54.5	#	29.8	23.3	0.0	1.8	0.3	0.7	2.0	10.1	27.7	22.7	
17	14.5	#	21.6	~	0.0	0.4	0.0	0.4	0.6	6.3	14.7	42.6	
18	8.1	#	80.4	4.0	0.0	0.1	1.5	1.4	1.2	17.7	26.2	28.5	
19	5.7	#	17.3	2.1	0.0	0.9	0.3	0.5	0.2	25.4	40.2	34.2	
20	11.5	#	7.3	3.1	0.0	0.8	0.0	0.2	0.9	37.9	11.6	60.2	
21	1.3	#	29.0	2.9	0.0	0.8	0.0	1.5	0.0	21.4	4.5	80.5	
22	4.1	#	7.1	2.0	0.0	0.8	0.0	0.6	4.1	22.2	43.7	51.3	
23	17.1	#	5.0	11.7	0.2	2.3	1.5	0.0	1.0	34.7	17.7	20.3	
24	33.5	~	4.4	6.7	1.9	0.9	2.9	0.7	4.7	31.1	8.4	18.8	
25	58.6	3.4	14.2	2.0	0.1	2.5	2.4	2.1	0.0	19.1	18.6	16.4	
26	33.5	2.9	16.6	17.4	0.5	2.6	0.8	0.1	0.5	10.9	18.0	31.7	
27	15.1	5.5	49.7	37.5	0.0	2.2	0.1	0.4	0.7	18.0	8.8	22.1	
28	25.4	3.8	71.0	9.6	0.0	4.1	0.1	10.7	2.3	22.2	9.3	30.8	
29	6.2		11.2	28.3	0.0	~	0.0	14.2	0.4	27.3	18.6	28.2	
30	3.4		9.6	1.9	4.6	~	0.0	14.5	1.7	32.9	37.8	40.8	
31	7.9		7.5		0.0		0.0	26.3		33.0		28.7	
最高 MÁX	58.6	~	80.4	37.5	4.6	22.5	2.9	26.3	27.7	37.9	43.7	80.5	<u>80.5</u>
平均 MÉD	22.2	~	18.7	7.4	0.5	2.4	0.4	3.6	2.1	14.1	18.8	29.9	<u>10.9</u>
最低 MÍN	1.3	~	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	4.3	<u>0.0</u>

二氧化硫(微克/立方米)

SO₂ (µg/m³)

澳北電站

Estação da Subestação Macau Norte

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	15.1	6.2	1.3	11.4	6.5	1.5	1.2	~	9.1	0.3	10.2	9.0	
2	13.4	2.3	4.3	15.9	6.0	2.5	1.2	~	3.8	0.1	5.0	5.4	
3	12.3	1.1	1.1	10.9	4.8	8.2	0.4	2.8	1.8	0.2	6.6	6.0	
4	6.1	3.4	1.2	9.6	13.1	7.0	0.0	4.5	2.7	2.9	16.7	2.8	
5	3.4	3.6	1.3	12.7	8.1	2.0	0.0	3.0	0.1	3.1	5.8	4.1	
6	14.2	1.9	3.1	7.9	1.4	2.0	1.6	2.7	0.4	0.6	0.7	11.2	
7	23.9	0.1	4.5	1.8	9.5	5.0	1.6	0.4	0.1	1.1	2.0	16.0	
8	51.3	14.6	9.0	7.0	2.2	1.2	0.7	0.1	0.2	1.9	3.1	20.3	
9	24.1	1.4	~	10.8	0.7	1.9	3.0	0.1	0.3	1.0	5.7	11.3	
10	15.8	12.3	24.2	6.1	3.8	0.4	1.3	0.3	~	0.5	1.2	1.8	
11	18.5	6.9	36.0	6.4	3.4	~	1.9	0.5	~	3.7	4.1	7.8	
12	44.5	4.9	25.9	12.9	5.4	6.8	2.1	1.4	~	1.1	3.2	0.7	
13	41.5	1.6	21.3	4.0	1.7	1.7	1.9	0.6	0.0	1.5	2.2	1.9	
14	40.9	3.1	9.0	5.2	2.1	0.2	2.7	5.1	0.1	0.4	0.8	7.7	
15	18.6	10.5	12.6	9.3	3.0	2.2	0.5	9.0	0.0	2.7	1.3	2.3	
16	41.5	5.6	21.5	17.6	3.2	3.0	1.7	8.5	0.0	1.7	3.6	12.9	
17	14.1	13.5	30.4	11.5	1.5	0.5	1.1	6.3	0.7	0.6	1.1	24.2	
18	5.0	16.9	55.9	7.9	1.7	1.7	1.1	4.7	0.1	2.0	4.5	21.1	
19	2.1	13.6	13.6	8.7	1.0	0.7	1.1	1.9	~	8.0	7.3	12.1	
20	16.0	22.0	11.5	8.6	1.2	2.5	0.3	0.2	0.0	10.3	1.9	18.8	
21	5.1	6.6	24.1	5.3	3.8	1.0	1.2	0.6	0.1	3.9	0.1	25.8	
22	2.1	23.0	12.1	8.7	3.9	1.3	1.5	0.0	0.0	4.9	4.9	7.6	
23	13.0	12.0	10.5	16.1	5.9	3.6	2.6	0.1	0.2	8.0	3.7	5.2	
24	32.2	4.5	8.6	10.9	4.7	0.6	0.3	3.3	0.3	10.7	1.3	4.9	
25	49.9	2.9	18.1	11.0	2.9	1.8	0.2	2.3	0.0	5.9	2.2	3.7	
26	30.5	3.5	20.7	7.3	1.8	2.6	0.7	1.5	0.0	3.1	6.3	11.3	
27	11.2	2.3	50.5	20.2	4.4	3.9	2.9	3.0	0.0	5.9	3.6	11.9	
28	26.9	0.3	62.0	12.1	4.3	1.8	5.7	4.6	0.2	10.5	2.3	10.4	
29	10.3		12.1	14.7	1.3	2.6	2.2	3.9	0.8	14.1	8.8	6.4	
30	5.4		12.2	8.9	2.0	1.3	1.7	5.7	0.1	17.4	5.2	14.1	
31	3.6		13.8		4.7		3.9	8.0		15.6		10.6	
最高 MÁX	51.3	23.0	62.0	20.2	13.1	8.2	5.7	9.0	9.1	17.4	16.7	25.8	62.0
平均 MÉD	19.8	7.2	17.8	10.0	3.9	2.5	1.6	2.9	0.8	4.6	4.2	10.0	7.1
最低 MÍN	2.1	0.1	1.1	1.8	0.7	0.2	0.0	0.0	0.0	0.1	0.1	0.7	0.0

二氧化硫 (微克/立方米)

SO₂ (µg/m³)

聯生工業村

Parque Industrial da Concórdia

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	18.9	3.2	11.3	5.5	6.8	3.7	3.3	1.3	#	#	5.5	22.7	
2	39.3	10.2	12.5	11.4	3.2	1.2	3.0	0.3	#	#	9.5	39.2	
3	17.8	8.7	2.3	1.9	5.4	10.1	1.9	1.6	#	#	15.6	16.9	
4	15.4	5.2	3.6	2.3	4.9	11.2	2.4	3.0	#	#	14.3	14.7	
5	11.3	12.4	9.5	6.0	1.4	3.5	1.4	14.6	#	#	4.8	12.6	
6	25.7	16.7	5.5	3.8	0.3	2.5	1.2	6.6	#	#	4.0	22.6	
7	27.3	11.4	34.0	4.0	0.3	2.6	0.5	6.1	#	#	16.6	50.1	
8	58.5	10.9	44.2	7.1	0.3	1.2	1.2	3.4	#	#	12.5	41.2	
9	33.8	4.8	29.0	19.5	0.6	0.1	0.4	3.6	#	#	16.3	18.7	
10	40.2	5.4	31.7	3.3	7.8	0.3	1.4	0.7	#	#	10.7	17.6	
11	74.1	3.1	27.1	2.1	6.4	7.4	1.5	1.5	#	#	15.5	26.8	
12	43.2	27.8	17.8	1.7	3.9	27.2	0.6	1.1	#	#	8.8	10.2	
13	33.5	13.2	9.4	1.0	6.4	0.2	1.8	0.9	#	#	8.8	6.5	
14	56.4	46.4	2.2	2.7	4.8	0.2	3.7	1.5	#	#	11.6	41.6	
15	21.4	48.2	1.3	31.7	1.8	0.0	3.3	0.6	#	#	11.5	10.2	
16	42.8	26.0	39.5	25.8	2.9	0.4	1.6	0.1	#	#	37.9	24.9	
17	15.7	44.6	17.7	12.4	4.2	0.3	1.6	0.9	#	#	13.6	47.3	
18	16.4	29.0	60.0	3.6	0.5	1.3	3.9	5.5	#	#	21.4	19.1	
19	9.3	55.2	6.3	7.7	0.2	0.8	1.2	3.1	#	#	31.4	18.8	
20	30.9	35.6	3.4	3.5	0.3	1.1	2.7	4.3	#	#	9.3	33.4	
21	13.9	28.4	19.6	2.0	0.3	1.9	3.1	6.5	#	#	4.0	45.4	
22	17.0	47.7	5.4	12.5	0.0	1.2	1.4	4.5	#	#	37.7	16.9	
23	28.7	25.1	5.2	19.3	48.0	0.4	1.1	2.8	#	#	27.3	14.0	
24	47.7	9.9	2.0	9.1	11.2	0.0	3.4	0.3	#	#	8.8	17.7	
25	85.1	6.3	15.5	4.7	5.7	1.0	2.6	0.4	#	#	14.1	28.6	
26	34.7	4.2	11.6	20.2	8.1	0.2	5.9	1.9	#	#	16.1	25.0	
27	29.0	0.7	34.4	38.7	2.9	0.7	0.9	~	#	#	9.5	17.7	
28	51.0	3.1	39.9	15.1	2.1	0.2	0.1	#	#	#	11.7	15.2	
29	14.9		7.4	29.5	1.8	1.5	1.9	#	#	~	18.1	14.6	
30	12.6		3.4	6.4	7.1	2.2	0.4	#	#	25.1	45.1	26.7	
31	15.0		4.3		1.4		1.8	#		23.6		20.3	
最高 MÁX	85.1	55.2	60.0	38.7	48.0	27.2	5.9	14.6	#	~	45.1	50.1	<u>85.1</u>
平均 MÉD	31.7	19.4	16.7	10.5	4.9	2.8	2.0	3.0	#	~	15.7	23.8	<u>13.0</u>
最低 MÍN	9.3	0.7	1.3	1.0	0.0	0.0	0.1	0.1	#	~	4.0	6.5	<u>0.0</u>

二氧化氮(微克/立方米)

NO₂ (µg/m³)

大潭山

Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	48.8	25.7	32.8	34.6	23.6	10.3	3.9	10.7	45.3	23.3	62.9	58.7	
2	68.3	26.0	17.5	50.8	15.8	24.4	3.7	10.3	36.3	28.5	37.9	74.4	
3	48.1	22.0	24.9	26.9	14.0	33.8	2.8	8.3	19.5	22.8	47.5	39.4	
4	44.4	19.1	22.7	24.2	16.0	33.9	2.7	16.4	15.0	29.6	47.6	37.1	
5	26.7	20.9	17.0	24.4	13.7	17.3	3.6	29.6	12.3	53.6	59.6	39.0	
6	45.8	20.4	11.4	29.2	7.9	17.0	3.0	33.0	7.0	45.8	53.1	73.1	
7	42.1	29.8	27.2	31.7	12.0	15.6	2.9	19.9	6.9	45.7	74.2	46.7	
8	48.7	30.0	27.9	45.3	10.6	11.7	3.0	17.4	16.1	44.3	68.8	66.0	
9	61.3	12.8	30.1	42.2	6.1	16.2	2.8	14.5	19.6	49.3	53.7	67.0	
10	71.3	6.1	37.6	23.4	21.6	28.6	2.5	8.8	23.2	17.6	39.4	42.4	
11	54.1	5.3	60.1	19.5	12.2	53.2	2.1	12.2	15.7	19.8	61.3	89.0	
12	42.1	25.1	90.8	15.6	7.9	53.7	2.1	12.1	9.2	22.3	51.2	37.8	
13	58.9	21.9	61.1	20.1	10.9	7.2	5.8	6.0	13.2	22.0	36.3	53.9	
14	66.3	30.0	27.8	16.9	14.6	5.6	13.3	8.0	19.7	26.1	34.7	66.4	
15	59.2	26.2	29.8	32.7	11.0	6.9	11.8	8.5	24.5	39.0	35.5	46.1	
16	92.5	24.6	48.7	53.5	9.7	5.6	6.4	12.4	20.9	39.5	46.2	29.1	
17	57.7	28.0	51.3	~	14.7	4.2	9.9	9.4	15.4	32.9	46.5	58.6	
18	35.5	26.1	85.3	36.3	13.3	3.4	13.7	16.6	14.3	27.1	63.1	85.7	
19	52.0	36.1	40.4	27.2	12.2	2.8	10.3	16.3	11.1	43.3	70.8	98.4	
20	62.4	46.8	46.2	25.5	16.2	3.1	10.5	16.0	16.3	42.4	48.5	78.4	
21	35.0	62.6	49.0	12.0	6.8	3.3	10.4	26.8	11.6	28.1	30.5	92.7	
22	41.5	81.2	26.9	30.2	5.4	3.3	7.2	13.2	24.0	29.7	66.6	50.6	
23	42.4	56.3	31.0	32.6	20.7	3.2	9.6	9.7	29.1	35.5	46.4	38.7	
24	50.6	18.4	27.4	24.3	21.0	3.4	10.5	12.3	44.1	46.4	35.3	37.9	
25	71.6	13.5	29.5	20.3	16.4	3.8	9.8	16.4	23.8	38.1	46.9	25.5	
26	59.6	14.9	29.1	39.8	19.9	3.1	16.2	12.3	19.9	28.8	58.9	25.3	
27	57.5	17.8	76.7	36.4	21.8	3.0	4.3	11.3	18.7	27.0	30.2	27.2	
28	102.3	22.7	84.7	46.2	12.3	4.2	4.5	46.9	18.9	29.2	32.3	59.4	
29	54.2		27.1	38.6	17.7	4.0	7.9	44.7	18.5	31.6	49.8	69.7	
30	29.8		32.0	18.4	34.3	4.3	7.1	31.1	34.7	34.6	77.0	57.9	
31	29.9		27.2		16.1		7.6	51.6		47.4		37.2	
最高 MÁX	102.3	81.2	90.8	53.5	34.3	53.7	16.2	51.6	45.3	53.6	77.0	98.4	102.3
平均 MÉD	53.6	27.5	39.7	30.3	14.7	13.0	6.8	18.1	20.2	33.9	50.4	55.1	30.3
最低 MÍN	26.7	5.3	11.4	12.0	5.4	2.8	2.1	6.0	6.9	17.6	30.2	25.3	2.1

二氧化氮(微克/立方米)

NO₂ (µg/m³)

澳北電站

Estação da Subestação Macau Norte

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	57.5	72.9	40.6	50.2	47.3	28.4	21.2	~	65.4	37.9	97.5	61.9	
2	63.8	64.1	38.6	53.8	38.3	34.0	22.1	~	59.6	37.2	61.8	76.7	
3	52.7	52.2	41.4	45.0	34.6	46.9	18.2	31.5	57.5	29.4	64.6	58.4	
4	68.1	57.1	31.0	44.9	37.0	68.0	19.0	41.5	52.3	42.4	61.3	52.6	
5	52.4	55.9	26.4	48.2	35.0	41.6	20.9	48.5	29.4	65.9	78.1	70.5	
6	44.0	54.5	28.9	49.5	21.8	28.8	18.4	53.7	33.1	62.6	60.1	76.4	
7	38.4	54.3	29.6	50.9	38.1	31.1	19.0	36.4	35.8	58.7	68.0	39.0	
8	42.7	64.4	29.2	53.2	32.9	26.1	19.0	26.2	59.1	64.4	68.5	63.2	
9	65.0	47.1	30.4	52.3	20.3	40.1	16.5	27.2	63.5	63.4	57.5	74.9	
10	73.4	35.8	49.0	47.6	44.5	39.3	16.4	28.4	57.7	34.3	60.7	63.3	
11	43.6	30.5	74.6	31.9	46.3	66.7	14.3	31.5	43.8	39.5	71.9	84.8	
12	46.8	34.9	92.1	38.9	30.7	82.6	16.8	29.7	38.4	40.1	60.7	56.0	
13	61.4	34.3	80.6	37.1	33.0	27.1	15.7	27.7	30.4	39.2	47.8	68.5	
14	83.2	34.7	48.3	35.0	38.1	21.7	20.9	28.0	34.7	48.2	41.8	59.2	
15	~	32.5	52.7	34.0	33.6	25.8	17.8	26.5	45.9	46.8	42.7	47.1	
16	121.0	35.1	55.1	56.3	28.7	21.1	15.1	31.0	43.0	48.0	42.7	29.5	
17	88.7	36.4	64.7	62.9	30.1	20.5	18.9	29.2	43.7	52.0	48.5	60.4	
18	77.6	39.6	95.8	56.9	27.6	17.3	20.4	33.1	45.1	38.4	61.5	99.1	
19	78.1	50.2	78.2	50.3	33.7	15.6	22.9	27.0	38.6	52.3	62.9	111.5	
20	89.9	74.7	69.8	43.5	38.8	17.0	21.7	30.5	50.8	41.9	56.6	102.6	
21	65.9	~	66.0	31.3	24.3	18.9	17.6	45.4	36.2	28.6	47.7	148.2	
22	56.4	~	45.5	37.7	20.9	20.7	15.7	29.9	34.3	31.9	61.5	97.8	
23	42.3	72.5	47.9	37.1	35.2	25.7	20.6	24.1	40.2	48.4	52.9	88.8	
24	55.3	43.4	43.1	38.1	40.8	21.2	19.4	28.4	54.1	52.0	54.1	80.9	
25	78.0	34.2	30.9	32.7	31.3	25.4	16.7	36.5	45.2	46.4	46.9	41.3	
26	73.0	39.4	37.4	50.0	33.6	32.4	23.2	30.5	36.1	37.3	70.9	47.0	
27	88.7	36.7	77.3	63.8	36.4	29.6	20.7	33.4	36.3	33.7	60.8	70.7	
28	~	38.6	82.1	78.6	30.1	28.7	25.1	72.8	35.2	40.5	45.1	108.0	
29	~		54.7	92.6	37.1	28.4	31.9	52.2	37.9	45.1	61.6	108.3	
30	71.4		54.9	46.1	54.1	23.2	31.5	53.9	48.5	53.8	68.1	80.1	
31	70.5		47.8		35.0		27.3	76.9		68.2		69.2	
最高 MÁX	121.0	74.7	95.8	92.6	54.1	82.6	31.9	76.9	65.4	68.2	97.5	148.2	148.2
平均 MÉD	66.1	47.2	53.1	48.3	34.5	31.8	20.2	36.9	44.4	46.1	59.5	74.1	46.8
最低 MÍN	38.4	30.5	26.4	31.3	20.3	15.6	14.3	24.1	29.4	28.6	41.8	29.5	14.3

二氧化氮(微克/立方米)

NO₂ (µg/m³)

水井斜巷

Calçada do Poço

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	83.0	86.9	54.0	54.2	57.7	30.9	29.9	22.1	~	35.0	82.6	73.6	
2	97.4	74.0	47.3	60.2	55.0	47.1	33.6	25.3	93.1	44.1	64.8	86.7	
3	81.7	60.8	~	46.9	48.5	61.4	33.8	33.6	59.6	35.6	58.9	54.9	
4	97.7	59.6	#	46.9	45.0	80.2	35.7	45.0	43.0	37.3	57.1	53.1	
5	72.9	57.9	~	52.3	38.8	55.8	35.1	51.2	30.0	63.2	66.1	62.1	
6	71.0	55.3	29.9	48.0	23.5	46.8	32.6	52.1	35.5	57.2	58.1	84.2	
7	67.8	64.4	30.8	53.7	42.1	48.5	29.6	31.9	33.3	52.0	75.6	59.5	
8	78.9	71.7	30.1	65.2	34.1	35.6	30.6	23.8	44.8	59.1	76.5	~	
9	95.6	50.8	43.1	57.9	27.0	45.1	26.8	27.8	49.8	48.2	70.0	~	
10	99.7	43.6	68.5	48.0	53.9	44.7	24.6	33.4	44.9	30.5	72.8	59.5	
11	82.1	51.0	83.0	34.4	53.3	71.3	22.3	32.7	38.0	29.9	80.8	81.9	
12	91.1	52.8	95.0	35.7	34.1	97.3	26.8	32.7	33.9	29.5	61.2	55.3	
13	103.5	44.7	78.7	38.0	39.6	31.2	21.4	29.7	20.3	27.9	51.0	60.1	
14	114.8	53.5	49.5	36.8	41.9	27.9	24.3	32.0	27.2	36.7	44.5	66.6	
15	120.3	50.7	48.3	41.8	37.3	35.4	21.0	30.8	35.7	42.1	50.8	49.0	
16	155.0	47.6	66.1	64.1	32.7	34.0	18.0	35.8	30.8	41.3	58.6	42.8	
17	107.2	57.8	73.9	65.2	33.9	32.2	21.5	30.1	35.1	49.0	60.2	73.2	
18	98.4	61.8	114.6	56.9	32.0	27.6	28.1	27.7	38.6	40.0	68.6	101.9	
19	92.1	74.6	87.1	51.2	37.6	24.6	32.4	22.1	59.5	51.5	79.4	109.4	
20	90.1	~	82.9	38.9	40.9	27.0	30.1	30.8	55.8	61.4	54.1	104.2	
21	71.8	89.2	79.7	33.6	20.8	30.2	18.9	42.8	32.0	51.3	42.8	148.6	
22	73.4	104.3	51.8	47.0	23.1	31.3	17.8	27.6	26.4	56.2	67.2	119.4	
23	65.1	81.6	51.9	59.0	63.6	37.7	25.5	21.9	31.3	78.4	59.5	111.5	
24	75.5	54.5	49.8	49.7	56.3	32.6	22.2	22.3	40.0	63.6	47.3	91.0	
25	103.8	46.9	44.0	42.3	44.7	45.7	21.9	29.9	31.2	46.8	54.1	52.5	
26	87.0	49.3	49.8	59.9	45.1	45.6	30.1	29.6	35.1	33.3	68.9	64.8	
27	96.1	46.6	89.4	79.5	48.9	37.2	31.6	32.5	28.7	43.3	47.3	83.9	
28	135.5	49.3	98.6	87.2	35.5	35.1	27.5	81.2	31.9	50.5	47.2	113.2	
29	98.4		53.3	93.4	44.4	31.7	28.6	68.2	29.2	56.1	60.9	119.0	
30	76.4		56.5	51.3	70.3	29.5	27.7	77.4	41.1	57.9	81.8	110.2	
31	80.6		58.4		41.8		25.8	93.7		62.0		82.3	
最高 MÁX	155.0	104.3	114.6	93.4	70.3	97.3	35.7	93.7	93.1	78.4	82.6	148.6	155.0
平均 MÉD	92.4	60.8	63.1	53.3	42.0	42.0	27.0	38.0	39.2	47.4	62.3	81.9	54.1
最低 MÍN	65.1	43.6	29.9	33.6	20.8	24.6	17.8	21.9	20.3	27.9	42.8	42.8	17.8

二氧化氮(微克/立方米)

NO₂ (µg/m³)

氹仔市中心
Cidade Taipa

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	66.0	46.4	40.4	44.5	55.7	29.8	18.1	4.6	30.3	19.3	61.0	49.9	
2	80.7	48.0	17.0	63.0	33.1	39.4	18.0	6.9	26.5	24.3	42.2	61.6	
3	64.4	38.0	22.9	47.5	30.7	51.6	14.8	6.0	17.3	14.9	49.2	37.8	
4	68.9	45.4	15.1	42.4	28.1	53.9	13.2	10.6	13.2	21.3	44.2	38.6	
5	52.3	42.2	14.0	42.2	22.7	40.1	13.9	17.2	15.0	36.4	53.0	48.9	
6	56.3	39.7	14.8	48.5	11.8	29.5	10.7	15.7	8.0	37.2	51.7	65.6	
7	49.7	48.0	38.2	51.4	24.8	24.1	10.2	12.0	6.4	37.3	65.6	33.6	
8	59.2	58.2	40.3	68.5	16.5	23.7	10.6	9.9	14.1	32.2	60.8	52.7	
9	83.1	16.8	41.7	61.6	13.4	40.2	10.0	11.7	15.1	36.7	51.9	50.4	
10	92.4	12.1	70.0	40.7	52.4	44.6	10.0	3.6	18.3	15.3	45.6	44.8	
11	63.7	12.7	92.8	25.5	48.1	70.6	10.2	6.9	13.9	13.8	64.9	66.1	
12	61.9	38.0	106.1	22.4	28.2	70.9	11.3	4.8	8.2	19.4	47.3	37.4	
13	86.2	31.3	79.9	32.9	26.1	12.6	23.3	1.8	10.6	22.9	40.1	45.0	
14	97.9	36.3	55.3	38.6	36.2	8.9	25.8	3.6	16.0	23.3	38.7	43.9	
15	89.7	32.9	45.1	44.4	29.3	10.9	24.0	4.8	16.8	27.8	34.9	31.1	
16	120.7	31.3	68.1	72.8	24.4	8.6	12.8	7.1	12.6	28.2	40.5	20.1	
17	80.7	36.1	72.3	66.5	26.8	13.0	9.4	5.4	11.4	26.4	42.2	44.3	
18	66.4	35.6	105.0	53.4	18.1	13.4	9.9	9.4	12.3	24.3	54.2	70.2	
19	75.5	47.3	62.2	45.2	24.4	10.0	6.0	10.4	13.3	30.3	61.2	77.8	
20	84.1	63.2	72.2	30.6	25.7	26.0	9.7	13.3	16.2	26.2	40.3	72.1	
21	54.2	86.1	77.8	12.0	9.7	18.6	10.1	18.4	10.6	17.6	40.6	92.6	
22	60.1	106.7	46.9	42.0	7.8	15.4	9.0	10.5	14.7	20.8	56.5	59.8	
23	54.5	90.7	45.9	49.8	51.0	18.5	6.7	8.2	20.0	30.3	40.0	51.3	
24	60.4	25.0	30.6	40.8	50.5	11.6	8.8	9.5	22.3	36.1	35.4	58.0	
25	85.9	18.1	43.7	39.3	37.3	18.3	8.6	8.7	18.9	30.8	41.2	31.4	
26	75.4	23.6	46.4	58.1	38.0	21.8	9.2	8.0	18.3	21.9	54.7	33.1	
27	76.1	20.4	96.9	74.7	43.5	23.9	3.8	9.2	19.8	23.1	37.4	48.4	
28	126.7	19.5	104.5	84.2	34.2	36.0	4.3	30.3	17.1	27.8	34.5	72.6	
29	76.8		51.5	95.2	28.0	33.5	4.5	25.5	18.0	32.9	43.0	75.6	
30	50.7		58.3	44.8	57.6	22.5	2.6	21.5	25.5	36.9	59.8	65.0	
31	48.4		41.5		36.3		2.5	30.7		49.8		47.8	
最高 MÁX	126.7	106.7	106.1	95.2	57.6	70.9	25.8	30.7	30.3	49.8	65.6	92.6	126.7
平均 MÉD	73.2	41.1	55.4	49.4	31.3	28.1	11.0	11.2	16.0	27.3	47.7	52.5	37.0
最低 MÍN	48.4	12.1	14.0	12.0	7.8	8.6	2.5	1.8	6.4	13.8	34.5	20.1	1.8

二氧化氮 (微克/立方米)

NO₂ (µg/m³)

聯生工業村

Parque Industrial da Concórdia

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	45.2	18.0	21.2	28.0	32.2	16.8	8.1	4.6	#	#	63.8	78.7	
2	68.9	25.3	8.4	53.3	20.5	29.7	9.5	7.1	#	#	43.1	97.6	
3	45.5	22.6	6.9	20.8	21.0	37.4	8.6	10.5	#	#	50.5	53.6	
4	39.4	22.6	7.0	23.4	23.1	37.8	6.5	15.1	#	#	59.8	47.7	
5	26.0	23.6	6.4	27.9	13.1	17.6	7.7	36.0	#	#	75.2	61.5	
6	48.6	24.3	6.8	22.9	11.0	11.8	7.1	37.1	#	#	61.6	78.9	
7	45.9	30.1	33.3	24.5	14.2	12.8	7.8	21.2	#	#	68.7	57.0	
8	53.6	29.1	32.8	51.1	9.2	11.5	6.4	19.7	#	#	61.2	83.6	
9	66.1	7.1	33.8	45.8	9.3	17.5	6.4	13.9	#	#	60.9	79.8	
10	68.4	7.2	42.8	25.1	44.4	27.2	5.8	9.1	#	#	56.4	53.1	
11	57.0	5.9	53.7	14.6	35.2	52.1	5.1	11.2	#	#	80.2	116.5	
12	49.8	32.2	98.0	10.4	16.3	61.2	5.5	9.8	#	#	57.4	54.7	
13	69.7	26.0	61.7	13.9	20.8	10.4	7.5	9.9	#	#	42.9	47.5	
14	68.9	32.8	28.5	16.5	23.6	7.5	15.0	10.5	#	#	41.4	81.4	
15	52.1	31.6	23.6	35.9	17.5	9.1	14.2	10.4	#	#	39.9	60.9	
16	82.1	28.8	54.2	62.4	18.1	5.9	8.7	16.4	#	#	54.9	46.8	
17	58.2	32.6	55.1	45.5	22.2	5.9	7.2	9.7	#	#	59.7	91.2	
18	40.0	31.1	88.9	23.7	9.5	5.5	12.4	19.4	#	#	83.5	108.5	
19	50.9	42.3	34.2	26.2	15.8	4.8	7.0	17.5	#	#	91.1	123.3	
20	55.6	57.8	28.5	20.6	16.1	6.0	10.2	21.3	#	#	60.6	89.3	
21	25.2	73.6	40.6	9.8	5.0	6.4	14.5	26.9	#	#	32.9	115.4	
22	40.3	88.7	30.6	36.9	5.5	8.6	7.2	15.7	#	#	69.4	89.3	
23	48.0	57.5	29.2	36.4	37.2	9.7	6.5	15.7	#	#	68.5	73.3	
24	57.0	12.9	21.4	30.9	35.8	5.2	13.0	16.3	#	#	42.4	79.7	
25	80.7	10.4	32.7	19.0	24.9	11.2	10.3	10.7	#	#	62.6	54.7	
26	63.3	9.6	31.6	52.0	26.5	12.5	17.3	9.9	#	#	75.5	57.4	
27	56.3	11.3	78.9	60.4	25.3	11.2	7.7	~	#	#	36.7	63.8	
28	102.6	8.4	82.6	63.8	12.4	18.1	8.3	#	#	#	39.6	95.7	
29	54.8		24.1	75.0	17.3	17.9	9.8	#	#	~	50.9	104.0	
30	29.1		19.6	30.9	33.8	10.4	6.4	#	#	36.8	92.6	98.5	
31	24.7		24.1		18.0		5.6	#		55.3		75.6	
最高 MÁX	102.6	88.7	98.0	75.0	44.4	61.2	17.3	37.1	#	~	92.6	123.3	<u>123.3</u>
平均 MÉD	54.0	28.7	36.8	33.6	20.5	16.7	8.8	15.6	#	~	59.5	78.0	<u>35.2</u>
最低 MÍN	24.7	5.9	6.4	9.8	5.0	4.8	5.1	4.6	#	~	32.9	46.8	<u>4.6</u>

臭氧(微克/立方米)

O₃ (µg/m³)

大潭山

Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	40.0	32.4	24.2	29.4	63.8	86.1	20.7	34.3	118.4	68.0	95.0	46.6	
2	7.3	49.2	31.5	6.8	52.5	49.8	20.1	36.4	96.6	84.4	107.4	58.2	
3	18.9	55.1	25.6	49.4	75.4	80.6	24.3	37.2	71.6	74.6	89.0	83.1	
4	51.0	48.3	26.6	50.3	68.4	79.5	32.3	55.5	69.8	85.3	78.4	76.6	
5	60.9	49.3	26.6	47.4	36.8	85.0	26.6	90.8	51.3	65.5	48.0	80.8	
6	5.2	49.3	29.6	24.1	24.0	78.7	30.6	76.9	52.5	93.9	48.8	81.3	
7	0.8	31.0	12.4	42.2	30.6	83.8	30.6	52.5	45.1	82.4	85.5	86.3	
8	2.5	32.4	13.3	47.3	29.1	62.1	29.0	44.2	63.0	96.0	75.4	69.0	
9	15.2	32.9	27.4	35.9	27.7	36.2	22.4	46.9	78.6	59.2	95.0	70.6	
10	22.9	35.9	77.8	63.8	22.7	17.5	20.4	49.0	69.6	78.2	115.5	71.2	
11	1.2	35.8	55.1	32.1	49.4	18.7	21.3	42.2	47.3	67.8	120.0	17.2	
12	40.2	7.6	21.2	30.7	92.0	74.1	22.9	39.4	40.3	43.7	83.6	43.7	
13	41.4	17.6	29.9	27.3	83.9	28.7	21.9	45.9	29.7	46.8	78.0	21.0	
14	42.7	10.2	53.7	60.5	49.0	26.4	22.1	38.2	31.7	58.2	62.2	8.2	
15	50.6	10.4	33.4	12.3	63.6	33.5	22.1	34.9	31.6	50.6	75.3	9.6	
16	45.5	25.3	28.9	15.2	69.8	32.6	30.6	32.0	~	53.9	80.4	21.8	
17	54.7	15.5	62.0	~	52.5	28.6	28.1	30.4	~	65.3	71.9	30.7	
18	64.7	30.3	43.4	47.1	24.6	22.6	26.5	26.6	47.3	85.1	75.1	21.8	
19	42.7	26.4	66.5	58.7	39.3	19.2	31.8	23.4	76.9	65.0	64.4	22.9	
20	18.9	24.0	52.0	30.5	37.6	23.9	41.9	43.0	61.7	63.4	51.5	38.4	
21	26.0	26.6	83.9	33.6	26.4	23.2	23.5	50.2	46.8	56.3	67.6	36.4	
22	22.0	19.5	60.6	23.4	25.3	23.1	35.3	67.3	29.4	72.6	59.5	68.5	
23	0.4	36.9	36.7	69.5	56.1	24.6	31.3	39.2	24.1	89.9	74.1	76.7	
24	0.9	54.6	18.6	93.5	86.7	34.4	25.0	~	49.7	62.9	76.1	57.5	
25	4.2	41.1	24.9	114.9	97.7	30.1	29.9	29.7	51.3	47.6	79.9	25.3	
26	12.0	40.1	84.7	50.6	88.0	26.0	~	33.3	67.1	28.5	70.8	42.8	
27	~	38.3	57.9	49.3	61.5	23.2	#	40.3	58.6	55.5	88.0	47.3	
28	9.2	36.3	75.9	53.2	66.9	12.9	#	80.1	49.2	71.4	70.0	50.6	
29	32.6		101.1	41.7	33.8	12.1	~	101.7	64.2	82.7	64.1	36.9	
30	71.8		71.6	76.1	31.6	14.3	41.9	109.9	67.4	100.4	50.8	43.0	
31	55.1		71.8		61.5		37.7	117.3		94.3		50.0	
最高 MÁX	71.8	55.1	101.1	114.9	97.7	86.1	41.9	117.3	118.4	100.4	120.0	86.3	120.0
平均 MÉD	28.7	32.6	46.1	45.4	52.5	39.7	27.8	51.6	56.8	69.3	76.7	48.2	48.0
最低 MÍN	0.4	7.6	12.4	6.8	22.7	12.1	20.1	23.4	24.1	28.5	48.0	8.2	0.4

臭氧(微克/立方米)

O₃ (µg/m³)

澳北電站

Estação da Subestação Macau Norte

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	16.3	7.0	5.4	15.0	46.2	48.5	10.4	~	76.9	48.6	56.3	18.1	
2	2.2	18.3	8.8	1.7	36.1	27.7	9.3	~	57.6	64.5	87.8	24.5	
3	8.5	29.1	9.0	22.9	52.9	50.6	12.6	8.6	30.1	55.6	70.3	37.2	
4	18.5	18.9	11.3	25.5	44.8	35.2	19.5	26.9	31.1	62.7	59.8	37.4	
5	25.7	21.2	14.6	20.6	17.9	48.9	15.1	62.5	23.6	43.4	27.6	33.0	
6	2.2	20.1	10.5	7.8	9.5	57.6	16.8	46.4	19.1	58.9	17.2	37.8	
7	0.4	12.5	0.8	15.3	11.8	58.9	14.4	28.8	13.9	57.2	37.8	50.0	
8	1.6	8.4	0.0	31.2	9.9	41.7	13.8	26.8	26.7	57.2	31.9	37.0	
9	6.4	9.7	17.1	28.0	11.7	12.4	9.6	25.8	38.8	24.8	52.3	31.0	
10	10.0	12.2	52.9	34.6	14.2	6.9	9.2	21.9	28.3	46.8	55.9	28.1	
11	0.8	15.2	26.4	15.3	28.3	11.9	9.1	18.1	17.2	38.5	50.7	4.4	
12	24.9	3.1	6.8	6.5	63.6	57.1	10.0	12.2	11.1	21.2	35.7	12.2	
13	25.8	6.6	7.9	10.5	55.8	11.1	13.6	10.7	5.8	26.2	32.5	1.6	
14	14.8	1.1	24.3	34.8	27.6	8.5	9.1	9.0	9.2	31.5	30.2	0.6	
15	17.2	2.9	2.4	6.6	38.7	11.4	8.7	8.4	11.4	36.7	38.3	0.6	
16	26.0	9.1	4.7	4.7	45.6	13.3	13.4	6.1	13.4	46.1	42.9	11.1	
17	30.9	8.3	20.9	12.9	32.5	11.0	11.6	4.2	16.0	54.7	35.3	17.1	
18	26.0	18.0	23.8	18.0	9.1	8.9	14.5	4.8	20.8	75.7	34.0	4.0	
19	23.4	14.4	26.4	29.6	17.8	7.6	13.5	4.5	51.1	57.3	29.1	3.6	
20	3.5	5.7	28.1	10.9	17.1	10.4	25.0	17.5	35.4	61.0	21.5	8.4	
21	4.0	4.1	63.5	12.6	8.7	9.2	9.7	24.7	22.6	56.6	26.7	3.9	
22	7.2	1.1	35.9	11.7	8.8	8.2	18.9	33.3	12.6	72.2	27.2	26.9	
23	0.6	10.3	18.1	57.2	35.0	7.7	14.9	12.2	5.1	73.4	35.0	30.4	
24	1.3	18.1	5.6	60.6	62.5	13.4	9.6	5.1	25.5	52.0	33.4	22.6	
25	2.6	9.9	14.6	81.4	77.2	13.7	14.4	6.9	27.6	35.9	39.1	13.4	
26	3.3	6.0	59.3	34.6	60.2	6.6	15.9	9.7	43.4	18.6	27.5	19.3	
27	7.1	2.4	38.2	29.2	48.2	7.6	9.2	10.7	38.8	40.5	28.7	14.6	
28	1.9	3.4	55.5	35.7	44.1	4.4	8.2	40.0	28.9	50.5	31.4	10.4	
29	12.2		54.0	26.7	17.0	5.2	8.3	65.7	40.2	61.6	25.7	9.2	
30	35.1		37.9	52.3	15.0	7.6	9.1	62.4	41.8	75.6	25.8	22.8	
31	23.5		39.6		34.9		8.7	69.8		68.1		24.5	
最高 MÁX	35.1	29.1	63.5	81.4	77.2	58.9	25.0	69.8	76.9	75.7	87.8	50.0	87.8
平均 MÉD	12.4	10.6	23.4	25.2	32.3	20.8	12.5	23.6	27.5	50.8	38.2	19.2	24.7
最低 MÍN	0.4	1.1	0.0	1.7	8.7	4.4	8.2	4.2	5.1	18.6	17.2	0.6	0.0

臭氧(微克/立方米)

O₃ (µg/m³)

氹仔市中心
Cidade Taipa

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	41.6	33.2	19.5	34.3	56.8	76.8	25.1	17.9	106.9	61.0	102.0	40.9	
2	9.4	45.1	43.2	9.0	60.2	45.4	23.2	17.3	80.8	76.6	121.3	49.3	
3	20.9	57.0	36.7	45.9	79.1	81.2	26.5	24.8	56.4	67.2	93.9	84.8	
4	46.2	41.3	43.4	48.8	72.5	78.1	31.8	43.9	58.7	74.1	87.7	77.1	
5	52.3	44.3	41.1	46.9	37.5	76.8	24.7	80.9	34.9	50.1	50.9	76.8	
6	9.0	46.1	38.1	21.6	24.8	78.5	27.1	69.1	37.6	74.6	44.1	62.4	
7	4.4	28.3	5.3	37.3	30.3	87.2	27.0	41.0	33.0	66.9	72.8	81.8	
8	5.8	22.2	3.3	44.1	26.4	58.8	24.3	32.4	53.0	79.4	62.4	56.1	
9	13.0	43.6	25.2	41.4	31.0	22.6	18.7	25.7	71.9	40.2	99.6	63.6	
10	19.6	43.6	63.8	61.3	29.3	13.2	18.7	30.0	53.6	66.7	128.0	68.7	
11	5.1	42.6	40.0	35.8	53.4	23.0	20.0	21.6	34.0	63.0	118.8	12.5	
12	34.5	9.8	16.5	32.7	95.6	80.8	21.2	20.8	30.4	34.1	80.9	39.0	
13	33.7	18.1	26.0	27.1	90.5	26.6	16.0	25.2	15.6	36.8	73.9	20.4	
14	33.8	8.3	36.4	57.9	58.1	23.7	16.9	21.6	18.2	51.5	61.9	4.7	
15	42.2	8.4	17.2	17.2	66.0	28.4	14.3	19.6	14.4	45.8	78.1	5.7	
16	42.6	19.8	12.1	13.8	69.2	27.5	21.2	16.6	23.8	62.7	80.5	22.8	
17	51.4	15.6	40.7	36.5	65.3	24.1	17.4	17.5	31.5	72.2	69.1	29.1	
18	55.1	30.8	45.6	45.5	~	16.1	20.4	12.1	44.0	95.4	68.5	13.2	
19	36.9	24.1	63.3	55.9	~	15.4	27.6	9.6	71.0	70.2	56.3	19.9	
20	14.7	18.8	51.6	35.0	~	20.1	35.8	26.5	52.7	69.6	51.6	18.3	
21	22.8	15.1	72.1	45.1	25.5	17.7	9.8	35.8	43.8	63.7	57.7	19.7	
22	19.4	9.7	60.0	35.4	23.6	20.9	20.3	42.1	24.0	83.8	51.2	69.6	
23	5.5	17.9	38.7	73.4	50.5	22.4	23.5	18.5	13.3	95.1	71.2	84.8	
24	6.7	57.5	25.1	93.0	91.6	31.8	16.3	10.0	44.7	71.2	76.2	56.5	
25	8.8	40.8	23.7	107.3	102.0	26.8	18.9	19.6	49.1	44.8	73.1	27.0	
26	12.8	29.7	80.8	52.1	93.0	19.7	19.8	19.8	66.5	25.0	59.6	38.9	
27	24.2	23.5	54.9	45.5	59.1	21.9	19.0	21.3	52.3	58.4	78.7	34.7	
28	10.0	30.7	78.3	55.0	56.3	12.3	17.3	68.8	43.8	75.7	67.4	27.1	
29	27.8		86.1	38.4	35.0	12.7	18.5	91.7	59.0	87.3	66.1	36.2	
30	69.3		59.7	75.6	28.8	18.3	22.8	96.7	60.8	108.1	46.0	39.2	
31	54.1		74.3		52.7		20.4	108.9		99.4		42.0	
最高 MÁX	69.3	57.5	86.1	107.3	102.0	87.2	35.8	108.9	106.9	108.1	128.0	84.8	128.0
平均 MÉD	26.9	29.5	42.7	45.6	55.9	37.0	21.4	35.7	46.0	66.8	75.0	42.7	43.8
最低 MÍN	4.4	8.3	3.3	9.0	23.6	12.3	9.8	9.6	13.3	25.0	44.1	4.7	3.3

一氧化碳(毫克/立方米)

CO (mg/m³)

澳北電站

Estação da Subestação Macau Norte

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	0.80	0.73	0.71	0.41	0.35	0.37	0.39	~	0.29	0.36	0.32	0.92	
2	1.02	0.77	0.67	0.62	0.38	0.38	0.47	~	0.31	0.33	0.30	1.17	
3	0.72	0.67	0.48	0.53	0.20	0.66	0.37	0.42	0.58	0.50	0.24	0.79	
4	0.87	0.66	0.59	0.40	0.92	1.00	0.28	0.38	0.53	0.38	0.47	0.58	
5	0.84	0.63	0.51	0.56	1.00	0.30	0.35	0.34	0.27	0.35	0.79	0.77	
6	1.01	0.65	0.51	0.47	0.43	0.31	0.40	0.35	0.25	0.35	0.81	0.96	
7	1.07	0.56	0.92	0.38	0.88	0.45	0.49	0.26	0.59	0.29	1.22	1.22	
8	1.01	0.79	0.91	0.42	0.74	0.40	0.43	0.24	0.70	0.49	0.98	1.14	
9	1.16	0.72	0.53	0.73	0.47	0.71	0.48	0.28	0.62	0.56	0.81	0.78	
10	0.82	0.69	0.76	0.42	0.80	0.50	0.36	0.39	0.71	0.20	0.87	0.51	
11	1.23	0.54	0.82	0.41	0.57	~	0.29	0.47	0.51	0.41	0.87	0.82	
12	1.10	0.59	0.90	0.41	0.45	0.77	0.42	0.48	0.38	0.38	0.67	0.70	
13	0.99	0.60	1.01	0.35	0.49	0.42	0.34	0.52	0.34	0.30	0.59	0.99	
14	0.93	0.71	0.71	0.45	0.58	0.58	0.32	0.56	0.41	0.35	0.52	1.02	
15	0.86	0.65	0.68	0.64	0.55	0.66	0.26	0.51	0.44	0.67	0.59	0.74	
16	1.07	0.75	0.97	0.62	0.47	0.52	0.27	0.55	0.29	0.48	0.84	0.51	
17	0.80	0.70	0.83	0.60	0.50	0.56	0.39	0.57	0.46	0.35	0.81	0.73	
18	0.78	0.61	1.27	0.47	0.65	0.52	0.25	0.23	0.55	0.30	0.89	0.90	
19	0.57	0.70	0.95	0.47	0.59	0.41	0.49	0.25	0.46	0.30	~	1.06	
20	0.84	0.88	0.89	0.54	0.44	0.51	0.30	0.28	0.54	0.25	#	1.44	
21	0.66	0.91	1.00	0.47	0.48	0.48	0.33	0.24	0.46	0.19	#	1.89	
22	1.03	1.51	0.58	0.52	0.42	0.60	0.35	0.23	0.51	0.25	~	1.16	
23	1.41	1.07	0.55	0.53	0.66	0.71	0.48	0.29	0.36	0.26	0.85	0.91	
24	1.10	0.83	0.52	0.44	0.53	0.51	0.24	0.40	0.24	0.16	0.79	0.84	
25	1.23	0.69	0.71	0.41	0.50	0.67	0.20	0.48	0.46	0.19	0.74	0.80	
26	1.11	0.60	0.45	0.44	0.40	0.66	0.33	0.45	0.25	0.34	0.79	0.78	
27	0.87	0.56	0.60	0.74	0.54	0.55	0.60	0.49	0.25	0.22	0.71	0.65	
28	1.41	0.59	0.59	0.79	0.50	0.59	0.55	0.56	0.29	0.13	0.43	1.24	
29	0.90		0.39	0.59	0.52	0.51	0.50	0.28	0.39	0.22	0.69	1.16	
30	0.93		0.44	0.27	0.70	0.39	0.51	0.45	0.50	0.33	~	1.03	
31	0.88		0.44		0.41		0.35	0.42		0.38		0.80	
最高 MÁX	1.41	1.51	1.27	0.79	1.00	1.00	0.60	0.57	0.71	0.67	1.22	1.89	1.89
平均 MÉD	0.97	0.73	0.71	0.50	0.55	0.54	0.38	0.39	0.43	0.33	0.70	0.93	0.60
最低 MÍN	0.57	0.54	0.39	0.27	0.20	0.30	0.20	0.23	0.24	0.13	0.24	0.51	0.13

一氧化碳(毫克/立方米)

CO (mg/m³)

水井斜巷

Calçada do Poço

	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO
1	0.57	1.62	0.97	0.94	0.81	0.62	0.97	0.55	1.93	#	0.67	1.12	
2	1.25	0.76	1.29	1.25	1.16	0.98	1.30	0.99	1.93	#	0.73	1.30	
3	0.81	0.80	0.95	0.38	0.53	1.23	1.12	1.42	1.60	#	0.94	0.77	
4	1.05	0.58	0.97	0.61	0.07	1.88	0.97	1.10	0.84	#	0.86	0.91	
5	0.80	0.64	1.18	0.66	0.11	0.73	1.42	0.70	0.66	2.18	0.90	0.76	
6	1.57	0.66	0.68	1.05	0.11	0.72	1.14	0.95	1.57	1.54	0.81	1.41	
7	1.56	0.59	0.86	0.54	0.22	0.91	0.96	0.60	1.81	1.37	0.94	1.47	
8	1.68	1.00	1.22	0.79	0.22	0.95	1.07	0.53	1.79	1.17	1.08	0.99	
9	1.01	1.14	0.90	0.69	0.23	1.22	1.11	0.63	1.68	1.07	0.81	0.49	
10	0.72	1.30	1.03	0.64	2.35	0.97	0.75	0.86	1.74	0.54	0.90	0.52	
11	1.79	1.61	0.71	0.81	1.45	1.79	0.77	0.90	1.55	0.48	1.38	0.78	
12	1.23	1.14	1.40	0.91	1.17	1.70	1.04	1.00	1.10	0.81	0.66	0.33	
13	1.09	1.03	0.92	0.72	1.22	1.18	0.43	0.98	0.44	0.73	0.65	0.51	
14	0.82	1.15	0.65	0.48	1.27	1.62	0.49	0.93	0.43	0.89	0.53	1.59	
15	1.29	0.93	1.41	1.25	0.99	1.43	0.54	0.82	1.31	1.39	0.82	0.74	
16	1.32	0.83	1.20	1.01	1.00	1.21	0.54	1.24	1.34	0.97	1.39	1.25	
17	0.82	0.95	1.26	0.65	1.02	1.51	0.53	1.32	1.64	0.66	0.97	1.51	
18	1.04	0.84	1.22	0.60	1.66	1.41	0.71	0.63	1.30	0.99	0.70	1.27	
19	0.50	1.07	~	0.78	1.06	0.82	1.10	0.75	1.77	0.98	1.41	1.16	
20	0.66	1.30	1.32	0.93	1.31	1.04	0.61	0.91	2.07	1.38	0.53	1.30	
21	0.15	1.40	0.56	0.98	0.97	1.45	0.22	0.72	0.80	1.37	0.54	1.33	
22	1.00	3.17	0.75	1.50	1.49	1.41	0.51	0.50	0.86	1.42	1.14	0.33	
23	1.49	1.19	0.81	0.83	1.40	1.59	0.79	0.59	1.01	1.38	1.12	0.94	
24	1.53	0.86	1.08	0.54	1.18	1.37	0.48	0.77	0.83	0.89	0.99	0.47	
25	1.72	1.81	0.95	0.45	1.28	1.98	0.48	1.40	0.68	0.81	1.03	1.00	
26	1.21	1.80	0.65	1.35	1.01	0.95	0.93	1.56	0.73	0.82	0.92	0.87	
27	1.25	0.98	1.13	1.06	1.13	0.75	1.64	1.26	1.00	1.40	0.26	1.11	
28	1.99	0.65	0.56	1.41	0.88	0.56	1.15	1.55	0.87	1.35	0.58	1.17	
29	0.89		0.48	0.65	1.44	0.69	1.43	1.19	0.74	1.21	0.87	0.63	
30	0.84		0.77	0.41	1.68	1.00	1.26	1.71	~	1.01	1.73	0.85	
31	0.91		0.71		0.64		0.80	1.82		0.82		1.02	
最高 MÁX	1.99	3.17	1.41	1.50	2.35	1.98	1.64	1.82	2.07	2.18	1.73	1.59	3.17
平均 MÉD	1.11	1.14	0.95	0.83	1.00	1.19	0.88	1.00	1.24	1.10	0.89	0.96	1.02
最低 MÍN	0.15	0.58	0.48	0.38	0.07	0.56	0.22	0.50	0.43	0.48	0.26	0.33	0.07

一氧化碳(毫克/立方米)

CO (mg/m³)

氹仔市中心
Cidade Taipa

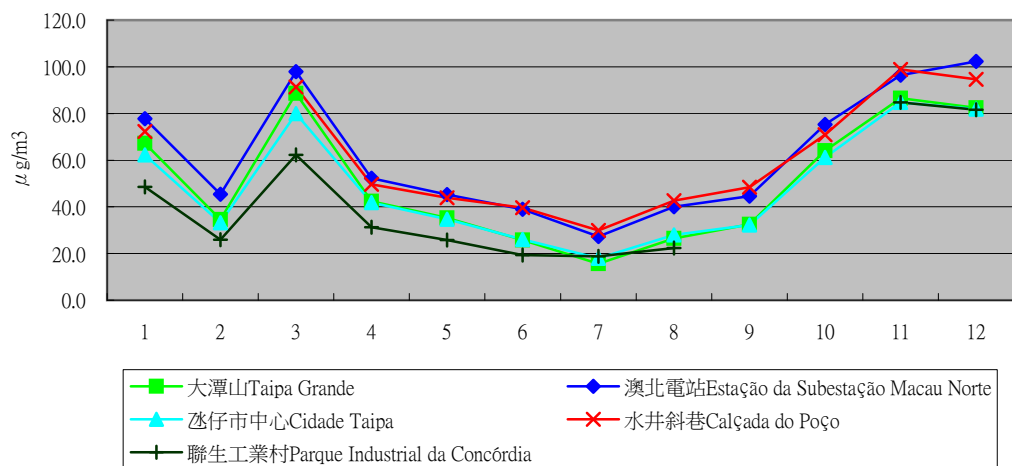
	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	0.43	0.39	0.29	0.35	0.63	0.45	0.37	0.29	0.93	0.46	0.67	0.88	
2	0.88	0.63	0.26	0.77	0.52	0.36	0.23	0.28	0.70	0.55	0.60	0.91	
3	0.49	0.46	0.31	0.29	0.49	0.72	0.22	0.46	0.54	0.65	0.72	0.72	
4	0.62	0.51	0.17	0.29	0.39	0.68	0.28	0.41	0.44	0.60	0.78	0.49	
5	0.55	0.41	0.16	0.33	0.35	0.64	0.38	0.61	0.37	0.61	0.86	0.55	
6	0.84	0.36	0.15	0.36	0.23	0.45	0.31	0.55	0.42	0.71	0.74	0.77	
7	0.99	0.41	1.05	0.44	0.32	0.34	0.22	0.45	0.42	0.56	1.14	1.06	
8	0.83	0.43	0.56	0.42	0.32	0.28	0.19	0.31	0.41	0.65	0.76	0.87	
9	0.83	0.11	0.45	0.59	0.34	0.36	0.14	0.38	0.44	0.58	0.71	0.57	
10	0.62	0.16	0.40	0.32	0.75	0.37	0.33	0.38	0.42	0.32	0.68	0.44	
11	1.19	0.17	0.21	0.13	0.82	0.96	0.31	0.41	0.29	0.29	0.66	0.68	
12	0.83	0.86	0.53	0.38	0.64	0.95	0.17	0.28	0.33	0.37	0.50	0.49	
13	0.79	0.42	0.41	0.32	0.49	0.32	0.39	0.27	0.35	0.43	0.44	0.53	
14	0.71	0.35	0.29	0.42	0.42	0.32	0.42	0.25	0.31	0.42	0.47	0.82	
15	0.56	0.40	0.26	0.63	0.48	0.31	0.32	0.26	0.37	0.72	0.43	0.76	
16	0.84	0.46	0.96	0.43	0.54	0.15	0.24	0.24	0.41	0.83	0.73	0.53	
17	0.60	0.56	0.34	0.41	0.52	0.21	0.33	0.25	0.34	0.72	0.73	0.56	
18	0.53	0.44	0.65	0.35	0.39	0.12	0.39	0.46	0.37	0.59	0.72	0.78	
19	0.48	0.52	0.47	0.35	0.31	0.27	0.42	0.35	0.47	0.62	0.85	0.89	
20	0.56	0.47	0.54	0.24	0.31	0.27	0.38	0.44	0.46	0.58	0.61	1.30	
21	0.46	0.47	0.58	0.22	0.21	0.31	0.28	0.52	0.29	0.49	0.39	1.45	
22	0.84	0.89	0.20	0.56	0.14	0.28	0.27	0.56	0.29	0.51	0.68	0.95	
23	1.04	0.47	0.13	0.74	0.73	0.20	0.32	0.34	0.39	0.65	0.70	0.70	
24	0.77	0.28	0.11	0.68	0.82	0.31	0.36	0.33	0.49	0.62	0.67	0.63	
25	0.85	0.33	0.74	0.64	0.83	0.19	0.36	0.31	0.39	0.55	0.68	0.68	
26	0.71	0.36	0.28	0.71	0.70	0.31	0.31	0.37	0.49	0.59	0.71	0.63	
27	0.51	0.23	0.44	0.89	0.61	0.30	0.19	0.25	0.39	0.54	0.55	0.60	
28	0.81	0.34	0.45	0.92	0.55	0.21	0.25	0.61	0.45	0.48	0.40	0.78	
29	0.30		0.37	1.01	0.41	0.40	0.35	0.77	~	0.55	0.47	0.70	
30	0.56		0.35	0.60	0.66	0.52	0.25	0.65	0.49	0.63	1.00	0.73	
31	0.52		0.35		0.55		0.34	0.93		0.69		0.71	
最高 MÁX	1.19	0.89	1.05	1.01	0.83	0.96	0.42	0.93	0.93	0.83	1.14	1.45	1.45
平均 MÉD	0.70	0.42	0.40	0.49	0.50	0.39	0.30	0.42	0.43	0.57	0.67	0.75	0.50
最低 MÍN	0.30	0.11	0.11	0.13	0.14	0.12	0.14	0.24	0.29	0.29	0.39	0.44	0.11

伽馬射線 (微格雷／小時)
 RADIAÇÃO GAMA (μGy/h)

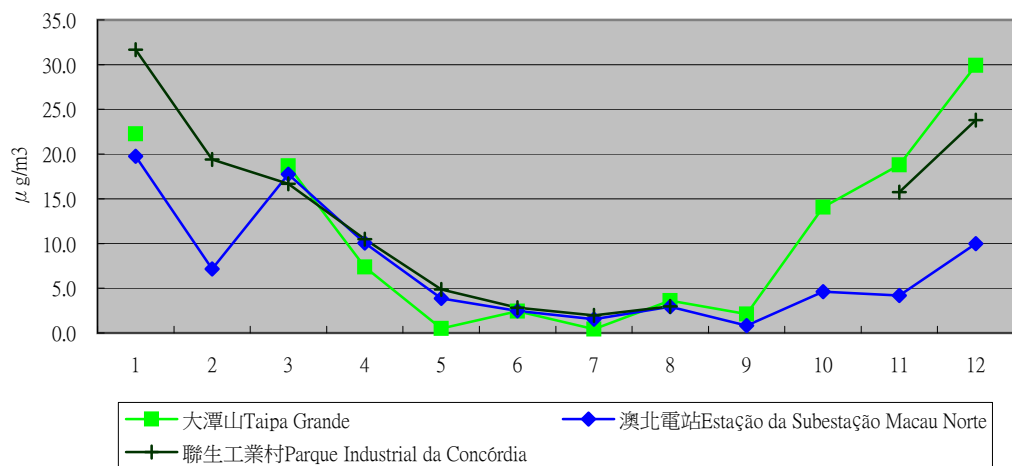
大潭山
 Taipa Grande

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO
1	#	#	#	#	#	#	#	#	#	#	#	#	
2	#	#	#	#	#	#	#	#	#	#	#	#	
3	#	#	#	#	#	#	#	#	#	#	#	#	
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30	#		#	#	#	#	#	#	#	#	#	#	
31	#		#		#		#	#		#		#	
最高 MÁX	#	#	#	#	#	#	#	#	#	#	#	#	#
平均 MÉD	#	#	#	#	#	#	#	#	#	#	#	#	#
最低 MÍN	#	#	#	#	#	#	#	#	#	#	#	#	#

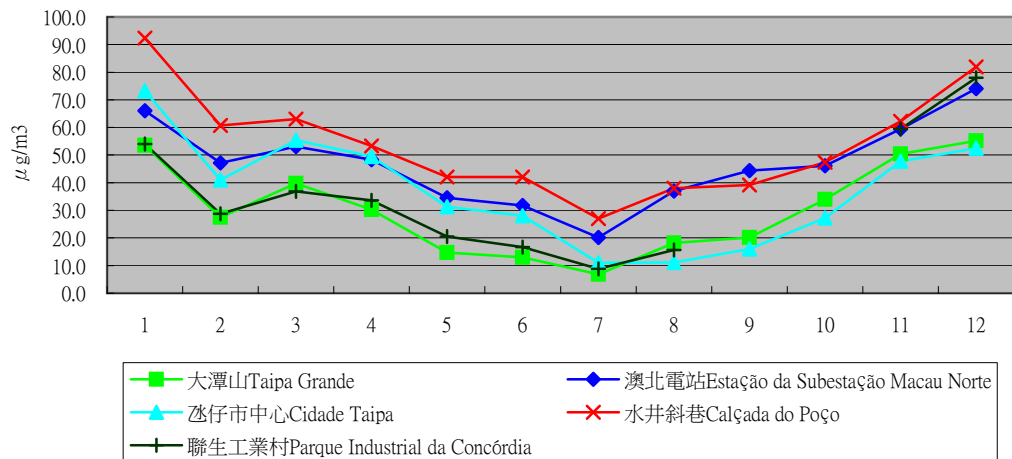
可吸入懸浮粒子月平均濃度
Valores médios mensais dos PIS(PM10)



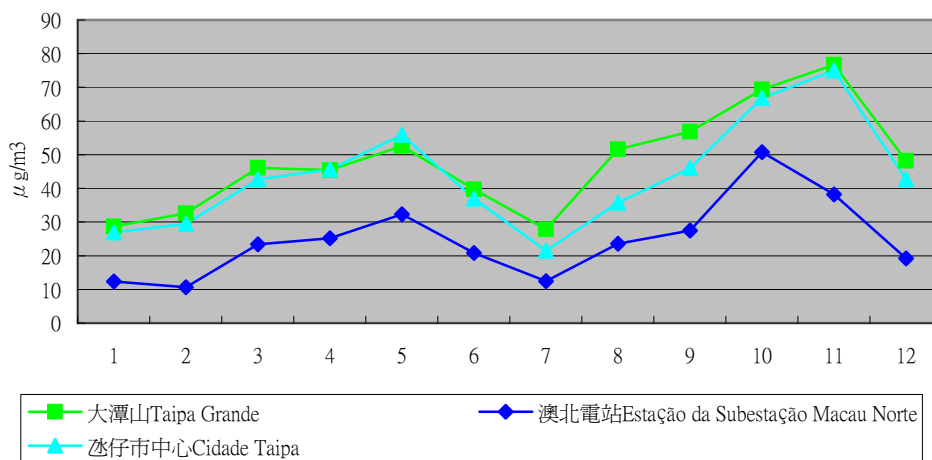
二氧化硫月平均濃度
Valores médios mensais dos SO2



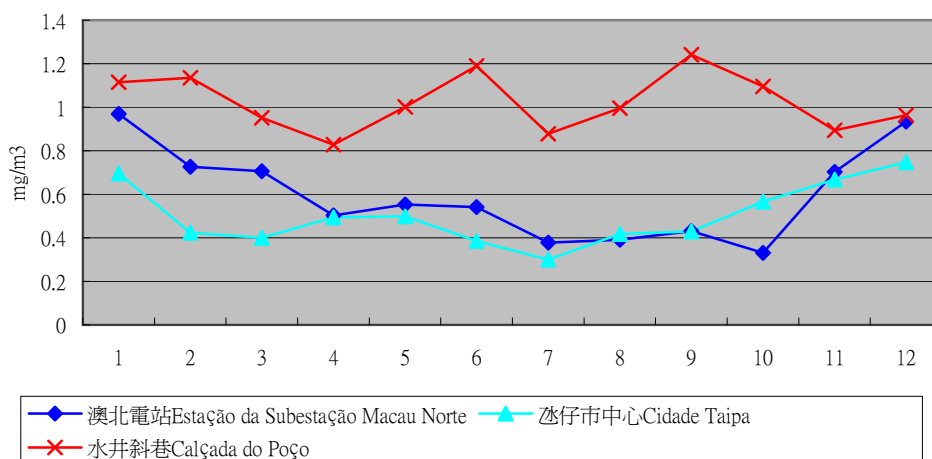
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Valores médios mensais dos NO2



臭氧月平均濃度
Valores médios mensais dos O₃



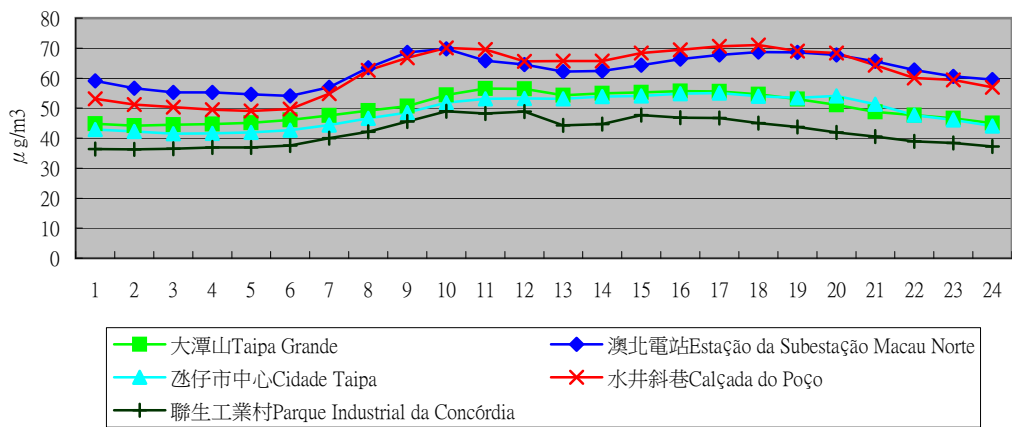
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Valores médios mensais dos CO



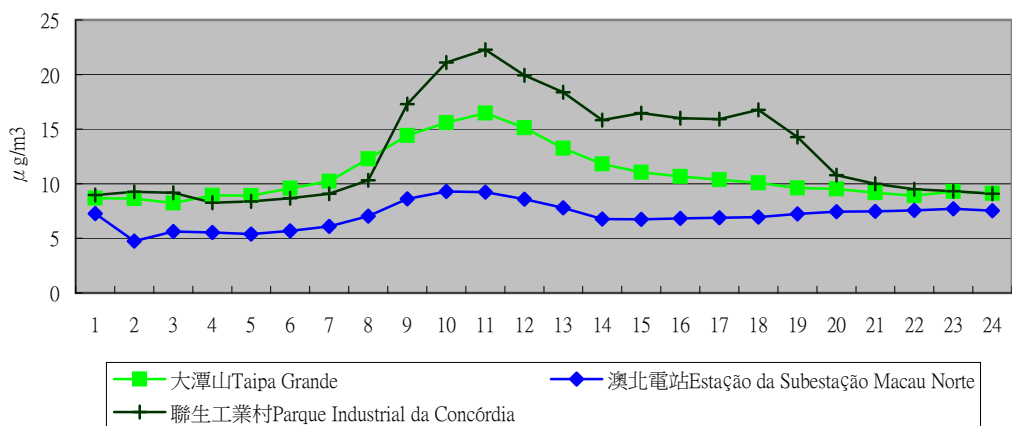
伽馬射線月平均濃度
Valores médios mensais dos RADIAÇÃO GAMA



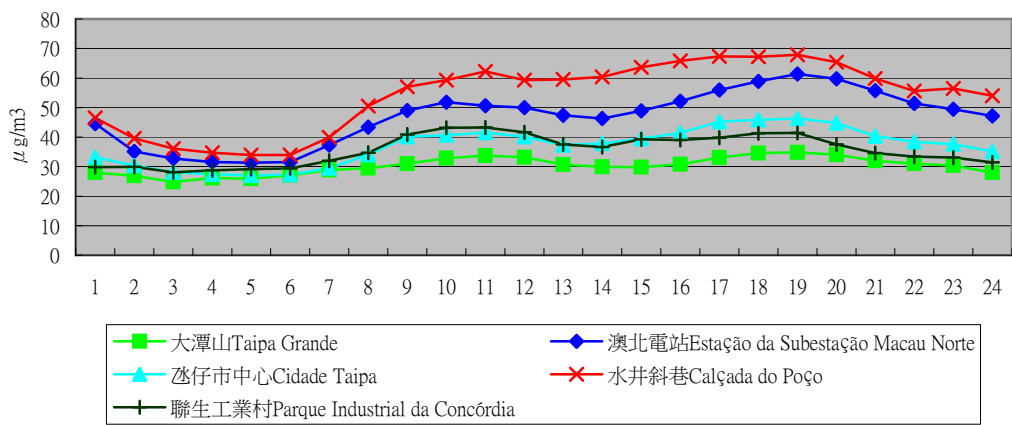
可吸入懸浮粒子濃度全年平均日變化
 Variação diurna dos valores das médias anuais
 das concentrações dos PIS(PM10)



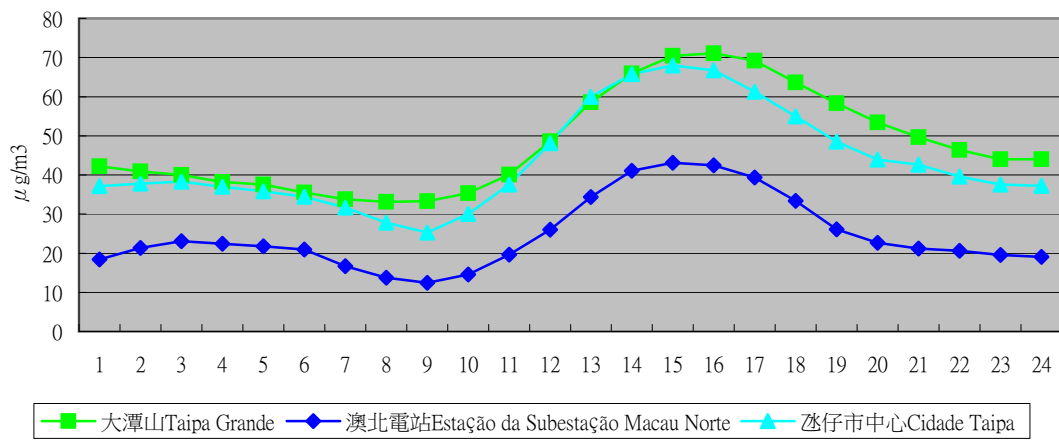
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 das concentrações dos SO2



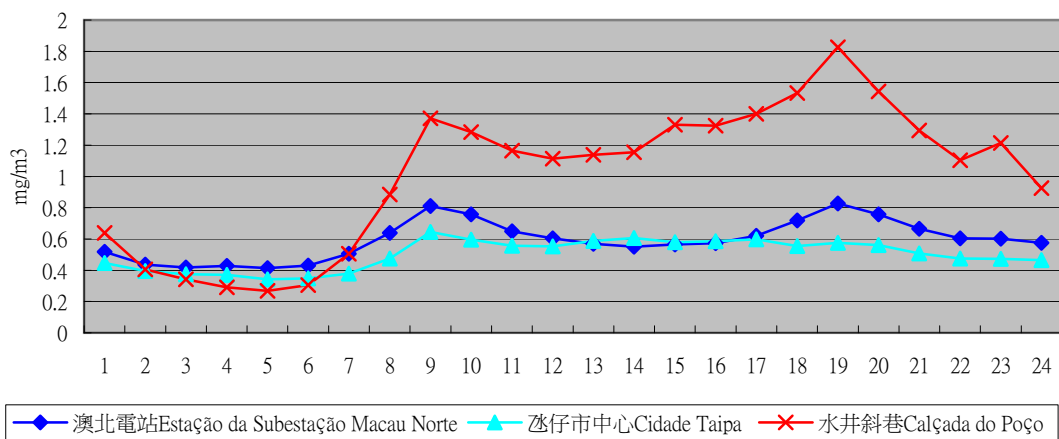
二氧化氮濃度全年平均日變化
 Variação diurna dos valores das médias anuais
 das concentrações dos NO2



臭氧濃度全年平均日變化
 Variação diurna dos valores das médias anuais
 das concentrações dos O₃



一氧化碳濃度全年平均日變化
 Variação diurna dos valores das médias anuais
 das concentrações dos CO



標示說明

- 1 自動站數據及半自動站中的雨水酸鹼度、空氣含鉛量及沉澱粒子等數據，當未能達到標準時，會以粗體加以標示。
- 2 年統計值是由月統計值計算所得，如當年部分月份之月統計從缺(如儀器故障、數據不足)，年統計值會以有底線紅色斜體字加以標示。
- 3 在本報告中，除特別說明外，將以下列符號標示：
 - # - 儀器故障
 - ~ - 數據不足
 - - 未有取樣
 - /// - 樣本有水
 - <MDL - 微量
 - xxx - 樣本受損
 - ? - 資料未能提供
 - VST - 微量

Indicações

- 1 As informações da acidez de precipitação das estações automáticos e semi-automáticos, do chumbo e partículas sedimentáveis quando não atingirem o nível padrão, são indicados com **caracteres mais escuras**.
- 2 Os valores anuais calculados são obtidos valores mensais, quando os valores mensais não são disponíveis (equipamento avariado, valor incompleto), os valores anuais são indicados por caracteres sublinhados em itálico vermelho.
- 3 Além dos que encontram explicados neste relatório, são utilizados os seguintes sinais:
 - # - equipamento avariado
 - ~ - amostra incompleta
 - - não há amostragem
 - /// - amostra com humidade
 - <MDL - menos da mínima detecção de nível
 - xxx - amostragem prejudicada
 - ? - as informações não se encontram disponíveis
 - VST - vestígios