

澳門特別行政區  
REGIÃO ADMINISTRATIVA ESPECIAL DE MACAU

氣象觀測月報  
RESULTADOS DAS OBSERVAÇÕES METEOROLÓGICAS

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

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# 一般指引

1. 本年報列出澳門之氣象站、氣候站及遙距觀測站之觀測資料。
2. 每個氣象及氣候觀測站均已給出其地理位置(緯度、經度、高度)，重力加速度及觀測儀器之位置(氣壓計距海平面高度、溫度計、雨量計及風標距地面之高度)。
3. 所有圖表顯示之時間均以東京120度時區時計算(即國際時UTC 加8小時)。
4. 每日平均數值是根據每天二十四小時之觀測資料算出，每月平均數值則是根據每天之觀測資料或每天之平均數值算出。
5. 自二零零一年，氣候標準值(三十年平均值)是根據澳門氣象局自一九七一年至二零零零年之觀測資料計算。極端數值則自一九零一年或一九五二起計算，凡自一九五二年起計算者均以符號「a」提示。
6. 各種氣象參數量度方法簡述如下：

**大 氣 壓 力** : 以水銀氣壓計(kew型號)及每日自記式之氣壓記錄儀量度，圖表上所載之數值(在澳門氣象局)是以水銀槽高度計算，以百帕斯卡為單位。自2002年8月1日，本局改用(Vaisala MILOS 500)進行有關測量。

**氣 溫** : 以藏在百葉箱內之水銀及酒精溫度計和日記式溫度記錄儀量度，以攝氏為單位。自2002年8月1日，本局改用(Vaisala MILOS 500)進行有關測量。

**露 點** : 將乾、濕溫度計之讀數，代入對數表而獲得；該對數表是根據以下之公式計算， $e=ew-ap(T-T_w)$ 而 $a=0.00066(1+0.00115T_w)$ 。露點溫度以攝氏為單位。自2002年8月1日，本局改用(Vaisala MILOS 500)進行有關測量。

**相 對 濕 度** : 以藏在百葉箱內之乾、濕溫度計及自記式乾濕記錄儀量度。圖表中之數值為相對濕度，以百分比為單位。自2002年8月1日，本局改用(Vaisala MILOS 500)進行有關測量。

**雨 量** : 以直徑203毫米之雨量計及自記式雨量記錄儀量度，以毫米為單位。當降水量低於0.1毫米時，以微量(VST)雨量記錄代表。自2002年8月1日，本局改用(Vaisala MILOS 500)進行有關測量。

**風** : 風向、風速均以(Vaisala型號)之風向風速計連續測量。風向以16個方位表示，風速及陣風以公里/小時為單位；盛行風向為每小時多吹之風向，而附隨之風速是每小時平均風速。靜風(平均風速介乎0至1公里/小時之間)則以字母「C」代表。

**雲 量** : 代表天空被雲覆蓋之份數(0至10份)。

- 日照量**：以日光光度計(Campbell - Stokes)量度實際日照時數，以小時為單位。
- 總輻射**：以Kipp & Zonen廠CM11型號之日照儀裝置於戶外接收太陽輻射，並由同廠CC12型電子日照累積儀記錄。以( $10^{-2}$  MJm<sup>-2</sup>)為單位。
- 漫射太陽輻射**：以Kipp & Zonen廠CM121型號之日照儀裝置於戶外接收太陽輻射，並由同廠CC12型電子日照累積儀記錄。以( $10^{-2}$  MJm<sup>-2</sup>)為單位。
- 最低草溫**：於每日九時以最低溫度計量度最低草地溫度。
- 土壤溫度**：於每日九時以水銀溫度計分別量度土地深度為10厘米、20厘米、50厘米及100厘米之溫度。
- 海水溫度**：在北緯22° 8'，東經113° 36' 30" 海域，放置一溫度感應器記錄海面溫度。
- 蒸發量**：於每日九時，以掛於百葉箱之蒸發計測量，及觀測場內之不銹鋼蒸發盤量度，以毫米為單位。

**蒸發量附隨之觀測**：測量蒸發量之同時，在A型蒸發盤量度每日水溫極值及風程計算。

**水平能見度**：根據肉眼觀察估計之公里距離。

**地表狀況**：於每日九時所觀察之地面狀況：  
0 - 乾地 1 - 微濕地 2 - 濕地或有積水

**天氣概況**：各種天氣概況之簡述如下：

a - 上午	OR - 露水
p - 下午	NB - 薄霧
n - 晚間	NV - 霧
m - 凌晨	BS - 煙霞
-	AI - 彩虹
CH - 雨	RP - 閃電
CV - 毛毛雨	TR - 雷
AG - 驟雨	CS - 日冕
BO - 颱風線	CL - 月冕
TM - 水龍捲	HS - 日暈
	HL - 月暈

## INDICAÇÕES GERAIS

1. No presente volume publicam-se os resultados das observações das Estações Meteorológicas, Climatológicas e de Telemetria de Macau.
2. Para cada Estação Meteorológica ou Climatológica dão-se os elementos necessários para determinação da sua posição (Latitude, Longitude e Altitude), a aceleração da gravidade e os elementos referentes à posição dos sensores (altitude do nível da tina do barómetro, alturas acima do solo do reservatório do termómetro seco, da boca do udómetro, do anemómetro e do catavento).
3. As horas inscritas nos quadros referem-se ao tempo médio do meridiano 120° E (Tempo Universal Coordenado - UTC, acrescido de 8 horas).
4. Os valores médios diários foram calculados para 24 horas de observações diárias e os valores médios mensais a partir das observações diárias ou dos valores médios diários das observações.
5. As normais climatológicas referentes à Estação Meteorológica de Macau foram, a partir de 2001, calculadas para o período de 1971-2000, sendo os valores extremos apresentados referentes ao período são contados a partir de 1901 ou 1952, sendo os contados a partir de 1952 assinalados com a).
6. Descrevem-se sumariamente os processos de medição dos valores dos diversos parâmetros meteorológicos:

**Pressão Atmosférica** - Mede-se com um barómetro de mercúrio (tipo KEW) e com um barógrafo de rotação diária. Os valores inscritos no quadro (Estação Meteorológica de Macau), referem-se à pressão atmosférica ao nível da tina e exprimem-se em hectopascals.

A partir de 1 de Agosto de 2002, é medida com sensor da Vaisala MILOS 500.

**Temperatura do Ar** - Mede-se com termómetros de mercúrio e de álcool e termógrafo de rotação diária, colocados em abrigo de Stevenson. Os valores inscritos no quadro exprimem graus Celsius. A partir de 1 de Agosto de 2002, é medida com sensor da Vaisala MILOS 500.

**Ponto de Orvalho** - Os valores da temperatura do ponto de orvalho são calculados através das leituras do termómetro seco e do molhado, utilizando-se as tabelas, obtidas através da expressão:  $e = e_w - a_p(T - T_w)$ , onde,  $a = 0,00066(1 + 0,00115T_w)$ . Os valores inscritos no quadro exprimem graus Celsius. A partir de 1 de Agosto de 2002, é medida com sensor da Vaisala MILOS 500.

**Humidade Relativa** - Mede-se com psicrómetro e higrógrafo colocados em abrigo Stevenson. Os valores inscritos no quadro exprimem por cento. A partir de 1 de Agosto de 2002, é medido com sensor da Vaisala MILOS 500.

**Precipitação** - Mede-se com um udómetro de 203mm de diâmetro e com um udógrafo. Os valores inscritos no quadro exprimem milímetros de precipitação. Quando a precipitação for inferior a 0,1mm é registado por VST. A partir de 1 de Agosto de 2002, é medido com sensor da Vaisala MILOS 500.

**Vento** - A direcção do vento referida a 16 rumos, a velocidade expressa em quilómetros por hora e a velocidade instantânea (rajadas) foram obtidas a partir do registo contínuo de um anemómetro Vaisala. As direcções inscritas no quadro são as predominantes em cada hora e os números que se lhes seguem são as velocidades médias horárias. O símbolo "C" significa "calma" (incluindo nesta designação velocidades médias do vento compreendidas entre 0 e 1 km/h).

**Nebulosidade** - Os valores inscritos são avaliados por estimativa e exprimem décimos (0 a 10) do céu coberto.

**Insolação** - Mede-se com um heliógrafo Fuess, tipo Campbell-Stokes e os valores inscritos no quadro exprimem horas.

**Radiação Global** - Um piranómetro CM11 da fábrica Kipp & Zonen para medir a radiação solar e instalado no exterior; um integrador solar electrónico CC12 para registo, da mesma fábrica. Os valores inscritos no quadro exprimem ( $10^{-2}$  MJm<sup>-2</sup>).

**Temperatura Mínima na Relva** - Mede-se com um termómetro mínima, lido, diariamente, às 9 horas.

**Temperatura do Solo** - Mede-se às profundidades de 10cm, 20cm, 50cm e 100cm, com termómetros de mercúrio, lidos, diariamente, às 9 horas.

**Temperatura da Água do Mar** - Mede-se com um sensor de temperatura incorporado no ondógrafo, localizado na latitude de 22° 8'N e longitude de 113° 36'30"E.

**Evaporação** - Mede-se com um evaporímetro de Piche colocado em abrigo de Stevenson e em tina de classe A, lidos, diariamente, às 9 horas. Os valores inscritos exprimem milímetros.

**Observações Complementares da Evaporação** - Complementarmente às da evaporação em tina de classe A, fazem-se leituras das temperaturas extremas da água e do percurso diário do vento.

**Visibilidade Horizontal** - Avalia-se por estimativa, à vista desarmada, e os valores inscritos no quadro exprimem quilómetros.

**Estado do solo** – Observa-se, diariamente às 9 horas e os valores inscritos exprimem:

0 – solo seco, 1 – solo húmido, 2 – solo molhado ou com poças de água.

**Evolução do tempo** – É indicada pelas repectivas abreviaturas como abaixo se especifica:

<b>a</b> - Durate a manhã	<b>OR</b> - Orvalho
<b>p</b> - Durate a tarde	<b>NB</b> - Neblina
<b>n</b> - Durate a noite	<b>NV</b> - Nevoeiro
<b>m</b> - Durate a madrugada	<b>BS</b> - Bruma sêca
-	<b>AI</b> - Arco-íris
<b>CH</b> - Chuva	<b>RP</b> - Relâmpago
<b>CV</b> - Chuvisco	<b>TR</b> - Trovoada
<b>AG</b> - Aguaceiros	<b>CS</b> - Coroa solar
<b>BO</b> - Borrasca	<b>CL</b> - Coroa lunar
<b>TM</b> - Tromaba marítima	<b>HS</b> - Halo solar
	<b>HL</b> - Halo lunar



# 氣象站及氣候站簡介

## Elementos referentes às Estações Meteorológicas e à Estação Climatológica

名稱 Nome	$\varphi$	$\lambda$	Hs (m)	$g$ (m/s <sup>2</sup> )	Hb (m)	ht (m)	hr (m)	ha (m)	hd (m)
大潭山 Taipa Grande	22° 09'36"	113° 33'54"	110,00	9,7877	114	1,4	1,4	15,4	15,4
嘉樂庇總督大橋 Ponte Governador Nobre de Carvalho	22° 10'51"	113° 32'30"	39,40					7,0	7,0
友誼大橋北峰 Ponte de Amizade Norte	22° 11'30"	113° 33'36"	39,64					8,0	8,0
友誼大橋南峰 Ponte de Amizade Sul	22° 10'54"	113° 33'36"	39,54					8,0	8,0
大炮台山 Fortaleza do Monte	22° 11'54"	113° 32'21"	59,00			3,0	7,0	9,0	9,0
紀念孫中山市政公園 Parque Municipal Dr. Sun Yat Sen	22° 12'54"	113° 32'24"	16,82			1,5	2,0	8,0	8,0
澳門教科文中心 Centro Unesco de Macau	22° 11'30"	113° 32'48"	11,70				0,5		
媽閣山 Colina da Barra	22° 11'03"	113° 31'45"	81,17			1,0	1,5	1,5	1,5
九澳 Ka - Hó	22° 08'09"	113° 34'39"	27,00	9,7877		1,5	1,5	13,5	13,5
路環分站 Delegação (Coloane)	22° 07'03"	113° 32'54"	3,30	9,7877		1,5	1,5	10,0	10,0

$\varphi$  - 緯度  
Latitude

$\lambda$  - 經度  
Longitude

Hs - 高度  
Altitude

$g$  - 重力加速度  
Aceleração da gravidade

Hb - 放置氣壓距海平面之高度  
Altitude do nível da tina do barómetro

ht - 放置乾溫度計距地面之高度  
Altura do reservatório do termómetro seco acima do solo

hr - 雨量計距地面之高度  
Altura da boca do udómetro acima do solo

ha - 風力計距地面之高度  
Altura do anemómetro acima do solo

hd - 風標距地面之高度  
Altura do catavento acima do solo

# 本月天氣狀況及氣象統計

**SITUAÇÃO GERAL E RESULTADO DE OBSERVAÇÃO METEOROLÓGICA**

## 2002 年部份氣象要素之月及年統計值

## RESULTADOS MENSIS E ANNUAL DE ALGUNS ELEMENTOS METEOROLÓGICOS EM 2002

## MONTHLY AND ANNUAL STATISTIC OF SELECTED METEOROLOGICAL PARAMETERS FOR 2002

	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	日期 Data
<b>海平面氣壓 ( hPa )</b>														
<b>Pressão atmosférica ao nível do mar ( hPa )</b>														
絕對最高 Máxima absoluta	1027.7	1028.2	1025.2	1020.8	1015.3	1011.2	1009.1	1013.4	1015.6	1019.9	1025.2	1030.7	1030.7	12-13
平均 Média	1021.0	1021.0	1016.1	1013.4	1009.6	1007.0	1003.4	1005.6	1009.8	1014.5	1018.6	1020.3	1013.4	
絕對最低 Mínima absoluta	1011.9	1014.2	1008.7	1008.1	1001.9	1002.8	996.5	991.0	1000.1	1008.1	1008.0	1011.5	991.0	08-04
平均日較差 Variação média diurna	3.8	4.0	4.0	3.5	3.3	2.6	2.9	3.8	3.6	3.5	4.0	4.3	3.6	
<b>氣溫 ( °C )</b>														
<b>Temperatura do ar ( °C )</b>														
絕對最高 Máxima absoluta	26.4	26.7	27.2	31.2	31.8	32.4	35.2	33.6	34.0	30.7	30.0	28.4	35.2	07-05
平均最高 Média das máximas	19.8	21.2	24.1	27.2	30.2	30.8	31.6	31.1	29.2	27.3	23.5	20.1	26.3	
平均 Média	16.1	17.6	20.8	24.2	26.8	28.0	28.4	28.1	26.4	24.3	20.4	16.8	23.2	
平均最低 Média das mínimas	13.0	14.9	18.3	21.7	24.2	25.8	26.0	25.8	24.4	22.3	18.0	14.7	20.8	
絕對最低 Mínima absoluta	7.3	7.5	11.8	14.4	21.7	22.2	23.3	24.1	22.0	16.9	14.3	5.5	5.5	12-27
平均日較差 Variação média diurna	6.8	6.3	5.8	5.5	6.0	5.0	5.7	5.3	4.8	5.0	5.6	5.4	5.6	
<b>相對濕度 ( % )</b>														
<b>Humidade relativa</b>														
平均 Média	79	82	86	88	84	86	87	79	79	76	70	80	81	
絕對最低 Mínima absoluta	31	54	38	58	53	67	58	52	37	27	29	50	27	10-08
雲量 ( 0 -10 ) Nebulosidade ( 0 -10 )	5.3	6.0	7.6	7.4	7.2	7.5	7.3	6.5	6.8	6.7	5.4	7.7	6.8	
日照量 (h) Insolação (h)	139.3	136.9	109.2	180.3	155.6	189.4	157.9	200.6	130.4	130.6	166.0	99.6	1795.8	
<b>雨量 ( mm )</b>														
<b>Precipitação ( mm )</b>														
總數 Total	20.0	6.0	182.8	18.6	245.8	312.4	289.8	333.8	588.6	91.6	35.4	58.8	2183.6	
降雨日數 Número de dias com precipitação	6	2	9	3	13	18	14	14	17	7	5	10	118	
最高日雨量 (b) Máxima diária	9.4	4.4	79.4	14.2	45.4	96.4	59.6	105.0	152.4	31.2	25.8	22.0	152.4	09-29
最高時雨量 (a) Máxima horária	5.6	1.4	22.2	8.0	31.6	34.2	47.8	38.4	61.2	19.0	5.8	4.4	61.2	09-29
<b>風</b>														
<b>Vento</b>														
盛行風向 Direcção predominante	N	SE	SE	SE	SE	S	S	S	SE	N	N	N	SE	
平均風速 ( km/h ) Velocidade média	15.0	14.1	14.2	17.4	15.0	16.8	14.4	14.6	17.2	16.1	18.8	19.0	16.0	
最高陣風 ( km/h ) Rajada máxima ( km/h )	71	63	68	63	62	62	66	84	125	72	62	72	125	09-11

本月氣象要素統計值及其與氣候平均值之偏差

OS VALORES DE ALGUNS ELEMENTOS METEOROLÓGICOS OBSERVADOS DURANTE O MÊS E OS RESPECTIVO DEVIOS EM RELAÇÃO AOS VALORES NORMAIS

THE MONTHLY FIGURES AND THE DEVIATION FROM THE CLIMATOLOGICAL NORMALS

氣溫 (°C)			
Temperatura do ar (°C)			
平均	15.3	(a)	0.5
Média			
平均最高	19.3		1.6
Média das máximas			
平均最低	12.4	(b)	0.2
Média das mínimas			
雨量 (mm)			
Precipitação (mm)	8.6	(c)	-23.8
自一月起之累積雨量	8.6		-23.8
平均相對濕度 (%)			
Humidade relativa média (%)	71	(d)	-3
蒸發量 (mm)			
Evaporação (mm)	81.7	(e)	-5.1
日照量 (h)			
Insolação (h)	181.6	(f)	49.2
風			
Vento			
盛行風向及其平均風速	N		20.6
Direção predominante			
平均風速 (km/h)	16.4		
Velocidade média			

(a) 自1998年以來，該月份最低。

(a) A mais baixa do mês desde 1998

(b) 自1998年以來，該月份最低。

(b) A mais baixa do mês desde 1998

(c) 自1996年以來，該月份最低。

(c) A mais baixa do mês desde 1996

(d) 自1996年以來，該月份最低。

(d) A mais baixa do mês desde 1996

(e) 自1996年以來，該月份最高。

(e) A mais elevado do mês desde 1996

(f) 自1992年以來，該月份最高。

(f) A mais elevado do mês desde 1992

氣候平均值及自1901年起錄得之氣候極值

VALOR NORMAL E OS EXTREMOS REGISTRADOS A PARTIR DE 1901  
CLIMATOLOGICAL NORMALS AND EXTREME VALUES SINCE 1901

註: (a) 自1952年; (b) 1952年前之日雨量為09時至09時雨量

Nota: (a) A partir de 1952; (b) Os registos da quantidade de precipitação antes de 1952 é contado das 9 às 9 horas

Note: (a) Since 1952, (b) The daily precipitation is calculated from 09 to 09 before 1952.

	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	日期 Data
<b>海平面氣壓 ( hPa )</b>														
<b>Pressão atmosférica ao nível do mar ( hPa )</b>														
絕對最高 (a)	1033.2	1031.7	1032.8	1029.3	1027.0	1014.2	1028.8	1023.2	1019.7	1025.0	1031.6	1033.8	1033.8	1999-12-22
Máxima absoluta														
平均	1020.2	1018.7	1016.1	1012.8	1009.3	1006.2	1005.6	1005.3	1009.4	1014.1	1018.2	1020.8	1013.1	
Média														
絕對最低 (a)	1003.5	1003.3	1002.8	987.8	981.5	973.3	983.1	971.8	966.4	991.7	987.7	1001.5	966.4	1964-09-05
Mínima absoluta														
平均日較差	4.0	4.0	4.1	3.8	3.3	3.0	3.3	3.4	3.4	3.5	3.8	4.0	3.6	
Variação média diurna														
<b>氣溫 ( °C )</b>														
<b>Temperatura do ar ( °C )</b>														
絕對最高	29.1	30.2	31.5	35.3	37.5	36.9	38.9	38.5	38.1	36.0	34.2	30.0	38.9	1930-07-02; 1930-07-06
Máxima absoluta														
平均最高	17.7	17.7	20.7	24.5	28.1	30.3	31.5	31.2	30.0	27.4	23.4	19.6	25.2	
Média das máximas														
平均	14.8	15.2	18.2	22.1	25.5	27.7	28.6	28.3	27.3	24.7	20.4	16.5	22.4	
Média														
平均最低	12.2	13.1	16.2	20.2	23.6	25.7	26.3	26.0	24.9	22.3	17.8	13.8	25.2	
Média das mínimas														
絕對最低	-1.8	0.4	3.2	8.5	13.8	18.5	19.3	19.0	13.2	9.5	5.0	0.0	-1.8	1948-01-26
Mínima absoluta														
平均日較差	5.5	4.6	4.5	4.4	4.6	4.7	5.3	5.2	5.1	5.1	5.6	5.8	5.0	
Variação média diurna														
<b>相對濕度 ( % )</b>														
<b>Humidade relativa</b>														
平均	74	80	85	86	86	84	82	82	79	73	69	69	79	
Média														
絕對最低 (a)	10	19	13	26	34	23	39	40	25	20	16	11	10	1968-01-15
Mínima absoluta														
<b>雲量 ( 0 -10 )</b>														
<b>Nebulosidade ( 0 -10 )</b>														
日照量 (h)	132.4	81.8	75.9	87.8	138.4	168.2	226.2	194.7	182.2	195.0	177.6	167.6	1827.8	
Insolação (h)														
<b>雨量 ( mm )</b>														
<b>Precipitação ( mm )</b>														
平均	32.4	58.8	82.5	217.4	361.9	339.7	289.8	351.6	194.1	116.9	42.6	35.2	21.1	
Média														
降雨日數	6	10	12	12	15	17	16	16	13	7	5	4	133	
Número de dias com precipitação														
最高月雨量 (b)	153.1	279.0	477.8	749.4	975.2	892.9	917.9	836.4	621.4	405.1	244.4	150.8	975.2	1972-05
Máxima mensal														
最高日雨量 (b)	106.2	67.2	91.1	303.2	348.2	304.3	240.2	275.8	280.2	316.6	217.4	118.2	348.2	1972-05-10
Máxima diária														
最高時雨量 (a)	17.8	25.6	45.6	100.4	107.2	75.6	90.4	94.0	125.1	52.6	42.0	19.0	125.1	1964-09-06
Máxima horária														
<b>風</b>														
<b>Vento</b>														
盛行風向	N	NNW	ESE	ESE	ESE	SW	SW	SW	ESE	ESE	N	N	ESE	
Direcção predominante														
平均風速 ( km/h )	13.7	13.2	12.1	11.8	12.1	12.2	11.9	11.2	12.8	14.9	14.8	14.1	12.9	
Velocidade média														
最高陣風 ( km/h ) (a)	90	93	100	121	139	152	129	152	211	132	130	91	211	1964-09-05
Rajada máxima ( km/h )														

## 總結 1 月天氣狀況

2003 年 1 月份較正常稍為溫暖及少雨，月平均氣溫為 15.3 度較正常值高 0.5 度，而最高平均溫度為 19.3 度則較正常值高 1.6 度。本月錄得總降雨量只得 8.6 毫米，較正常值少 23.8 毫米，這是自 1996 年以來 1 月份之最低記錄，但本月日照時間為 181.6 小時，較正常值多 49.2 小時，這是自 1992 年以來 1 月份之最高記錄。

1 月初期受著中國大陸反氣旋南下的影響，多雲及有幾陣微雨，3 日下午天氣轉晴及乾燥，天晴和乾燥的天氣持續了 2 天。

一道較強的冷鋒於 6 日抵達廣東沿岸，帶來寒冷有雨的天氣，並於當日錄得本月最高日降雨量為 7.4 毫米。翌日清晨錄得本月最低氣溫為攝氏 6.2 度，而日間天氣也迅速好轉為天晴。

由 8 日至 22 日，由於受到華南地區的一道高壓脊影響，除了間中多雲及有一些煙霞外，天氣持續都是早上清涼，日間陽光充沛及乾燥。並於 16 日錄得本月最高氣溫為攝氏 25.1 度。

23 日晚上受一股偏東氣流影響，天色轉為多雲。25 日、26 日天氣潮濕，並有薄霧。

至 27 日清晨另一道冷鋒抵達華南沿岸，日間天氣又轉為天晴乾燥，這種天氣持續了兩天。30 日東風增強，天色轉為多雲。翌日，受東風減弱影響，下午天色又再度好轉。

## **RESUMO DO ESTADO DO TEMPO EM MACAU NO MÊS DE JANEIRO**

O tempo no mês de Janeiro foi mais quente e com menos chuva. A temperatura média diária de 15,3 graus Celsius foi em 0,5 graus Celsius acima do normal. A temperatura média das máximas de 19,3 graus Celsius foi em 1,6 graus Celsius acima do normal. O valor da precipitação mensal de 8,6 milímetros foi em 23,8 milímetros abaixo do normal e constituiu o valor mais baixo de Janeiro desde 1996. Mas a insolação de 181,6 horas foi em 49,2 horas acima do normal e constituiu o valor mais alta de Janeiro desde 1992.

Pela influência da movimentação para sul de um anticiclone continental no início do mês, o tempo foi nublado com alguma chuva fraca. Passou para céu limpo e seco na tarde do dia 3 e se prolongou para dois dias seguintes.

O tempo passou a frio e chuvoso pela influência da passagem de uma frente fria activa nas regiões costeiras de Guangdong no dia 6. A precipitação máxima diária de 7,4 milímetros foi registada nesse dia. A temperatura mínima de ar de 6,2 graus Celsius foi observada nos princípios da manhã do dia seguinte, com o tempo a melhorar rapidamente e passar a céu limpo durante o dia.

De 8 até 22, devido à influência de uma crista de altas pressões sobre a China Meridional, o tempo foi basicamente relativamente frio na manhã e seco e soalheira durante o dia, e houve períodos intervalados de nuvens e bruma. A temperatura máxima de 25,1 graus Celsius foi registado no dia 16.

A intensificação do vento fresco de Leste no dia 23 provocou céu muito nublado. Foi húmido e com neblina nos dias 25 e 26.

À medida da passagem de uma outra frente fria nas regiões costeiras de Guangdong no dia 27, o céu passou novamente a limpo e seco durante o dia. O céu limpo e seco persistiu para os dois dias seguintes. Passou a muito nublado à medida que o vento intensificava de Leste no dia 30. O tempo melhorou no dia seguinte com o enfraquecimento do vento.

澳門氣象觀測站  
**OBSERVATÓRIO METEOROLÓGICO DE MACAU**

氹仔大潭山  
**Taipa Grande**

站高氣壓 (百帕斯卡)

**PRESSÃO ATMOSFÉRICA ( hPa )**

**ATMOSPHERIC PRESSURE ( hPa )**

	<b>1h</b>	<b>2h</b>	<b>3h</b>	<b>4h</b>	<b>5h</b>	<b>6h</b>	<b>7h</b>	<b>8h</b>	<b>9h</b>	<b>10h</b>	<b>11h</b>	<b>12h</b>	<b>13h</b>	<b>14h</b>
1	1008.6	1008.5	1008.2	1008.3	1008.5	1008.4	1009.1	1010.3	1011.1	1011.5	1011.1	1010.3	1009.4	1009.2
2	1011.0	1010.8	1010.0	1009.7	1009.1	1008.2	1009.1	1010.3	1011.1	1011.7	1010.9	1009.4	1009.3	1009.0
3	1012.1	1012.1	1011.9	1011.8	1011.6	1011.9	1012.3	1012.7	1013.2	1013.0	1012.2	1011.7	1010.2	1009.3
4	1011.4	1011.1	1010.9	1011.1	1011.2	1011.1	1011.4	1012.4	1012.8	1013.2	1012.8	1012.0	1010.8	1010.1
5	1012.3	1012.4	1012.4	1012.2	1012.6	1012.9	1013.6	1014.5	1014.6	1015.5	1014.9	1014.2	1012.8	1011.6
6	1011.7	1010.8	1010.0	1009.5	1009.2	1008.6	1009.3	1009.4	1009.3	1009.8	1009.8	1008.3	1008.9	1008.0
7	1009.3	1009.5	1009.0	1009.1	1009.3	1009.6	1010.3	1011.0	1011.3	1011.8	1011.6	1010.2	1008.9	1008.4
8	1011.0	1011.0	1010.8	1011.3	1011.2	1011.6	1012.0	1012.4	1012.7	1012.9	1012.6	1011.9	1010.3	1009.2
9	1009.8	1009.2	1009.0	1008.9	1008.8	1009.4	1009.8	1010.1	1010.5	1010.4	1009.9	1009.2	1007.8	1006.9
10	1008.8	1008.3	1007.9	1007.9	1007.9	1008.2	1008.6	1009.0	1009.4	1009.8	1009.8	1008.8	1007.4	1006.4
11	1008.7	1008.8	1008.9	1009.1	1009.1	1009.5	1009.8	1010.3	1010.9	1011.4	1011.2	1010.4	1009.4	1008.4
12	1009.7	1009.3	1009.1	1008.8	1008.8	1009.1	1009.8	1010.5	1011.2	1011.8	1011.3	1010.7	1009.4	1008.4
13	1008.2	1008.0	1007.7	1007.3	1007.1	1007.4	1007.8	1008.4	1008.9	1009.3	1008.9	1008.0	1006.8	1005.7
14	1007.3	1007.2	1007.2	1007.4	1007.4	1007.8	1008.7	1009.1	1009.5	1009.5	1009.6	1008.8	1007.9	1006.9
15	1009.8	1009.4	1009.3	1009.3	1008.9	1009.7	1010.3	1011.2	1011.9	1012.5	1012.3	1011.6	1011.0	1010.3
16	1011.2	1010.9	1010.4	1010.0	1009.8	1010.1	1010.5	1011.2	1012.0	1012.2	1012.1	1011.4	1010.2	1009.2
17	1009.4	1009.1	1008.7	1008.6	1008.7	1008.9	1009.3	1010.1	1010.8	1011.4	1011.4	1010.8	1009.7	1008.7
18	1009.5	1009.7	1009.4	1008.9	1008.5	1008.9	1009.5	1010.2	1010.7	1011.3	1011.0	1010.2	1009.2	1007.9
19	1009.3	1008.7	1008.1	1007.8	1007.5	1007.7	1008.1	1008.3	1008.9	1009.2	1008.6	1008.0	1006.7	1005.5
20	1004.4	1004.5	1004.4	1004.5	1004.8	1005.1	1005.8	1006.3	1007.0	1007.7	1007.7	1007.0	1006.2	1005.2
21	1005.0	1004.8	1004.2	1004.2	1004.2	1004.7	1005.2	1005.5	1005.8	1006.1	1006.0	1005.4	1004.0	1003.0
22	1001.6	1001.8	1001.7	1001.5	1001.0	1000.9	1001.3	1002.0	1002.3	1002.8	1002.5	1001.5	1000.1	999.0
23	1001.7	1001.5	1001.1	1001.1	1001.6	1002.2	1002.8	1003.2	1003.6	1004.2	1004.0	1003.4	1002.3	1001.5
24	1002.0	1002.3	1002.0	1001.8	1002.2	1001.9	1002.1	1002.7	1002.9	1003.6	1004.0	1003.3	1002.2	1001.3
25	1002.9	1002.5	1001.3	1001.2	1000.9	1001.1	1002.1	1002.6	1002.9	1003.0	1003.4	1002.5	1001.0	1000.2
26	1001.3	1000.8	1000.6	1000.4	1000.4	1000.2	1001.0	1001.6	1002.1	1002.4	1002.4	1001.4	1000.4	999.4
27	1002.9	1003.5	1004.2	1004.7	1005.6	1006.2	1006.9	1007.7	1008.9	1009.6	1009.7	1009.0	1008.6	1007.5
28	1010.7	1010.7	1010.4	1010.3	1010.2	1010.7	1011.3	1011.9	1012.6	1013.2	1013.1	1012.6	1011.3	1010.5
29	1011.1	1010.9	1010.3	1010.4	1010.2	1010.6	1011.1	1011.8	1012.3	1012.5	1012.3	1011.5	1010.4	1009.4
30	1009.6	1009.9	1009.3	1009.1	1008.6	1009.1	1009.7	1010.3	1010.9	1011.5	1011.3	1010.5	1009.6	1008.5
31	1007.9	1007.6	1007.1	1006.9	1006.7	1006.9	1007.1	1007.8	1008.5	1009.1	1008.8	1008.1	1006.9	1006.0

站高氣壓 (百帕斯卡)

**PRESSÃO ATMOSFÉRICA ( hPa )**

**ATMOSPHERIC PRESSURE ( hPa )**

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	1008.8	1008.7	1008.9	1009.2	1009.8	1010.1	1010.5	1011.0	1011.5	1011.3	1009.7	1011.6	1008.1
2	1008.6	1008.3	1008.4	1008.7	1009.4	1010.1	1010.4	1011.2	1011.6	1011.9	1009.9	1012.1	1008.1
3	1008.6	1008.6	1009.0	1009.4	1009.9	1010.6	1010.9	1011.0	1011.0	1011.1	1011.1	1013.5	1008.3
4	1009.9	1010.1	1010.3	1010.5	1010.8	1011.3	1011.7	1011.9	1012.3	1012.3	1011.4	1013.3	1009.8
5	1011.2	1011.0	1011.5	1012.6	1012.7	1013.3	1013.9	1013.6	1013.2	1012.2	1013.0	1015.7	1010.8
6	1008.5	1008.5	1008.6	1009.1	1009.7	1009.2	1009.0	1009.7	1009.2	1009.3	1009.3	1012.5	1007.8
7	1008.0	1008.6	1009.2	1010.0	1010.3	1011.1	1011.7	1011.5	1011.5	1011.0	1010.1	1012.2	1008.0
8	1008.3	1007.9	1008.2	1008.6	1008.9	1009.2	1009.4	1009.5	1010.0	1009.8	1010.4	1012.9	1007.9
9	1006.5	1006.3	1006.4	1006.9	1007.3	1008.0	1008.4	1008.7	1008.7	1008.7	1008.6	1010.6	1006.3
10	1005.8	1005.5	1006.1	1006.6	1007.2	1007.7	1008.0	1008.3	1008.3	1008.6	1007.9	1009.8	1005.5
11	1007.6	1007.5	1007.9	1008.4	1008.9	1009.7	1010.0	1010.0	1009.9	1009.6	1009.4	1011.5	1007.4
12	1007.6	1007.4	1007.5	1007.9	1008.3	1008.7	1008.9	1008.8	1008.8	1008.4	1009.2	1011.8	1007.3
13	1005.0	1004.9	1005.3	1005.6	1006.2	1006.9	1007.3	1007.5	1007.3	1007.1	1007.2	1009.3	1004.8
14	1006.7	1007.0	1007.2	1007.7	1008.2	1008.6	1009.0	1009.3	1009.4	1009.7	1008.2	1009.8	1006.7
15	1009.9	1009.7	1009.7	1009.7	1009.9	1010.7	1011.0	1011.2	1011.2	1011.2	1010.5	1012.7	1008.9
16	1008.6	1008.4	1008.5	1009.0	1009.2	1009.3	1009.6	1009.5	1009.5	1009.4	1010.1	1012.4	1008.3
17	1008.1	1008.1	1008.2	1008.5	1008.5	1008.9	1009.1	1009.5	1009.5	1009.3	1009.3	1011.5	1007.9
18	1007.6	1007.6	1008.0	1008.6	1009.1	1009.5	1009.6	1009.7	1009.7	1009.6	1009.3	1011.4	1007.4
19	1004.8	1004.2	1004.0	1004.4	1004.5	1004.8	1005.2	1005.0	1004.6	1004.5	1006.6	1009.5	1003.9
20	1004.6	1003.9	1004.1	1004.2	1004.6	1005.2	1005.6	1005.6	1005.4	1004.9	1005.4	1007.7	1003.8
21	1002.3	1001.8	1001.6	1001.6	1001.4	1002.0	1002.2	1002.4	1002.4	1002.0	1003.6	1006.3	1001.4
22	998.2	998.4	998.7	999.2	1000.0	1000.6	1001.1	1001.5	1001.7	1001.7	1000.9	1002.9	998.1
23	1000.8	1000.7	1001.0	1001.1	1001.9	1002.6	1002.6	1002.8	1002.6	1002.3	1002.2	1004.4	1000.6
24	1000.8	1000.6	1001.1	1002.0	1002.9	1002.1	1002.5	1002.3	1002.7	1002.7	1002.2	1004.2	1000.4
25	999.4	999.1	999.5	1000.0	1000.2	1000.3	1001.0	1001.3	1001.3	1001.2	1001.3	1003.4	999.0
26	998.7	998.6	999.2	999.5	1000.0	1000.7	1001.4	1002.1	1002.3	1002.5	1000.8	1002.6	998.5
27	1006.9	1006.5	1006.8	1007.4	1008.0	1008.6	1009.3	1009.2	1009.6	1010.3	1007.4	1010.4	1002.6
28	1009.7	1009.4	1009.5	1009.9	1009.9	1010.5	1010.9	1011.1	1011.0	1011.0	1010.9	1013.4	1009.3
29	1008.7	1009.0	1009.0	1008.9	1008.9	1009.6	1009.9	1009.9	1010.2	1010.0	1010.4	1012.5	1008.6
30	1007.8	1007.2	1007.2	1007.5	1007.4	1007.8	1008.3	1008.4	1008.2	1008.0	1009.0	1011.6	1007.0
31	1005.3	1005.1	1005.0	1005.3	1005.6	1006.0	1006.5	1006.3	1006.1	1006.3	1006.8	1009.2	1004.9
平均 MÉD											1007.8	1010.1	1005.7
全月 MÉS												1015.7	998.1

海平面氣壓 (百帕斯卡)

PRESSÃO ATMOSFÉRICA AO NÍVEL MÉDIA DO MAR ( hPa )

ATMOSPHERIC PRESSURE AT MEAN SEA LEVEL ( hPa )

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	1022.5	1022.4	1022.1	1022.3	1022.5	1022.4	1023.1	1024.3	1025.1	1025.5	1025.1	1024.3	1023.4	1023.1
2	1025.0	1024.8	1023.9	1023.6	1023.0	1022.0	1022.9	1024.1	1024.9	1025.6	1024.8	1023.2	1023.1	1022.8
3	1026.1	1026.1	1026.0	1025.9	1025.7	1026.0	1026.4	1026.8	1027.3	1027.1	1026.2	1025.7	1024.1	1023.1
4	1025.5	1025.2	1025.0	1025.2	1025.3	1025.2	1025.6	1026.6	1026.9	1027.3	1026.8	1025.9	1024.6	1023.9
5	1026.2	1026.3	1026.3	1026.1	1026.6	1026.9	1027.6	1028.6	1028.6	1029.5	1028.9	1028.1	1026.7	1025.4
6	1025.7	1024.8	1023.9	1023.5	1023.2	1022.6	1023.3	1023.5	1023.4	1023.9	1023.9	1022.4	1023.1	1022.2
7	1023.6	1023.8	1023.3	1023.4	1023.6	1023.9	1024.6	1025.3	1025.5	1026.0	1025.8	1024.3	1022.9	1022.4
8	1025.2	1025.3	1025.1	1025.6	1025.5	1025.9	1026.3	1026.7	1026.9	1027.1	1026.7	1025.9	1024.2	1023.1
9	1023.9	1023.3	1023.1	1023.0	1022.9	1023.5	1024.0	1024.2	1024.5	1024.3	1023.8	1023.0	1021.5	1020.6
10	1022.8	1022.3	1021.9	1021.9	1021.9	1022.3	1022.7	1023.1	1023.4	1023.8	1023.7	1022.6	1021.2	1020.1
11	1022.7	1022.8	1022.9	1023.2	1023.2	1023.6	1023.9	1024.4	1025.0	1025.4	1025.2	1024.3	1023.2	1022.1
12	1023.7	1023.3	1023.1	1022.8	1022.8	1023.1	1023.9	1024.6	1025.2	1025.7	1025.2	1024.5	1023.1	1022.1
13	1022.1	1021.9	1021.7	1021.3	1021.1	1021.4	1021.8	1022.4	1022.8	1023.1	1022.6	1021.7	1020.4	1019.2
14	1021.1	1021.0	1021.1	1021.3	1021.3	1021.7	1022.7	1023.1	1023.4	1023.3	1023.3	1022.4	1021.4	1020.4
15	1023.6	1023.2	1023.1	1023.2	1022.8	1023.6	1024.2	1025.2	1025.8	1026.3	1026.0	1025.2	1024.6	1024.0
16	1025.1	1024.8	1024.3	1023.9	1023.7	1024.0	1024.4	1025.1	1025.9	1026.0	1025.9	1025.1	1023.9	1022.9
17	1023.2	1022.9	1022.6	1022.5	1022.6	1022.8	1023.2	1024.0	1024.6	1025.1	1025.0	1024.4	1023.2	1022.1
18	1023.2	1023.4	1023.1	1022.6	1022.2	1022.7	1023.3	1024.0	1024.4	1025.0	1024.6	1023.7	1022.7	1021.4
19	1023.1	1022.5	1021.9	1021.6	1021.3	1021.5	1021.9	1022.1	1022.7	1022.9	1022.2	1021.5	1020.1	1018.9
20	1018.0	1018.2	1018.1	1018.2	1018.5	1018.8	1019.6	1020.1	1020.7	1021.4	1021.3	1020.5	1019.7	1018.7
21	1018.7	1018.5	1018.0	1018.0	1018.0	1018.5	1019.0	1019.3	1019.6	1019.8	1019.7	1019.0	1017.6	1016.6
22	1015.3	1015.5	1015.4	1015.3	1014.8	1014.7	1015.1	1015.8	1016.0	1016.4	1016.0	1014.9	1013.4	1012.4
23	1015.3	1015.1	1014.7	1014.7	1015.2	1015.8	1016.5	1016.9	1017.3	1017.9	1017.7	1017.0	1015.9	1015.1
24	1015.7	1016.0	1015.7	1015.5	1015.9	1015.6	1015.8	1016.4	1016.6	1017.2	1017.6	1017.0	1015.8	1014.9
25	1016.6	1016.1	1014.9	1014.8	1014.5	1014.7	1015.7	1016.2	1016.5	1016.6	1017.0	1016.1	1014.5	1013.7
26	1014.9	1014.4	1014.2	1014.0	1014.0	1013.8	1014.6	1015.2	1015.7	1016.0	1015.9	1014.9	1013.8	1012.8
27	1016.4	1017.2	1018.0	1018.5	1019.5	1020.1	1020.9	1021.7	1022.9	1023.6	1023.6	1022.9	1022.4	1021.3
28	1024.8	1024.8	1024.5	1024.4	1024.3	1024.8	1025.4	1026.0	1026.7	1027.3	1027.1	1026.5	1025.1	1024.3
29	1025.1	1024.9	1024.3	1024.4	1024.2	1024.6	1025.1	1025.8	1026.3	1026.3	1026.0	1025.2	1024.0	1023.0
30	1023.4	1023.7	1023.1	1023.0	1022.4	1023.0	1023.6	1024.2	1024.8	1025.4	1025.1	1024.3	1023.4	1022.3
31	1021.6	1021.3	1020.8	1020.6	1020.4	1020.6	1020.8	1021.6	1022.3	1022.9	1022.5	1021.7	1020.4	1019.4

## 海平面氣壓(百帕斯卡)

## PRESSÃO ATMOSFÉRICA AO NÍVEL MÉDIA DO MAR ( hPa )

## ATMOSPHERIC PRESSURE AT MEAN SEA LEVEL ( hPa )

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	1022.7	1022.6	1022.8	1023.1	1023.8	1024.1	1024.5	1025.0	1025.5	1025.3	1023.6	1025.5	1022.1
2	1022.3	1022.0	1022.1	1022.5	1023.2	1023.9	1024.3	1025.1	1025.5	1025.8	1023.8	1025.8	1022.0
3	1022.4	1022.4	1022.8	1023.3	1023.8	1024.5	1024.8	1025.0	1025.0	1025.1	1025.1	1027.3	1022.4
4	1023.6	1023.8	1024.1	1024.3	1024.7	1025.2	1025.6	1025.8	1026.2	1026.2	1025.4	1027.3	1023.6
5	1025.0	1024.8	1025.4	1026.5	1026.7	1027.3	1027.9	1027.5	1027.2	1026.2	1026.9	1029.5	1024.8
6	1022.8	1022.8	1022.9	1023.4	1023.9	1023.4	1023.2	1023.9	1023.4	1023.5	1023.4	1025.7	1022.2
7	1022.0	1022.6	1023.2	1024.1	1024.4	1025.3	1025.9	1025.7	1025.7	1025.2	1024.3	1026.0	1022.0
8	1022.2	1021.8	1022.1	1022.6	1022.9	1023.2	1023.4	1023.6	1024.1	1023.9	1024.6	1027.1	1021.8
9	1020.2	1020.0	1020.1	1020.7	1021.1	1021.9	1022.3	1022.6	1022.6	1022.6	1022.5	1024.5	1020.0
10	1019.5	1019.2	1019.8	1020.4	1021.1	1021.6	1021.9	1022.2	1022.3	1022.6	1021.8	1023.8	1019.2
11	1021.3	1021.2	1021.7	1022.2	1022.8	1023.6	1023.9	1024.0	1023.9	1023.6	1023.3	1025.4	1021.2
12	1021.2	1021.0	1021.2	1021.7	1022.1	1022.6	1022.8	1022.7	1022.7	1022.3	1023.0	1025.7	1021.0
13	1018.5	1018.4	1018.9	1019.3	1020.0	1020.7	1021.1	1021.3	1021.1	1020.9	1021.0	1023.1	1018.4
14	1020.2	1020.5	1020.8	1021.4	1021.9	1022.3	1022.8	1023.1	1023.2	1023.5	1022.0	1023.5	1020.2
15	1023.6	1023.4	1023.5	1023.5	1023.7	1024.6	1024.9	1025.1	1025.1	1025.1	1024.3	1026.3	1022.8
16	1022.3	1022.1	1022.2	1022.8	1023.0	1023.1	1023.4	1023.3	1023.3	1023.2	1023.9	1026.0	1022.1
17	1021.5	1021.6	1021.7	1022.1	1022.2	1022.6	1022.8	1023.2	1023.3	1023.1	1023.0	1025.1	1021.5
18	1021.2	1021.2	1021.6	1022.3	1022.8	1023.2	1023.3	1023.5	1023.5	1023.4	1023.0	1025.0	1021.2
19	1018.1	1017.5	1017.3	1017.8	1018.0	1018.3	1018.7	1018.6	1018.2	1018.1	1020.2	1023.1	1017.3
20	1018.1	1017.5	1017.7	1017.9	1018.3	1018.9	1019.3	1019.3	1019.1	1018.6	1019.0	1021.4	1017.5
21	1015.9	1015.4	1015.2	1015.3	1015.1	1015.7	1015.9	1016.1	1016.1	1015.7	1017.4	1019.8	1015.1
22	1011.6	1011.8	1012.2	1012.7	1013.6	1014.2	1014.7	1015.1	1015.3	1015.3	1014.5	1016.4	1011.6
23	1014.3	1014.3	1014.6	1014.7	1015.6	1016.2	1016.3	1016.5	1016.3	1016.0	1015.8	1017.9	1014.3
24	1014.4	1014.2	1014.8	1015.7	1016.6	1015.8	1016.2	1016.0	1016.4	1016.4	1015.9	1017.6	1014.2
25	1012.9	1012.6	1013.1	1013.6	1013.8	1013.9	1014.6	1014.9	1014.9	1014.8	1014.9	1017.0	1012.6
26	1012.1	1012.0	1012.6	1012.9	1013.5	1014.2	1014.9	1015.6	1015.8	1016.0	1014.3	1016.0	1012.0
27	1020.7	1020.3	1020.6	1021.2	1021.9	1022.5	1023.2	1023.2	1023.6	1024.4	1021.3	1024.4	1016.4
28	1023.4	1023.1	1023.3	1023.7	1023.8	1024.4	1024.8	1025.0	1024.9	1024.9	1024.9	1027.3	1023.1
29	1022.3	1022.6	1022.7	1022.7	1022.7	1023.5	1023.8	1023.8	1024.1	1023.9	1024.2	1026.3	1022.3
30	1021.6	1021.0	1021.0	1021.3	1021.2	1021.6	1022.1	1022.2	1022.0	1021.7	1022.8	1025.4	1021.0
31	1018.7	1018.5	1018.5	1018.9	1019.2	1019.7	1020.2	1020.0	1019.8	1020.0	1020.4	1022.9	1018.5
平均 MÉD											1021.6	1023.8	1019.5
全月 MÉS												1029.5	1011.6

氣溫 (°C)

TEMPERATURA DO AR (°C)

AIR TEMPERATURE (°C)

	<b>1h</b>	<b>2h</b>	<b>3h</b>	<b>4h</b>	<b>5h</b>	<b>6h</b>	<b>7h</b>	<b>8h</b>	<b>9h</b>	<b>10h</b>	<b>11h</b>	<b>12h</b>	<b>13h</b>	<b>14h</b>
<b>1</b>	13.3	13.4	13.1	12.6	12.3	12.2	12.3	12.4	12.5	12.6	12.5	12.7	12.8	13.4
<b>2</b>	13.3	13.3	13.3	13.5	14.5	14.9	15.1	15.5	15.6	14.8	15.0	15.6	16.6	16.9
<b>3</b>	12.4	11.8	11.2	11.1	10.9	10.7	10.2	10.3	10.7	10.9	12.1	13.6	14.6	15.9
<b>4</b>	11.5	10.9	10.3	10.1	9.8	9.5	9.5	9.7	11.0	11.9	13.3	14.8	16.0	16.8
<b>5</b>	14.6	14.4	14.1	13.8	13.7	13.7	13.3	12.4	12.5	13.0	13.9	14.6	15.4	15.8
<b>6</b>	13.4	13.2	13.2	12.9	12.4	11.8	11.3	10.8	10.7	10.7	9.4	8.8	8.0	7.1
<b>7</b>	6.3	6.3	6.5	6.6	6.5	6.8	6.4	6.6	8.1	8.9	8.9	10.8	11.6	12.1
<b>8</b>	7.7	7.3	6.8	6.8	6.5	6.5	6.3	6.7	8.0	9.5	11.1	12.8	13.5	14.4
<b>9</b>	10.3	10.3	10.4	10.2	9.8	9.5	9.0	9.4	11.5	13.6	14.6	15.6	16.9	18.0
<b>10</b>	12.6	12.0	11.3	10.7	10.6	10.2	10.0	10.2	11.7	13.0	14.8	15.2	16.4	17.0
<b>11</b>	12.6	12.0	11.4	10.9	10.5	10.2	9.9	10.0	11.1	12.2	13.4	14.7	16.1	17.0
<b>12</b>	12.1	12.1	12.0	11.8	11.4	11.0	10.6	10.8	12.4	14.2	15.2	17.1	18.3	18.9
<b>13</b>	13.6	13.1	12.5	12.0	11.7	11.2	11.0	11.0	13.3	15.4	17.0	18.6	19.9	20.6
<b>14</b>	15.1	14.9	14.2	13.9	13.4	13.1	12.7	12.6	14.3	16.1	18.3	20.0	21.3	21.8
<b>15</b>	15.5	15.2	15.0	14.5	14.5	13.9	13.4	13.3	15.1	17.0	18.9	20.3	20.3	19.5
<b>16</b>	14.7	14.6	14.5	14.1	14.3	14.2	14.1	14.3	15.2	16.2	17.8	18.1	17.9	18.2
<b>17</b>	15.2	15.1	14.5	14.2	14.0	13.8	13.6	13.9	15.7	17.9	20.1	21.8	23.4	24.0
<b>18</b>	17.4	17.4	17.4	17.1	16.9	16.7	16.8	16.9	17.9	19.2	21.1	23.3	22.2	21.8
<b>19</b>	16.4	16.7	16.0	15.6	15.3	14.8	14.8	15.0	16.3	18.0	19.9	22.1	23.0	23.7
<b>20</b>	17.9	17.8	17.2	16.6	16.2	16.0	15.8	16.0	17.0	18.3	19.5	21.1	20.7	20.7
<b>21</b>	16.3	16.0	15.6	15.3	15.3	15.3	15.2	15.3	16.0	17.2	17.7	18.3	18.8	19.0
<b>22</b>	15.6	15.2	15.1	14.7	14.5	14.1	14.1	14.4	16.4	19.0	21.4	22.7	23.4	22.2
<b>23</b>	18.5	18.4	18.1	17.8	17.6	17.5	17.0	16.2	16.0	16.6	17.6	17.8	18.2	18.3
<b>24</b>	16.8	16.7	16.6	16.0	16.0	15.6	15.6	15.7	16.8	18.0	18.0	17.4	18.1	18.4
<b>25</b>	17.3	17.3	17.2	17.3	17.2	17.7	18.1	18.3	18.0	18.4	19.5	18.7	19.6	19.9
<b>26</b>	17.8	17.8	17.8	17.7	17.5	17.3	17.4	17.6	18.0	18.5	19.6	20.4	21.6	21.7
<b>27</b>	19.7	16.8	15.5	14.0	13.3	12.6	12.1	11.8	12.2	12.7	14.3	14.8	15.4	16.2
<b>28</b>	10.8	10.5	10.3	10.2	10.2	10.2	10.1	10.1	10.5	11.7	13.1	14.8	16.1	17.3
<b>29</b>	11.5	11.9	11.9	12.0	11.9	11.5	11.8	12.1	13.7	16.6	18.4	19.5	20.2	20.6
<b>30</b>	15.4	15.3	15.1	15.0	14.9	14.7	14.8	14.9	15.3	15.6	15.8	16.1	16.3	16.5
<b>31</b>	17.3	17.3	17.2	17.3	17.3	17.5	17.1	16.6	16.7	17.0	18.3	19.9	22.2	23.7

氣溫 (°C)

TEMPERATURA DO AR (°C)

AIR TEMPERATURE (°C)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	13.9	13.8	13.6	13.1	12.9	12.7	12.9	13.0	13.0	13.1	12.9	13.9	12.1
2	17.0	17.3	17.1	16.5	16.4	16.2	15.3	15.0	14.7	13.9	15.3	17.3	13.1
3	16.5	16.6	16.1	15.0	14.5	14.1	13.4	13.0	12.5	12.1	12.9	16.7	10.2
4	17.6	18.0	16.7	15.9	15.4	15.5	15.5	15.3	15.0	14.9	13.5	18.1	9.4
5	15.9	16.3	15.0	14.3	13.7	13.4	14.0	14.5	13.9	13.3	14.1	16.6	12.2
6	6.8	6.3	6.4	6.7	7.2	7.9	8.4	8.2	7.9	7.2	9.4	13.4	6.3
7	12.3	12.0	11.0	10.1	9.7	9.1	8.6	8.5	8.8	8.3	8.8	12.4	6.2
8	14.7	14.5	13.9	12.7	12.5	12.1	11.1	10.7	10.4	10.3	10.3	14.9	6.3
9	18.0	18.0	17.5	15.9	14.5	13.6	13.2	13.2	13.2	13.3	13.3	18.3	8.9
10	17.4	17.2	16.4	14.7	13.8	13.5	13.0	12.7	12.5	12.6	13.3	17.5	10.0
11	17.4	17.3	16.4	14.9	14.1	13.6	13.5	13.0	12.7	12.5	13.2	17.5	9.8
12	19.1	18.8	17.4	15.8	14.8	14.8	14.5	14.4	14.2	14.0	14.4	19.3	10.6
13	20.9	20.8	19.1	17.1	16.0	15.9	15.4	15.4	15.6	15.3	15.5	21.2	11.0
14	22.7	21.2	19.0	17.3	16.9	17.0	16.9	16.7	16.8	16.3	16.8	22.7	12.4
15	19.1	18.2	17.1	15.8	15.3	15.2	15.0	14.9	14.7	14.8	16.1	20.5	13.2
16	18.7	18.3	17.5	15.9	15.4	15.3	15.3	15.4	15.3	15.2	15.8	19.2	14.1
17	24.8	22.9	21.6	19.4	18.4	17.9	17.9	17.8	17.0	16.9	18.0	24.8	13.5
18	20.8	20.3	18.9	17.7	17.5	17.4	17.3	17.1	17.2	17.0	18.5	23.3	16.5
19	24.9	24.9	24.8	23.1	21.7	21.4	20.3	19.5	19.1	18.7	19.4	25.1	14.7
20	20.3	19.7	18.5	17.5	17.1	16.8	17.4	17.6	17.6	17.2	17.9	21.6	15.6
21	19.1	18.2	17.1	16.3	16.1	16.3	16.3	16.1	16.3	16.3	16.6	19.2	15.1
22	21.9	20.6	19.6	18.6	17.9	18.0	18.3	18.2	18.3	18.2	18.0	23.4	13.9
23	18.9	18.7	18.3	17.4	16.9	17.7	16.7	16.7	16.9	17.0	17.5	19.0	16.0
24	18.2	17.6	16.9	16.9	17.4	16.6	16.6	16.6	16.8	17.1	16.9	18.6	15.6
25	19.1	18.8	18.5	18.2	18.2	18.0	18.1	18.1	17.8	17.7	18.2	20.0	17.1
26	22.3	22.3	21.4	20.7	19.8	19.5	19.5	19.3	19.5	19.6	19.4	22.5	17.3
27	16.2	16.1	15.6	14.6	13.8	13.5	13.2	12.3	11.8	11.1	14.2	19.7	11.1
28	18.1	17.8	17.1	15.6	14.7	14.4	14.0	13.6	13.6	13.5	13.3	18.5	9.8
29	21.0	20.2	17.9	16.7	15.0	14.5	14.7	14.7	14.7	15.2	15.3	21.3	11.5
30	16.2	16.2	16.1	16.0	16.1	16.3	16.6	16.5	16.5	16.8	15.8	17.0	14.7
31	23.7	22.4	20.9	19.1	18.2	17.8	17.8	17.4	17.2	17.4	18.6	24.3	16.5
平均 MÉD											15.3	19.3	12.4
全月 MÉS												25.1	6.2

**露點 ( °C )****PONTO DE ORVALHO ( °C )****DEW POINT ( °C )**

	<b>1h</b>	<b>2h</b>	<b>3h</b>	<b>4h</b>	<b>5h</b>	<b>6h</b>	<b>7h</b>	<b>8h</b>	<b>9h</b>	<b>10h</b>	<b>11h</b>	<b>12h</b>	<b>13h</b>	<b>14h</b>
<b>1</b>	9.9	9.7	10.2	9.9	10.0	9.7	9.8	9.4	9.1	9.1	9.2	9.2	9.2	9.7
<b>2</b>	11.1	11.1	11.2	11.6	12.6	12.9	13.1	13.1	12.9	12.3	12.3	12.6	12.8	12.9
<b>3</b>	10.0	10.5	10.3	9.9	9.8	9.6	9.2	8.7	8.8	8.4	7.6	8.2	7.9	7.2
<b>4</b>	6.0	5.9	5.7	5.1	5.4	5.4	5.7	5.1	5.7	6.5	7.1	7.7	8.1	8.2
<b>5</b>	8.4	7.7	7.6	7.3	7.5	6.9	6.5	6.5	6.0	6.3	6.7	6.4	6.2	6.2
<b>6</b>	8.1	7.7	8.6	8.1	6.8	6.3	5.9	5.6	5.3	6.2	6.5	6.2	6.0	5.9
<b>7</b>	5.5	5.5	5.4	5.1	4.9	4.9	4.3	4.6	4.7	4.9	5.3	6.1	6.4	6.1
<b>8</b>	4.7	4.8	4.6	4.3	4.1	4.0	3.9	4.2	4.7	5.4	6.3	6.8	6.9	7.6
<b>9</b>	6.9	6.8	6.4	6.9	6.9	6.5	6.2	6.3	6.7	7.7	8.4	9.3	9.8	10.5
<b>10</b>	6.6	6.9	6.5	6.5	6.0	5.9	5.7	5.8	6.4	7.1	7.5	7.4	8.2	8.5
<b>11</b>	6.4	6.0	6.2	4.5	4.2	3.8	4.0	4.3	4.3	4.8	4.4	5.5	6.3	7.3
<b>12</b>	1.6	3.3	4.6	5.2	4.6	4.2	3.2	2.2	3.0	3.7	4.7	5.8	5.1	6.1
<b>13</b>	9.9	9.7	9.5	8.4	8.0	8.1	5.8	4.5	6.2	7.3	9.4	9.4	9.9	7.9
<b>14</b>	9.9	7.6	7.2	8.0	8.0	7.3	8.6	7.8	8.3	9.3	10.4	9.8	8.3	7.9
<b>15</b>	8.7	8.8	8.1	8.7	7.6	9.3	9.6	10.0	10.5	11.3	10.6	10.6	10.1	10.0
<b>16</b>	12.0	12.2	12.6	11.8	11.6	12.2	11.4	11.7	11.9	13.4	13.4	12.7	12.1	12.2
<b>17</b>	11.9	11.1	11.9	11.7	11.8	11.3	11.5	12.0	12.4	13.4	13.8	13.5	13.4	12.9
<b>18</b>	10.6	9.7	8.4	8.7	8.7	8.2	8.1	8.7	9.2	10.4	11.7	11.0	12.0	14.1
<b>19</b>	13.0	13.2	13.3	13.6	13.1	12.6	12.7	12.8	13.9	13.9	14.1	14.8	14.3	13.4
<b>20</b>	9.8	10.9	11.4	11.0	11.4	11.6	11.7	11.9	13.2	13.2	15.1	14.2	14.6	14.2
<b>21</b>	13.2	14.3	13.5	12.8	11.8	11.7	12.0	11.8	12.2	12.8	12.7	12.4	13.4	13.7
<b>22</b>	12.6	13.0	12.4	11.7	11.7	10.8	11.3	11.4	10.7	12.7	13.0	12.9	12.9	13.2
<b>23</b>	15.3	15.3	15.0	14.5	13.2	12.6	12.7	11.7	10.7	11.1	10.3	9.2	9.8	8.0
<b>24</b>	13.9	14.3	14.1	13.9	13.6	13.1	13.1	13.0	13.3	13.7	13.6	13.8	13.9	14.1
<b>25</b>	15.4	15.5	15.5	15.7	15.7	16.2	16.5	16.6	16.8	17.0	16.9	16.8	17.1	17.0
<b>26</b>	17.2	17.3	17.3	17.3	17.1	16.9	17.0	17.3	17.6	17.8	18.4	18.6	19.3	18.8
<b>27</b>	19.2	14.7	12.2	10.6	9.6	8.6	8.0	7.8	7.0	7.1	7.5	6.7	6.3	7.3
<b>28</b>	3.9	3.4	3.6	3.4	3.3	3.3	2.9	2.4	3.4	3.4	2.7	2.8	2.7	3.3
<b>29</b>	2.3	4.2	5.9	7.3	6.9	6.1	6.8	7.3	7.2	8.1	9.0	9.1	8.4	8.2
<b>30</b>	11.5	11.7	11.5	10.8	10.8	9.2	9.3	9.7	10.3	11.0	11.8	12.1	12.3	12.7
<b>31</b>	14.6	14.6	14.5	14.7	14.7	14.8	14.7	14.8	14.8	14.9	15.5	15.5	16.0	16.0

露點 (°C)

PONTO DE ORVALHO (°C)

DEW POINT (°C)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	9.9	9.9	10.1	9.8	9.6	9.7	9.9	10.0	10.1	10.4	9.7	10.4	9.1
2	12.6	12.6	12.5	12.4	12.2	11.8	11.2	10.7	10.6	10.2	12.0	13.1	10.2
3	5.7	6.7	6.4	5.3	5.6	6.7	6.6	6.0	6.4	6.1	7.8	10.5	5.3
4	7.9	7.9	7.7	7.2	7.6	7.5	7.2	8.4	8.1	8.1	6.9	8.4	5.1
5	6.4	7.1	7.0	6.5	5.6	6.2	8.8	9.7	9.0	8.2	7.1	9.7	5.6
6	4.9	4.0	5.1	6.1	6.7	7.5	8.0	7.7	7.0	6.3	6.5	8.6	4.0
7	5.8	5.9	5.2	4.6	4.5	4.2	4.0	4.2	5.2	5.1	5.1	6.4	4.0
8	7.7	7.1	7.2	7.5	7.3	7.3	7.1	7.1	6.8	6.7	6.0	7.7	3.9
9	10.6	10.8	10.4	8.7	8.8	8.3	7.6	7.5	7.3	6.9	8.0	10.8	6.2
10	8.4	8.2	8.4	6.9	7.0	6.5	5.7	5.5	5.4	5.7	6.8	8.5	5.4
11	7.6	7.2	6.6	6.2	4.3	3.4	2.9	2.7	1.9	1.8	4.8	7.6	1.8
12	6.4	5.7	2.6	3.0	3.9	8.9	9.7	9.8	9.4	9.0	5.2	9.8	1.6
13	6.9	4.3	6.9	8.5	10.3	11.0	11.3	11.2	9.8	8.9	8.5	11.3	4.3
14	7.7	6.6	10.4	9.6	7.9	5.6	6.6	6.4	8.9	7.4	8.1	10.4	5.6
15	10.2	10.1	10.8	11.8	12.2	12.2	12.2	12.2	11.8	11.9	10.4	12.2	7.6
16	11.4	11.0	11.1	11.2	12.3	12.7	12.8	12.8	12.5	12.2	12.1	13.4	11.0
17	10.9	10.4	10.4	11.6	11.8	10.5	10.0	8.8	9.4	9.7	11.5	13.8	8.8
18	13.5	14.2	14.8	14.7	14.8	14.6	14.5	14.2	13.8	13.6	11.8	14.8	8.1
19	11.4	10.7	7.9	8.7	7.9	7.7	7.2	8.8	8.6	7.8	11.5	14.8	7.2
20	14.0	15.0	15.0	14.8	14.2	14.2	13.6	13.7	13.9	13.0	13.2	15.1	9.8
21	13.5	13.6	13.5	13.6	13.3	11.8	11.7	11.6	12.3	11.9	12.7	14.3	11.6
22	13.7	14.6	13.9	13.6	13.4	13.8	14.0	14.5	14.4	15.0	13.0	15.0	10.7
23	7.8	8.1	9.2	8.1	11.3	10.7	12.2	12.8	13.8	13.3	11.5	15.3	7.8
24	14.2	14.0	14.1	14.3	14.7	14.7	14.6	14.7	14.8	15.2	14.0	15.2	13.0
25	16.8	16.9	16.9	16.9	17.1	17.1	17.3	17.3	17.0	17.0	16.6	17.3	15.4
26	18.9	19.0	19.4	19.2	19.1	19.1	19.1	18.9	19.2	19.2	18.3	19.4	16.9
27	6.9	6.8	6.3	5.9	5.9	6.5	5.9	5.3	5.1	3.4	7.9	19.2	3.4
28	2.2	2.1	1.5	2.2	2.8	2.9	2.1	2.0	2.0	1.8	2.8	3.9	1.5
29	8.3	8.5	9.6	10.1	10.3	9.6	9.3	8.1	8.8	10.5	7.9	10.5	2.3
30	12.6	12.9	13.1	13.1	13.5	14.1	14.1	14.5	14.4	14.3	12.1	14.5	9.2
31	15.6	15.2	15.0	14.7	14.4	14.5	14.7	15.0	15.5	15.6	15.0	16.0	14.4
平均 MÉD											9.8	12.2	7.4
全月 MÉS												19.4	1.5

相對濕度 (%)

HUMIDADE RELATIVA (%)

RELATIVE HUMIDITY (%)

	<b>1h</b>	<b>2h</b>	<b>3h</b>	<b>4h</b>	<b>5h</b>	<b>6h</b>	<b>7h</b>	<b>8h</b>	<b>9h</b>	<b>10h</b>	<b>11h</b>	<b>12h</b>	<b>13h</b>	<b>14h</b>
<b>1</b>	80	78	83	83	86	85	84	82	80	79	81	79	79	78
<b>2</b>	86	86	87	88	89	88	88	86	84	85	84	82	78	77
<b>3</b>	85	91	94	92	93	93	93	90	88	85	74	70	64	56
<b>4</b>	69	71	73	71	74	76	77	73	70	69	66	62	59	57
<b>5</b>	66	64	65	65	66	63	63	67	65	64	62	58	54	53
<b>6</b>	70	69	73	73	69	69	69	70	69	74	83	84	87	92
<b>7</b>	95	95	93	90	89	87	86	87	80	76	78	73	71	67
<b>8</b>	81	84	86	84	84	84	84	84	80	75	72	67	64	64
<b>9</b>	79	79	76	80	82	82	83	81	72	67	66	66	63	62
<b>10</b>	67	71	72	75	73	74	74	74	70	67	62	59	58	57
<b>11</b>	66	67	70	65	65	64	67	68	63	61	54	54	52	53
<b>12</b>	48	55	60	64	63	63	60	55	52	49	49	48	42	43
<b>13</b>	78	80	82	79	78	81	70	64	62	58	61	55	52	44
<b>14</b>	71	61	63	67	69	68	76	73	67	64	60	52	43	41
<b>15</b>	64	65	63	68	63	74	78	80	74	69	58	54	52	54
<b>16</b>	84	85	88	86	84	87	84	84	81	83	75	71	69	68
<b>17</b>	81	77	85	85	86	85	87	89	81	75	67	59	53	50
<b>18</b>	64	61	55	58	59	57	57	58	57	57	55	46	53	61
<b>19</b>	80	80	84	88	87	86	87	87	85	77	69	63	58	52
<b>20</b>	59	64	69	69	73	75	77	77	78	72	75	64	68	66
<b>21</b>	82	89	88	85	79	79	81	80	78	75	72	68	71	71
<b>22</b>	82	87	84	82	83	80	83	82	69	67	59	54	52	57
<b>23</b>	81	82	83	81	75	73	76	74	71	70	62	57	58	51
<b>24</b>	83	86	85	87	86	85	85	84	80	76	75	79	76	76
<b>25</b>	89	89	90	90	91	91	91	90	93	92	85	89	85	83
<b>26</b>	96	97	97	97	98	98	98	98	98	96	93	90	86	84
<b>27</b>	97	87	81	80	79	76	76	76	71	69	64	58	55	56
<b>28</b>	62	61	63	62	62	62	61	59	61	57	49	44	40	39
<b>29</b>	53	59	67	73	72	69	71	72	65	57	54	51	47	45
<b>30</b>	78	79	79	76	76	69	70	71	72	74	77	77	77	78
<b>31</b>	84	84	84	85	85	84	86	89	89	88	83	75	68	62

相對濕度 ( % )

HUMIDADE RELATIVA ( % )

RELATIVE HUMIDITY ( % )

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	77	77	79	80	81	82	82	82	83	84	81	87	76
2	75	74	74	76	76	75	76	75	76	78	81	91	73
3	49	52	52	52	55	61	63	62	66	67	73	95	48
4	53	51	55	56	59	59	58	63	63	64	64	78	47
5	53	55	59	59	58	62	71	73	72	71	63	76	51
6	88	85	92	96	96	97	97	96	94	94	83	97	66
7	65	66	68	69	70	72	73	74	78	80	78	96	63
8	63	61	64	70	70	72	76	78	78	78	75	86	59
9	62	63	63	62	68	70	68	68	67	65	70	83	59
10	56	55	59	59	63	62	61	61	62	63	65	76	54
11	52	52	52	56	52	50	48	49	47	48	57	71	47
12	43	42	37	42	48	68	73	74	73	72	55	75	33
13	40	34	45	57	69	72	76	76	69	65	64	83	33
14	38	39	57	61	55	47	51	51	59	56	58	77	36
15	56	59	67	77	82	82	83	84	83	83	70	85	48
16	63	63	66	74	81	85	85	85	84	82	79	89	59
17	42	45	49	60	65	62	60	56	61	63	68	90	39
18	63	68	77	82	84	84	83	83	80	80	66	86	45
19	43	41	34	40	41	41	43	50	50	49	63	88	33
20	67	74	80	84	83	85	79	78	79	76	74	85	50
21	70	75	79	84	83	75	74	75	77	75	78	92	67
22	59	68	69	73	75	76	76	79	78	81	73	87	50
23	48	50	55	54	69	64	75	78	82	79	69	84	47
24	77	79	84	85	84	88	88	88	88	88	83	89	73
25	86	89	90	92	93	94	95	95	95	96	90	96	82
26	81	82	88	91	96	98	98	97	98	97	94	98	80
27	54	54	54	56	59	63	61	62	63	59	67	97	51
28	35	35	35	40	45	46	45	45	45	45	50	65	34
29	44	47	58	65	73	73	70	64	68	73	62	75	42
30	79	81	82	83	85	86	85	88	87	85	79	88	69
31	60	64	69	75	78	81	82	86	90	89	80	90	57
平均 MÉD											71	86	54
全月 MÉS												98	33

雨量 (毫米)

PRECIPITAÇÃO ( mm )

RAINFALL ( mm )

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	0.0	0.0	VST	VST	0.0	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	VST	0.6	0.4	VST	0.0	0.0	VST	0.0	VST	VST	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	VST	0.2	VST	VST	VST
7	0.2	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

雨量(毫米)

PRECIPITAÇÃO ( mm )

RAINFALL ( mm )

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	總數 TOTAL	時最高 MÁX 1h
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
2	0.0	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	VST	VST
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.6
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.2	VST	0.6	2.0	1.2	0.4	0.4	2.0	0.2	0.2	7.4	2.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	0.0	VST	VST
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
全月 MÊS											8.6	2.0

平均風速 ( km/h )

VENTO-VELOCIDADE MÉDIA ( km/h )

MEAN WIND SPEED ( km/h )

	<b>1h</b>	<b>2h</b>	<b>3h</b>	<b>4h</b>	<b>5h</b>	<b>6h</b>	<b>7h</b>	<b>8h</b>	<b>9h</b>	<b>10h</b>	<b>11h</b>	<b>12h</b>	<b>13h</b>
<b>1</b>	16	18	19	17	21	24	25	23	24	24	24	23	21
<b>2</b>	17	18	17	14	16	21	29	18	15	16	15	17	16
<b>3</b>	29	33	32	32	38	33	33	36	34	34	36	33	32
<b>4</b>	23	21	20	21	24	28	28	22	27	28	28	25	23
<b>5</b>	19	21	21	25	26	24	27	26	32	29	24	23	20
<b>6</b>	25	25	23	24	28	28	30	30	30	29	29	29	26
<b>7</b>	27	29	33	32	28	26	29	25	24	25	26	30	29
<b>8</b>	28	28	24	21	20	22	28	27	29	26	24	21	19
<b>9</b>	14	20	23	23	24	19	18	16	11	10	17	18	14
<b>10</b>	17	16	18	18	25	22	25	25	20	22	21	21	18
<b>11</b>	28	29	27	25	25	27	28	29	28	26	26	22	19
<b>12</b>	16	18	20	21	22	21	20	20	17	16	17	15	13
<b>13</b>	4	2	4	3	10	10	13	16	12	12	13	12	11
<b>14</b>	5	2	3	2	5	9	11	12	9	6	8	11	11
<b>15</b>	14	15	16	10	7	11	13	12	10	10	7	7	9
<b>16</b>	18	17	11	7	10	10	9	11	7	9	9	4	10
<b>17</b>	7	7	5	8	11	12	11	11	10	10	9	7	6
<b>18</b>	13	13	13	12	13	16	14	16	15	13	8	4	10
<b>19</b>	2	4	4	7	6	3	3	1	2	2	7	10	12
<b>20</b>	6	9	9	11	12	9	3	4	4	5	9	4	11
<b>21</b>	5	7	11	9	11	17	16	9	15	14	20	18	17
<b>22</b>	5	12	14	15	12	7	3	8	7	2	3	6	6
<b>23</b>	12	15	15	17	15	20	21	25	26	24	20	19	14
<b>24</b>	14	13	13	17	18	25	31	25	18	32	20	20	22
<b>25</b>	17	20	34	31	32	25	19	16	16	19	18	14	20
<b>26</b>	7	13	13	11	13	16	16	11	6	6	7	8	11
<b>27</b>	8	23	29	28	30	37	35	41	38	39	36	38	36
<b>28</b>	36	36	36	37	37	35	33	32	31	28	25	21	18
<b>29</b>	7	10	10	11	11	13	15	17	15	11	12	11	9
<b>30</b>	12	11	12	12	14	15	13	14	15	14	13	17	15
<b>31</b>	13	9	12	11	10	7	8	5	8	13	14	11	10

平均風速 ( km/h )

VENTO-VELOCIDADE MÉDIA ( km/h )

MEAN WIND SPEED ( km/h )

	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD
1	14	16	16	16	17	17	16	14	13	14	14	18
2	13	14	15	18	17	19	17	19	22	25	30	18
3	27	25	26	23	24	22	20	21	20	21	22	28
4	22	16	13	11	13	13	16	17	18	17	17	20
5	20	17	16	15	12	13	14	8	11	18	23	20
6	28	32	32	34	37	34	34	35	31	30	28	30
7	28	27	26	29	33	28	27	24	26	29	29	28
8	20	19	22	22	20	19	19	17	17	12	12	22
9	12	9	6	6	15	12	14	15	18	19	22	16
10	18	16	15	14	19	22	20	19	20	21	21	20
11	16	15	13	12	13	14	14	16	17	16	15	21
12	9	9	7	7	4	4	9	10	8	6	5	13
13	10	8	6	5	8	8	7	8	8	9	8	9
14	9	5	7	14	11	10	13	12	12	12	14	9
15	13	12	18	25	24	21	17	17	18	18	20	14
16	13	14	13	14	17	15	15	11	9	6	5	11
17	6	4	9	10	8	9	12	12	11	6	12	9
18	15	18	16	17	13	13	11	12	11	8	5	12
19	12	9	8	4	2	2	4	3	5	10	5	5
20	13	10	15	13	9	4	4	5	7	6	6	8
21	15	18	23	24	19	14	13	14	12	5	5	14
22	11	12	12	12	12	14	10	3	7	8	8	9
23	16	17	15	12	10	9	11	11	13	11	11	16
24	27	31	23	19	17	11	21	26	29	29	22	22
25	22	21	20	18	13	9	17	18	14	17	12	19
26	9	13	11	10	8	7	10	6	6	5	4	9
27	31	33	39	38	32	32	31	37	40	39	38	34
28	12	11	11	13	11	9	8	5	1	0	1	20
29	8	5	7	13	16	15	14	13	12	10	14	12
30	14	13	14	13	12	12	13	14	6	10	12	13
31	6	6	7	13	15	18	15	18	17	14	10	11

平均  
MÉD

16.4

風向

**DIRECÇÃO DO VENTO**

**WIND DIRECTION**

	<b>1h</b>	<b>2h</b>	<b>3h</b>	<b>4h</b>	<b>5h</b>	<b>6h</b>	<b>7h</b>	<b>8h</b>	<b>9h</b>	<b>10h</b>	<b>11h</b>	<b>12h</b>
1	NNW	N	NNW	NNW	NNW	N	N	N	N	N	N	N
2	N	N	N	N	E	E	ESE	ENE	N	N	N	N
3	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N
4	NNW	N	NNW	N	N	N	N	NNW	N	N	N	N
5	N	N	N	N	N	NNE	N	N	N	N	N	N
6	N	NNE	NNE	NNE	NNE	N	N	N	N	N	N	N
7	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N
8	N	N	N	N	NNW	N	N	N	N	N	N	N
9	NNW	NNW	N	N	N	N	NNW	NNW	NNW	NNW	NNE	N
10	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N
11	N	N	N	N	N	N	N	N	N	N	N	N
12	NNW	NNW	N	N	N	N	N	N	NNW	N	N	N
13	SE	ESE	NNW	NNW	NNW	N	N	NNW	NNW	NNW	N	NNE
14	SE	SSE	NW	N	NNW	NNW	N	N	N	NNW	N	N
15	E	E	ENE	NNW	E	N	N	N	N	NNE	NNE	NNE
16	ESE	ESE	NNE	ESE	ESE	N	ESE	N	N	N	N	E
17	SE	ESE	NNW	N	NNW	NNW	NNW	N	NNW	N	N	N
18	N	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	N	N	N
19	SE	SE	ENE	NNW	NNW	N	NNE	NNW	NW	NW	NNW	N
20	NNW	NNW	N	N	N	NNW	N	N	NNE	N	SE	N
21	ESE	SE	SE	ESE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE
22	NNW	N	NNE	N	N	NW	NW	NW	WNW	NW	NE	NNE
23	W	W	WNW	NW	NNW	N	N	N	N	N	N	N
24	E	E	E	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE	ESE
25	ESE	ESE	SE	SE	SE	SE	SE	SE	ESE	SE	SE	SE
26	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	SE	SE	SSE
27	NW	NW	NNW	NNW	NNW	NNW	N	N	N	NNW	N	N
28	N	N	N	N	N	N	N	N	N	N	N	N
29	NNW	NNW	N	N	NNW	NNW	N	N	N	N	NNE	N
30	ENE	ENE	E	E	ESE	ESE	ESE	ESE	ESE	E	ESE	ESE
31	E	E	E	ESE	ESE	ESE	ENE	NE	N	N	N	N

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h
1	N	N	N	N	N	N	N	NNW	N	NNW	NNW	NNW
2	N	N	N	N	N	N	N	N	NNW	NNW	NNW	NNW
3	N	N	N	N	N	N	N	N	N	N	N	N
4	N	N	N	N	NNE	N	NNE	N	N	N	N	N
5	N	N	N	NNE	N	N	N	N	E	NNE	N	N
6	NNW	NNW	NNW	N	N	N	N	N	N	N	NNW	NNW
7	N	N	N	N	N	NNW	N	NNW	N	N	N	N
8	N	N	N	N	N	N	N	N	NNW	NNW	NW	NNW
9	NNE	NNE	N	N	N	NW	NNW	NNW	NNW	NNW	NNW	NNW
10	N	N	N	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW
11	N	NNE	NNE	NNE	NNE	N	N	NNW	NNW	NNW	NNW	NNW
12	N	NE	NNE	NNE	SE	SSE	SE	SSE	SSE	SSE	SE	SE
13	N	NNE	NNE	ENE	SE	SE	SSE	SE	SSE	SE	SSE	SE
14	N	N	N	E	SE	SE	SE	ESE	ESE	ESE	ESE	E
15	ESE	ESE	ESE	ESE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE
16	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE
17	NNE	N	N	SE	SE	SSE	SSE	SSE	SE	SE	ENE	NNW
18	SE	SE	SE	SE	SE	SSE	SSE	S	SSE	S	S	SSE
19	N	N	N	N	N	NE	NW	SW	SSW	W	WNW	NW
20	SE	ESE	SE	SE	SSE	SSE	SE	SSE	E	SE	SE	ESE
21	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	E	SE
22	SE	SE	SSE	S	S	SSW	SSW	SSW	SSW	SSW	SW	WSW
23	N	NNE	N	NNE	NNE	NNE	ESE	ESE	ESE	ESE	ESE	ENE
24	ESE	SE	SE	ESE	ESE	ESE	E	ESE	ESE	SE	SE	ESE
25	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
26	SE	SE	SE	SE	S	SE	SE	SSE	S	S	S	S
27	NNW	N	N	N	N	N	N	N	N	N	N	N
28	N	NNE	NNE	NNE	NNE	NNE	N	N	NW	C	C	NW
29	N	N	E	E	ESE	SE	ESE	ESE	ESE	E	E	E
30	ESE	ESE	E	ESE	E	E	E	E	ENE	N	ESE	E
31	N	N	E	SE	SE	SE	SE	SSE	SE	SE	SSE	SE

風  
VENTO  
WIND

	最高風速 ( km/h ) 及其相對風向 Velocidade máxima e direção correspondente		最高陣風 ( km/h ) Rajada máxima	盛行風向 Direcção predominante	時數 horas
1	25	N	38	N	16
2	30	NNW	53	N	16
3	38	N	59	N	21
4	28	N	42	N	19
5	32	N	52	N	20
6	37	N	57	N	15
7	33	NNW	52	N NNW	12
8	29	N	44	N	19
9	24	N	35	NNW	12
10	25	NNW	39	NNW	15
11	29	N	44	N	15
12	22	N	33	N	10
13	16	NNW	23	SE NNW	6
14	14	E SE	28	N	9
15	25	SE	38	ESE	9
16	18	ESE	36	SE SSE	6
17	12	SE SSE NNW	22	N	7
18	18	SE	32	NNW	7
19	12	N	23	N	7
20	15	SE	24	N SE	7
21	24	ESE	44	ESE	18
22	15	N	24	SSW	5
23	26	N	41	N	9
24	32	SE	61	ESE	15
25	34	SE	53	SE	21
26	16	SSE	30	SE	10
27	41	N	66	N	16
28	37	N	62	N	15
29	17	N	31	N	9
30	17	ESE	34	ESE	11
31	18	SE	28	SE	7

**雲量 ( 0 - 10 )****NEBULOSIDADE ( 0 - 10 )****CLOUDINESS ( 0 - 10 )**

	<b>1h</b>	<b>2h</b>	<b>3h</b>	<b>4h</b>	<b>5h</b>	<b>6h</b>	<b>7h</b>	<b>8h</b>	<b>9h</b>	<b>10h</b>	<b>11h</b>	<b>12h</b>	<b>13h</b>
1	9	9	9	9	9	9	10	10	10	10	10	10	10
2	9	9	9	9	9	9	1	7	8	10	10	9	10
3	10	10	10	10	9	9	9	9	9	8	4	3	2
4	0	0	0	0	0	0	4	4	0	0	0	0	0
5	9	9	9	9	9	9	9	9	9	9	9	9	9
6	9	9	9	9	9	9	9	10	10	10	10	10	10
7	10	9	9	8	8	6	4	3	4	6	6	4	3
8	3	1	1	3	3	3	4	2	1	1	1	3	0
9	9	9	9	6	3	3	2	2	1	2	0	0	0
10	0	0	0	0	0	0	1	0	0	0	0	0	0
11	0	0	0	0	0	0	6	7	6	6	7	8	8
12	6	4	2	2	2	2	3	4	3	3	3	1	1
13	2	2	2	2	2	2	2	2	2	0	0	3	2
14	2	2	2	2	2	2	2	7	4	3	3	6	6
15	2	2	0	0	0	0	0	0	0	0	0	0	0
16	8	8	8	8	8	8	9	9	8	8	8	8	6
17	1	2	2	2	2	2	2	0	0	0	0	0	0
18	0	3	3	2	2	2	2	3	3	3	2	3	2
19	0	0	0	0	0	0	2	2	2	3	0	0	0
20	0	0	0	0	3	4	3	8	8	6	4	3	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	4	2	2	0	0	0	1	1	0	0	0	0	0
23	3	4	2	8	8	3	3	0	0	0	0	4	8
24	9	9	9	9	9	9	9	9	6	6	9	9	9
25	9	9	8	9	9	9	10	10	9	8	9	9	9
26	10	10	9	9	9	9	10	10	10	9	10	10	9
27	10	10	10	10	10	9	9	9	9	9	6	3	3
28	2	4	8	8	8	9	9	9	8	8	1	0	0
29	0	0	0	0	0	0	9	9	7	1	0	0	0
30	2	6	6	6	8	8	9	9	9	9	9	9	9
31	9	9	9	9	9	9	10	10	9	10	10	10	1

雲量 ( 0 - 10 )

NEBULOSIDADE ( 0 - 10 )

CLOUDINESS ( 0 - 10 )

	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD
1	10	9	9	9	9	9	9	9	9	9	9	9
2	9	9	9	9	9	9	9	9	9	9	9	9
3	0	0	0	0	0	0	0	0	0	0	0	4
4	0	2	3	8	9	10	9	9	9	9	9	4
5	9	9	2	8	6	6	6	9	9	9	9	8
6	10	10	10	10	10	10	10	10	10	10	10	10
7	2	2	2	1	3	3	2	2	3	8	4	5
8	0	0	0	0	2	4	3	3	7	8	9	2
9	0	0	0	1	1	1	1	0	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0
11	7	7	8	8	8	8	6	6	6	6	6	5
12	0	0	2	3	3	3	3	3	3	2	2	2
13	3	4	3	6	3	2	2	2	2	2	2	2
14	8	8	8	6	8	8	4	2	2	2	2	4
15	0	0	0	1	2	2	2	1	1	2	8	1
16	6	3	3	3	4	3	0	0	0	1	1	5
17	0	0	0	1	2	2	2	0	0	0	0	1
18	2	2	0	0	2	0	0	0	0	0	0	2
19	6	3	2	0	0	0	2	2	2	2	0	1
20	4	7	4	3	2	2	2	2	2	2	0	3
21	0	0	3	3	3	3	8	8	8	8	8	2
22	0	0	0	0	0	0	0	3	0	0	4	1
23	8	4	8	8	8	8	8	9	9	9	9	5
24	9	8	8	9	9	9	6	8	8	9	9	8
25	6	6	9	6	9	9	9	9	9	9	10	9
26	9	9	6	9	10	10	10	10	10	10	10	9
27	2	2	2	0	2	2	2	2	2	2	2	5
28	0	0	0	0	0	0	0	0	0	0	0	3
29	1	1	0	0	0	0	1	2	3	3	6	2
30	10	10	10	10	10	9	9	9	9	9	9	8
31	2	2	2	2	4	4	2	2	2	4	4	6
平均 MÉD												4.5

## 各級雲底高度統計

NÚMERO DE VEZES QUE A ALTURA DA BASE DAS NUVENS MAIS BAIXAS FOI OBSERVADA ENTRE LIMITES ESPECIFICADOS

NUMBER OF TIMES THE HEIGHT OF THE BASE OF LOWEST CLOUDS WAS BETWEEN SPECIFIED LIMITS

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h
0 - 50m	0	0	0	0	0	0	0	0	0	0	0	0	0
50 - 100m	0	0	0	0	0	0	0	0	0	0	0	0	0
100 - 200m	0	0	0	0	0	0	0	0	0	0	0	0	0
200 - 300m	1	1	1	0	0	0	0	1	0	0	0	0	0
300 - 600m	3	3	2	3	3	3	3	3	4	4	2	2	2
600 - 1000m	12	11	12	13	12	13	13	12	11	10	11	10	10
1000 - 1500m	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 2000m	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2500m	0	0	0	0	0	0	0	0	0	0	0	0	0
> 2500m	15	16	16	15	16	15	15	15	16	17	18	19	19

	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	總數 TOTAL
0 - 50m	0	0	0	0	0	0	0	0	0	0	0	0
50 - 100m	0	0	0	0	0	0	0	0	0	0	0	0
100 - 200m	0	0	0	0	1	1	1	1	1	1	1	7
200 - 300m	0	0	0	0	0	0	0	0	0	0	0	4
300 - 600m	4	2	2	2	1	1	4	4	3	2	3	65
600 - 1000m	10	10	9	8	9	10	9	9	11	12	12	259
1000 - 1500m	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 2000m	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2500m	0	0	0	0	0	0	0	0	0	0	0	0
> 2500m	17	19	20	21	20	19	17	17	16	16	15	409

能見度 (公里)

VISIBILIDADE ( km )

VISIBILITY ( km )

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2	6	6	6	6	6	6	4	5	4	3	3	3	3	4
3	6	6	6	6	8	10	6	6	6	8	12	12	12	12
4	10	10	10	10	10	10	8	8	10	8	8	8	8	8
5	6	6	6	8	8	8	8	6	6	6	6	6	6	5
6	6	6	6	6	8	8	6	5	5	5	5	5	4	5
7	6	8	10	10	10	10	12	12	12	15	15	12	12	12
8	10	10	10	10	10	10	8	8	8	8	8	8	8	8
9	6	6	8	8	10	10	8	8	8	8	6	6	6	6
10	10	12	12	12	12	12	12	10	8	10	10	10	10	10
11	10	8	8	8	8	8	8	8	8	8	8	8	10	8
12	10	6	6	6	6	6	8	6	6	6	6	6	6	6
13	6	6	6	6	6	6	4	4	4	4	3	3	3	3
14	6	6	6	6	6	6	4	3	3	3	3	4	4	4
15	10	10	10	10	10	10	8	6	6	6	6	6	6	8
16	8	8	8	8	8	8	8	6	6	5	4	4	5	6
17	12	10	10	8	8	6	4	3	3	2	3	3	4	4
18	8	8	8	8	8	8	5	5	5	4	4	4	4	8
19	10	10	10	6	6	6	6	5	5	4	3	3	3	5
20	5	4	4	3	4	4	4	3	3	3	4	4	4	5
21	4	4	4	5	6	6	5	4	5	5	5	5	5	5
22	5	5	5	5	5	5	4	4	4	4	4	3	3	3
23	5	5	5	4	4	4	2	3	3	3	3	3	3	5
24	8	6	6	6	6	6	6	6	8	6	6	6	6	6
25	6	6	6	6	6	6	3	3	2	4	4	4	4	4
26	4	4	4	4	4	4	4	2	4	4	4	4	4	3
27	3	5	6	8	8	10	20	20	20	20	15	15	15	15
28	15	15	12	12	12	12	12	12	10	10	10	10	10	10
29	10	10	10	6	6	6	6	8	8	8	10	10	10	10
30	12	12	12	12	12	12	15	15	12	12	10	10	10	12
31	8	8	8	8	8	6	6	5	5	6	8	8	10	10

能見度 (公里)

VISIBILIDADE ( km )

VISIBILITY ( km )

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	最高 MÁX	最低 MÍN
1	6	6	6	6	6	6	6	6	6	6	6	6
2	4	4	4	4	4	5	5	6	6	6	6	3
3	12	12	12	10	10	10	10	10	10	10	12	6
4	6	6	6	5	6	8	8	8	8	6	10	5
5	5	5	5	5	6	6	6	6	6	6	8	5
6	6	10	4	5	6	6	6	10	10	10	10	4
7	12	12	10	8	8	10	10	10	10	10	15	6
8	8	6	6	6	8	8	8	8	8	6	10	6
9	6	5	5	5	8	8	8	8	8	8	10	5
10	8	8	8	6	8	8	8	8	10	10	12	6
11	8	8	8	8	8	8	8	10	10	10	10	8
12	6	6	6	6	6	6	6	6	6	6	10	6
13	4	4	5	3	6	6	6	6	6	6	6	3
14	4	4	5	5	6	8	10	10	10	10	10	3
15	8	8	8	6	6	6	6	6	6	8	10	6
16	8	12	12	12	12	12	12	12	12	12	12	4
17	4	5	5	6	8	8	8	8	8	8	12	2
18	12	10	10	8	10	10	10	10	10	10	12	4
19	5	5	5	5	5	5	6	6	6	5	10	3
20	5	4	4	3	4	4	4	4	4	4	5	3
21	5	4	4	3	5	5	5	5	5	5	6	3
22	3	3	3	3	5	6	8	8	6	6	8	3
23	5	5	5	4	6	10	10	10	8	8	10	2
24	6	6	6	6	6	6	6	6	6	6	8	6
25	4	4	3	3	5	5	5	5	5	4	6	2
26	4	4	3	1	1	0.5	0.5	2	2	2	4	0.5
27	15	15	15	15	15	15	15	15	15	15	20	3
28	10	10	10	8	10	12	12	10	10	10	15	8
29	12	12	10	10	10	12	12	12	10	10	12	6
30	12	12	12	10	10	8	8	8	8	8	15	8
31	10	10	10	10	10	10	10	10	8	8	10	5
全月 MÊS											20	0.5

總輻射量 ( $10^{-2} \text{ MJ m}^{-2}$ )

RADIAÇÃO GLOBAL ( $10^{-2} \text{ MJ m}^{-2}$ )

GLOBAL RADIATION ( $10^{-2} \text{ MJ m}^{-2}$ )

	5-6h	6-7h	7-8h	8-9h	9-10h	10-11h	11-12h	12-13h	13-14h	14-15h	15-16h	16-17h	17-18h	18-19h	總數	時最高
															TOTAL	MÁX 1h
1	0	0	4	17	33	35	56	49	49	59	48	26	4	0	380	59
2	0	2	22	51	34	48	81	44	47	50	42	24	1	0	446	81
3	0	0	12	45	89	143	261	257	234	188	125	43	3	0	1400	261
4	0	1	33	102	170	222	251	253	232	179	100	17	2	0	1562	253
5	0	0	17	65	105	170	188	182	165	146	99	26	3	0	1166	188
6	0	0	3	17	15	16	28	12	21	17	14	3	0	0	146	28
7	0	1	42	113	111	178	269	264	145	127	101	96	3	0	1450	269
8	0	2	42	113	183	235	262	262	232	179	112	38	2	0	1662	262
9	0	2	42	114	180	233	254	248	210	150	97	37	2	0	1569	254
10	0	2	39	108	176	226	253	253	228	179	111	36	3	0	1614	253
11	0	1	30	103	166	178	253	248	224	179	113	44	3	0	1542	253
12	0	2	34	103	172	225	253	256	229	180	110	38	2	0	1604	256
13	0	1	32	102	167	215	249	249	212	170	112	41	3	0	1553	249
14	0	1	35	96	163	207	236	232	202	159	95	39	3	0	1468	236
15	0	1	35	98	160	211	240	248	226	176	111	42	4	0	1552	248
16	0	1	16	67	141	130	174	200	218	176	111	41	4	0	1279	218
17	0	1	35	100	166	217	248	252	229	187	125	48	3	0	1611	252
18	0	2	37	109	166	218	250	255	239	188	114	41	4	0	1623	255
19	0	1	29	89	153	202	225	207	215	167	106	37	3	0	1434	225
20	0	1	24	69	136	188	213	213	178	150	82	40	3	0	1297	213
21	0	1	25	77	138	184	213	220	202	161	100	43	2	0	1366	220
22	0	1	29	88	148	199	222	218	194	156	97	38	4	0	1394	222
23	0	1	23	71	126	166	130	132	134	126	65	27	4	0	1005	166
24	0	1	13	91	154	68	113	179	116	151	45	7	0	0	938	179
25	0	1	14	35	106	51	101	148	140	80	51	20	2	0	749	148
26	0	1	10	27	79	66	133	112	159	135	72	21	1	0	816	159
27	0	3	18	40	128	188	272	229	235	186	118	39	3	0	1459	272
28	0	3	33	90	176	243	268	267	237	185	117	39	3	0	1661	268
29	0	4	35	119	192	241	264	261	234	181	115	42	3	0	1691	264
30	0	0	7	23	34	44	67	60	40	31	23	8	1	0	338	67
31	0	2	14	31	70	131	197	265	241	193	125	45	3	0	1317	265
全月															39092	272
MÊS																
平均															1261	
MÉD																

漫射太陽輻射量 ( $10^{-2} \text{ MJ m}^{-2}$ )

RADIACÃO DIFUSA ( $10^{-2} \text{ MJ m}^{-2}$ )

DIFFUSE SOLAR RADIATION ( $10^{-2} \text{ MJ m}^{-2}$ )

	5-6h	6-7h	7-8h	8-9h	9-10h	10-11h	11-12h	12-13h	13-14h	14-15h	15-16h	16-17h	17-18h	18-19h	總數	時最高
															TOTAL	MÁX 1h
1	0	0	3	16	31	32	52	46	46	55	44	24	3	0	352	55
2	0	2	20	46	32	45	75	42	44	47	40	22	1	0	416	75
3	0	0	11	41	75	78	56	44	42	37	30	18	2	0	434	78
4	0	0	19	39	51	52	51	50	47	43	31	15	2	0	400	52
5	0	0	16	58	93	124	142	144	125	103	45	22	2	0	874	144
6	0	0	2	15	14	15	26	11	20	16	13	3	0	0	135	26
7	0	1	16	42	62	88	67	57	51	49	44	43	2	0	522	88
8	0	2	24	45	50	52	52	48	48	46	36	19	2	0	424	52
9	0	1	18	32	39	41	46	51	60	57	41	20	2	0	408	60
10	0	1	20	39	49	56	56	54	54	48	38	21	2	0	438	56
11	0	1	22	50	66	76	90	89	64	54	41	25	3	0	581	90
12	0	1	19	36	46	50	51	48	45	41	34	20	2	0	393	51
13	0	1	18	37	48	57	57	54	57	50	35	22	2	0	438	57
14	0	1	20	39	54	61	70	70	72	64	44	23	3	0	521	72
15	0	1	20	39	52	57	59	58	55	51	41	24	3	0	460	59
16	0	1	14	60	86	106	109	102	89	63	45	23	3	0	701	109
17	0	1	21	42	54	60	57	52	48	39	33	20	3	0	430	60
18	0	2	20	38	44	49	47	47	43	41	39	23	3	0	396	49
19	0	1	21	46	56	67	72	78	66	55	41	21	2	0	526	78
20	0	1	21	55	84	101	102	101	97	81	51	27	3	0	724	102
21	0	1	21	53	78	95	105	105	93	80	61	31	2	0	725	105
22	0	1	25	61	71	80	85	86	86	78	59	30	4	0	666	86
23	0	1	18	49	75	94	105	112	104	87	56	24	4	0	729	112
24	0	1	12	59	114	62	101	143	96	102	40	6	0	0	736	143
25	0	1	13	32	95	47	89	120	105	70	46	18	1	0	637	120
26	0	1	9	25	72	62	118	103	121	99	57	19	1	0	687	121
27	0	2	17	37	91	76	77	71	54	50	38	21	3	0	537	91
28	0	2	30	76	90	55	54	51	49	43	34	20	2	0	506	90
29	0	3	30	48	46	54	58	64	61	56	44	25	3	0	492	64
30	0	0	6	21	32	41	62	55	37	28	21	7	1	0	311	62
31	0	2	13	28	64	118	130	75	62	53	43	24	3	0	615	130
全月															16214	144
MÊS																
平均															523	
MÉD																

直接太陽輻射 ( $\text{Wm}^{-2}$ )

INTENSIDADE DA RADIAÇÃO DIRECTA ( $\text{Wm}^{-2}$ )

DIRECT SOLAR RADIATION ( $\text{Wm}^{-2}$ )

	9h			12h			15h		
	濾黃光 Filtro RG2	濾紅光 Filtro OG1	無濾鏡 Sem filtro	濾黃光 Filtro RG2	濾紅光 Filtro OG1	無濾鏡 Sem filtro	濾黃光 Filtro RG2	濾紅光 Filtro OG1	無濾鏡 Sem filtro
1	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	545	455	723
4	---	---	---	---	---	---	455	383	545
5	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	513	429	678
8	458	398	583	---	---	---	465	390	603
9	---	---	---	562	466	773	322	286	398
10	463	397	509	497	452	726	449	386	597
11	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	471	393	622
13	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	483	407	654
19	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	466	390	623
28	---	---	---	552	461	766	489	414	646
29	---	---	---	---	---	---	429	363	562
30	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---

最低草溫, 土壤溫度, 海水溫度, 雨量及日照量

TEMPERATURAS : MÍNIMA NA RELVA, DO SOLO E DA ÁGUA DO MAR, PRECIPITAÇÃO E INSOLAÇÃO

MINIMUM GRASS TEMPERATURE, SOIL TEMPERATURE, SEA TEMPERATURE, PRECIPITATION AND INSOLATION

溫度 Temperaturas (°C)								
	最低草溫	土壤溫度 do solo				09時海水溫度	雨量 ( mm ) ( 09- 09 )	日照量 (h)
	Mín na relva	10cm	20cm	50cm	100cm	Água do mar ( 9h )	Precipitação ( mm ) ( 09 - 09 )	Insolação (h)
1	11.2	15.2	16.0	17.7	20.6	15.1	0.8	0.0
2	12.0	15.4	16.2	17.6	20.5	15.6	0.0	0.0
3	9.5	15.0	16.1	17.6	20.4	15.0	1.0	6.5
4	6.5	14.0	15.5	17.7	20.3	14.4	VST	8.4
5	11.0	15.3	16.2	17.8	20.3	14.8	0.0	1.7
6	9.5	15.0	16.2	17.8	19.8	15.0	VST	0.0
7	4.5	12.6	13.9	17.1	19.8	13.8	7.6	8.6
8	4.4	12.2	13.6	16.6	19.7	13.1	0.0	9.0
9	5.9	13.4	14.5	16.7	19.7	13.2	0.0	9.3
10	6.5	6.7	10.1	17.0	19.5	13.2	0.0	9.2
11	7.5	13.6	15.0	17.0	19.5	---	0.0	8.3
12	5.6	13.6	14.7	16.8	19.3	---	0.0	9.1
13	5.5	13.8	15.0	17.0	19.1	---	0.0	9.0
14	4.5	14.5	15.5	17.5	19.0	13.8	0.0	8.9
15	7.0	15.0	16.0	17.4	19.1	14.5	0.0	9.2
16	11.0	16.2	16.7	17.5	19.0	15.2	0.0	5.5
17	7.2	15.8	16.7	17.8	19.1	15.7	0.0	9.1
18	8.8	16.4	17.1	18.0	19.1	16.3	0.0	9.2
19	7.4	16.5	17.5	18.4	19.2	16.8	0.0	8.4
20	8.8	16.6	17.5	18.5	19.2	17.0	0.0	5.5
21	10.5	16.8	17.5	18.5	19.5	16.8	0.0	6.9
22	8.2	16.4	17.5	18.5	19.3	17.5	0.0	7.1
23	11.6	17.5	18.1	18.8	19.4	17.2	0.0	2.1
24	13.8	17.4	18.0	18.7	19.4	17.2	0.0	1.8
25	14.5	17.7	18.2	18.8	19.5	17.2	VST	0.2
26	16.0	18.5	19.0	19.0	19.5	17.4	0.0	1.1
27	11.3	18.2	19.2	19.3	19.6	17.2	0.0	6.6
28	8.6	15.5	16.8	19.0	19.6	---	0.0	7.5
29	3.5	15.5	16.5	18.5	19.7	15.1	0.0	8.4
30	11.5	16.8	17.6	18.8	19.8	16.1	0.0	0.0
31	15.5	17.3	17.8	18.5	19.6	16.4	0.0	5.0
平均 MÉD	9.0	15.3	16.3	17.9	19.6	15.6		5.8
全月 MÊS	3.5						9.4	181.6

蒸發量, 地表狀況及天氣概況

EVAPORAÇÃO, ESTADO DO SOLO E EVOLUÇÃO DO TEMPO

EVAPORATION, SOIL STATUS AND WEATHER PHENOMENOM

蒸發量 ( mm ) 及附隨觀測

Evaporação ( mm ) e Observações complementares

水溫 Temperatura da água (°C)

	蒸發計 Piche	蒸發盤 Tina da classe A	最高 MÁX	最低 MÍN	風程 ( km ) Percurso do vento	地表狀況 Estado do solo	天氣概況 Evolução do tempo
1	1.6	3.8	13.9	10.0	176	0	CH m
2	1.7	0.1	14.2	10.6	168	0	NB a; BS p.n; CH n
3	1.5	1.1	16.5	10.8	197	1	CH m.a
4	3.9	3.4	18.5	7.8	236	0	BS p
5	4.0	8.0	19.8	8.9	205	0	BS p
6	3.6	3.3	18.2	8.3	212	1	CH a.p.n
7	0.7	0.2	16.2	5.9	242	0	CH m
8	2.2	2.5	15.4	5.6	236	0	
9	2.1	3.0	18.1	6.0	172	0	BS p
10	2.6	5.2	21.0	8.5	105	0	
11	3.5	5.7	20.0	8.0	201	0	
12	4.1	6.1	19.2	8.2	162	0	
13	2.7	2.2	21.1	8.6	65	0	BS a.p
14	3.3	3.3	24.0	11.2	40	0	BS a.p
15	4.5	2.3	22.7	11.0	106	0	
16	2.7	3.0	22.6	10.5	116	0	NB a; BS a.p
17	2.4	2.6	22.4	11.9	71	0	NB a; BS a.p
18	3.5	2.9	25.1	12.5	74	0	BS a.p
19	2.0	2.9	25.0	13.1	64	0	NB a; BS a.p.n
20	3.5	3.7	24.6	14.0	38	0	BS m.a.p; NB p.n; BS n
21	1.8	3.6	25.0	13.8	76	0	NB m.a; BS a.p; NB p.n; BS n
22	2.2	2.6	22.5	12.6	118	0	NB m.a; BS a.p.n
23	2.3	2.4	23.8	13.0	116	0	NB m; BS m.a.p
24	3.3	2.8	19.7	14.0	174	0	CH n
25	1.5	3.9	20.7	14.5	200	0	NB a.p.n
26	0.7	1.5	22.0	16.5	111	0	NB m.a.p.n; NV n
27	1.1	1.2	24.3	10.6	109	0	NB m
28	5.0	6.8	20.3	7.5	352	0	
29	3.4	2.7	20.0	7.0	98	0	
30	3.1	4.7	23.5	10.0	121	0	
31	1.2	2.6	16.5	15.5	129	0	NB a
平均 MÉD			20.5	10.5			
全月 MÊS	81.7	100.1	25.1	5.6	4490		

九澳氣候觀測站  
ESTAÇÃO CLIMATOLÓGICA DE KA-HÓ ( COLOANE )

平均風速 ( km/h )

VENTO-VELOCIDADE MÉDIA ( km/h )

MEAN WIND SPEED ( km/h )

	<b>1h</b>	<b>2h</b>	<b>3h</b>	<b>4h</b>	<b>5h</b>	<b>6h</b>	<b>7h</b>	<b>8h</b>	<b>9h</b>	<b>10h</b>	<b>11h</b>	<b>12h</b>	<b>13h</b>
<b>1</b>	12	15	14	13	16	21	25	24	22	25	26	24	19
<b>2</b>	16	16	15	18	29	22	15	20	16	15	15	18	17
<b>3</b>	22	24	25	26	35	30	31	35	33	34	35	35	33
<b>4</b>	16	16	16	18	24	22	23	18	23	26	29	25	24
<b>5</b>	20	23	22	25	27	29	29	29	34	31	26	26	23
<b>6</b>	29	29	28	29	32	35	33	31	35	33	28	31	19
<b>7</b>	20	21	22	22	23	20	22	20	20	23	32	33	33
<b>8</b>	27	24	25	24	16	24	24	27	28	28	27	22	24
<b>9</b>	11	16	25	25	20	21	12	12	11	10	19	22	21
<b>10</b>	13	8	11	15	17	17	16	18	16	22	25	23	23
<b>11</b>	28	29	24	23	25	28	28	29	28	26	28	28	24
<b>12</b>	8	11	21	20	22	21	20	18	13	14	18	14	14
<b>13</b>	1	1	1	1	3	6	5	9	9	10	13	14	13
<b>14</b>	1	2	3	1	1	1	3	5	6	6	11	13	12
<b>15</b>	8	11	16	15	13	9	10	6	10	11	11	10	10
<b>16</b>	9	10	13	5	8	9	4	10	6	10	11	7	6
<b>17</b>	1	0	1	3	4	3	6	7	8	9	10	8	7
<b>18</b>	5	6	6	3	4	6	4	5	7	7	9	7	6
<b>19</b>	1	1	0	1	2	1	0	1	0	3	8	9	10
<b>20</b>	0	1	2	3	5	4	3	3	5	6	9	10	10
<b>21</b>	2	3	5	3	7	9	10	7	8	9	12	12	13
<b>22</b>	4	7	13	13	10	6	2	6	6	2	6	9	8
<b>23</b>	2	7	10	8	10	17	19	25	27	25	21	20	21
<b>24</b>	16	14	13	12	14	15	17	17	13	20	14	12	12
<b>25</b>	9	9	17	19	18	16	15	9	5	13	14	5	13
<b>26</b>	1	5	8	8	8	8	7	7	4	4	3	6	6
<b>27</b>	6	10	14	21	28	33	34	31	33	34	37	40	35
<b>28</b>	38	39	39	40	38	37	35	34	32	30	27	25	22
<b>29</b>	3	2	4	7	4	6	13	16	15	15	15	14	10
<b>30</b>	15	13	12	12	11	9	9	13	12	12	11	17	17
<b>31</b>	11	9	8	7	7	5	6	6	7	11	13	12	11

平均風速 ( km/h )

VENTO-VELOCIDADE MÉDIA ( km/h )

MEAN WIND SPEED ( km/h )

	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD
1	14	16	19	20	18	16	12	14	14	12	12	18
2	13	14	15	17	16	16	15	15	16	19	21	17
3	34	27	29	25	20	19	18	15	16	15	15	26
4	23	19	15	12	14	12	13	13	18	17	17	19
5	22	20	21	19	14	11	9	6	16	20	25	22
6	22	26	31	38	40	37	36	40	31	28	21	31
7	33	30	29	28	29	25	21	20	21	30	29	25
8	22	22	26	25	22	17	15	11	11	9	7	21
9	18	13	7	6	6	12	12	8	12	14	16	14
10	20	18	19	18	16	15	12	12	13	15	14	16
11	22	23	21	18	14	11	8	8	8	8	8	21
12	13	13	10	4	1	2	4	4	3	2	1	11
13	12	10	7	4	2	4	2	3	3	3	3	6
14	9	8	6	7	6	5	6	6	6	5	10	6
15	9	9	9	13	12	13	10	10	11	10	11	11
16	9	8	7	8	9	9	9	6	2	1	1	7
17	8	6	7	6	5	6	6	4	4	3	2	5
18	8	12	12	10	8	8	7	6	6	3	2	6
19	13	12	10	4	1	3	4	3	1	1	1	4
20	10	9	10	7	4	1	1	0	0	2	1	4
21	14	12	13	11	11	10	12	10	6	3	4	8
22	12	15	18	18	17	13	9	7	6	6	5	9
23	25	20	18	14	12	4	6	9	8	7	13	14
24	14	17	14	12	14	13	11	11	13	12	11	14
25	11	11	9	11	10	3	7	8	5	8	5	10
26	6	7	7	6	8	5	4	2	3	4	3	5
27	38	39	36	36	31	30	32	45	48	44	42	32
28	18	14	16	16	11	8	2	3	3	3	1	22
29	10	8	9	9	10	8	9	11	13	12	15	10
30	15	14	13	11	13	12	13	15	11	8	12	12
31	9	7	6	7	9	10	9	8	9	9	3	8
平均 MÉD												14.0

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h
1	N	NNE	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE
2	NNE	NNE	NNE	NNE	ENE	ENE	E	ENE	NNE	NNE	NNE	NNE
3	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
4	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
5	NNE	NNE	NNE	NNE	NNE	NE	NNE	NNE	NNE	NNE	NNE	NNE
6	NNE	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
7	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE
8	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE
9	NNW	N	NNE	NNE	NNE	NNE	N	N	NNW	NNE	NE	NE
10	N	NNE	NNE	N	N	N	N	N	N	NNE	NNE	NNE
11	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE
12	NW	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE
13	C	C	C	C	N	NNE	N	N	NNW	NNW	NE	NE
14	C	SW	SW	C	C	C	NNE	NNE	NE	NNE	NNE	NE
15	NE	NE	NE	NE	NE	NE	NNE	NE	NE	NE	NE	NE
16	ESE	NE	NE	NE	ENE	NNE	ESE	NE	NE	NE	NE	NE
17	C	C	C	NNE	N	NNE	NNE	NNE	NNE	NE	NE	NE
18	NNW	NNW	NNW	NE	NNE	NNW	N	N	NNE	NE	NE	NE
19	C	C	C	C	NW	C	C	C	C	N	NE	NE
20	C	C	NE	NE	NE	NE	NNE	NNE	NE	NE	ENE	ENE
21	S	SSW	SE	SSE	ESE	ESE	ESE	ENE	ESE	E	E	E
22	ENE	NNE	NE	NNE	NNE	NW	SW	W	W	SSE	ENE	ENE
23	SSW	W	WNW	WNW	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE
24	ENE	ENE	ENE	ENE	ENE	E	ESE	ESE	E	ESE	ENE	ENE
25	E	ENE	SE	SE	SE	SE	SE	SE	ESE	SE	SE	SE
26	C	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	NE	SE
27	WNW	W	NNE	N	N	N	N	NNE	N	N	NNE	NNE
28	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
29	NW	NW	NNE	NNE	NNW	N	NNE	NNE	NNE	NE	NE	NE
30	ENE	NE	ENE	ENE	ESE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
31	ENE	NE	ENE	ENE	ENE	ENE	NE	ENE	NE	NNE	NNE	NE

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h
1	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	NNE
2	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	N
3	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N
4	NNE	NNE	NNE	NNE	NE	NNE	NE	NNE	NNE	NNE	NNE	NNE
5	NNE	NNE	NNE	NE	NNE	NNE	NNE	NNE	NE	NE	NE	NNE
6	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N
7	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	NNE	NNE
8	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	NW	NW
9	NE	NE	NE	NE	NE	N	NNE	N	N	N	N	N
10	NNE	NE	NNE	NE	NNE	N	N	N	N	N	N	N
11	NE	NE	NE	NE	NE	NNE	NNE	NNW	NNW	NNW	NNW	NW
12	NNE	NE	NE	ENE	ENE	C	S	SSW	SSW	S	SSW	C
13	NE	NE	NE	ENE	SE	SSW	SW	SW	SW	SSW	SW	S
14	NE	NE	NE	ENE	SE	SE	SSE	SE	SE	SE	E	ENE
15	NE	ENE	E	SE	SE	SE	SE	ESE	ESE	SE	SE	ESE
16	SE	ESE	SE	SE	SSE	SSE	S	S	S	SSE	C	C
17	NE	NE	NE	ENE	S	SSE	S	SE	S	SE	NE	NNW
18	NE	SE	SE	SE	SE	SSE	S	S	SSW	SSW	SW	S
19	NE	NE	NE	NE	NE	C	SSW	SSW	SSW	C	C	C
20	ENE	E	SE	SSE	SSE	S	C	C	C	C	S	C
21	ENE	ESE	ESE	ESE	ESE	E	ENE	ENE	ENE	ESE	ENE	SSE
22	ENE	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	SW
23	NE	NE	NE	NE	NE	ENE	SE	ESE	ENE	ENE	ENE	ENE
24	E	ESE	ESE	E	ENE	ENE	ENE	ENE	E	ESE	ESE	ESE
25	SE	SE	SE	SE	SE	SE	SE	SSE	SE	SE	SE	E
26	SE	S	S	S	S	S	S	SSW	SW	SSW	SW	SW
27	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
28	NNE	NNE	NE	NE	NE	NE	NE	NNE	SSW	SW	WSW	C
29	NE	NE	NE	ENE	E	SE	SE	ENE	ENE	ENE	ENE	ENE
30	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
31	NE	NE	ENE	SE	SE	SE	SSE	S	S	SSE	SSE	SE

風  
VENTO  
WIND

	最高風速 ( km/h )及其相對風向 Velocidade máxima e direcção correspondente			最高陣風 ( km/h ) Rajada máxima	盛行風向 Direcção predominante		時數 horas
1	26	NNE		39	NNE		19
2	29	ENE		44	NNE		16
3	35	NNE		56	NNE		18
4	29	NNE		42	NNE		19
5	34	NNE		48	NNE		19
6	40	NNE		60	NNE		16
7	33	NNE		52	N NNE		12
8	28	NNE		44	NNE		18
9	25	NNE		38	N		9
10	25	NNE		36	N		14
11	29	NNE		43	NNE		13
12	22	NNE		31	NNE		11
13	14	NE		21	NE		5
14	13	NE		22	NE SE		5
15	16	NE		30	NE		12
16	13	NE		28	NE		8
17	10	NE		16	NE		7
18	12	SE		27	NE		5
19	13	NE		21	C		12
20	10	E ENE SSE		23	C		7
21	14	ESE		34	ESE		9
22	18	S SSW		25	SW		5
23	27	NNE		40	NNE		7
24	20	ESE		48	ENE		11
25	19	SE		41	SE		19
26	8	S SE SSE		27	SE		7
27	48	NNE		66	NNE		16
28	40	NNE		59	NNE		15
29	16	NNE		25	NE ENE		6
30	17	ENE		40	ENE		22
31	13	NNE		25	ENE		7

氣溫, 相對濕度, 日照量及雨量

TEMPERATURA DO AR, HUMIDADE RELATIVA, INSOLAÇÃO E PRECIPITAÇÃO

TEMPERATURE, RELATIVE HUMIDITY, INSOLATION AND PRECIPITATION

	氣溫 (°C)			相對濕度 (%)			日照量 (h) Insolação (h)	雨量 (mm) (09-09) Precipitação (mm) (09-09)
	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN		
	Temperaturas do ar			Humidade relativa				
1	14.8	13.8	13.2	80	76	72	0.1	0.2
2	17.0	15.8	13.8	86	77	69	0.0	0.0
3	17.0	13.6	11.1	89	71	51	7.2	1.0
4	18.3	14.2	10.1	76	64	49	6.4	0.2
5	17.0	14.8	13.1	76	63	51	3.0	0.0
6	14.4	10.6	7.1	93	79	65	0.0	0.0
7	13.1	9.5	7.1	90	76	62	6.8	11.0
8	15.5	11.0	7.3	81	72	58	8.2	0.0
9	19.0	14.0	9.8	79	68	56	8.3	0.0
10	18.5	14.2	11.0	71	61	52	7.9	0.0
11	18.5	13.7	10.5	70	58	45	8.2	0.0
12	19.7	14.2	11.2	81	58	37	8.3	0.0
13	21.2	14.6	9.8	86	70	35	8.4	0.0
14	21.8	15.9	10.9	84	65	40	8.3	0.0
15	20.5	16.2	12.5	83	69	48	8.2	0.0
16	20.6	16.4	13.7	86	74	53	5.9	0.0
17	22.8	16.8	12.7	90	72	47	8.4	0.0
18	23.9	17.8	14.5	85	68	49	7.9	0.0
19	23.8	17.7	13.4	91	71	41	8.1	0.2
20	21.6	17.2	14.7	87	76	59	6.9	0.0
21	20.0	16.8	14.7	89	75	62	7.7	0.0
22	22.2	17.2	13.1	86	75	51	7.3	0.0
23	19.6	17.6	16.1	86	69	46	4.1	0.0
24	19.1	17.4	16.4	85	78	70	2.4	0.0
25	21.3	18.8	17.0	88	83	73	1.4	0.0
26	23.8	20.0	18.0	90	85	72	0.3	0.0
27	20.0	14.7	11.5	90	65	52	5.8	0.0
28	17.8	13.0	10.6	64	55	39	8.0	0.0
29	20.5	15.1	10.3	81	65	48	8.3	0.0
30	17.3	16.5	15.5	83	75	66	0.5	0.0
31	23.3	18.7	17.0	88	79	61	5.4	0.0
平均 MÉD	19.5	15.4	12.5	84	71	54	5.7	
全月 MÊS	23.9		7.1	93		35	177.7	12.6

土壤溫度及蒸發量

TEMPERATURAS DO SOLO E EVAPORAÇÃO

SOIL TEMPERATURE AND EVAPORATION

蒸發量 ( mm ) 及附隨觀測

Evaporação ( mm ) e Observações complementares

水溫 Temperatura da água (°C)

	土壤溫度 Temperaturas do solo (°C)				蒸發計 Piche	蒸發盤 Tina da classe A	最高 MÁX	最低 MÍN	風程 ( km ) Percurso do vento
	10cm	20cm	50cm	100cm					
1	15.8	16.6	18.1	20.8	1.5	1.7	14.9	10.6	45
2	16.2	16.6	18.0	20.6	1.5	0.7	15.1	11.0	34
3	15.5	16.5	18.0	20.5	0.4	2.3	17.0	11.0	77
4	14.5	16.0	18.0	20.4	3.5	2.6	19.5	8.3	73
5	16.0	17.0	18.1	20.4	2.6	3.8	20.5	8.4	46
6	15.5	16.6	18.2	20.3	2.9	2.7	19.5	11.0	41
7	13.0	14.6	17.5	20.2	0.1	0.5	12.0	6.0	134
8	13.0	14.5	17.0	20.0	1.9	0.2	11.0	6.0	107
9	14.2	15.0	17.1	19.8	1.4	1.9	18.3	7.9	48
10	14.2	15.5	18.1	19.6	1.8	1.6	22.3	9.0	53
11	14.2	15.3	17.2	19.6	2.9	3.4	20.6	8.3	73
12	14.1	15.3	17.0	19.4	2.6	4.6	20.0	8.5	35
13	14.0	15.2	17.0	19.4	1.8	1.3	21.0	9.0	7
14	14.7	15.6	17.2	19.3	1.9	0.8	22.0	10.3	3
15	15.0	16.0	17.4	19.3	2.5	2.6	22.7	11.0	11
16	16.3	16.7	17.6	19.2	2.1	1.8	23.0	13.0	33
17	15.6	16.5	17.7	19.3	1.7	1.4	23.5	12.5	5
18	16.0	17.0	17.8	19.3	2.0	2.8	25.0	13.5	3
19	14.6	17.2	18.0	19.2	1.9	2.6	25.0	13.5	10
20	16.7	17.5	18.5	19.3	2.2	1.0	24.8	14.0	2
21	16.6	17.5	18.5	19.4	1.8	1.3	23.5	13.3	13
22	16.5	17.5	18.5	19.5	1.4	2.2	23.0	13.5	25
23	17.5	18.0	18.5	19.5	2.2	2.7	23.9	14.3	27
24	17.6	18.0	18.8	19.5	2.8	2.0	21.9	15.2	40
25	18.0	18.4	18.7	19.5	1.1	1.6	21.5	16.3	59
26	18.8	19.0	19.1	19.6	0.8	2.6	23.5	16.8	18
27	18.0	19.0	19.5	19.7	1.4	2.2	25.0	13.9	60
28	16.0	17.2	19.0	19.8	3.1	3.4	19.5	9.0	137
29	15.9	16.8	18.8	19.8	2.4	2.5	21.0	10.0	13
30	17.3	17.9	18.6	19.7	2.3	3.3	24.0	12.1	20
31	17.8	18.0	18.6	19.7	1.2	1.2	17.5	15.5	22
平均 MÉD	15.8	16.7	18.1	19.7			20.7	11.4	
全月 MÊS					59.7	65.3	25.0	6.0	1274

# 遙距觀測站 ESTAÇÕES TELEMÉTRICAS

大炮台山

**Fortaleza do Monte**

紀念孫中山市政公園

**Parque Municipal Dr. Sun Yat Sen**

路環分站

**Delegação ( Coloane )**

澳門教科文中心

**Centro Unesco de Macau**

嘉樂庇總督大橋

**Ponte Governador Nobre de Carvalho**

友誼大橋北峰

**Ponte de Amizade Norte**

友誼大橋南峰

**Ponte de Amizade Sul**

氣溫 (°C)

TEMPERATURA DO AR (°C)

AIR TEMPERATURE (°C)

	大炮台山			紀念孫中山市政公園			路環分站		
	Fortaleza do Monte			Parque Municipal Dr. Sun Yat Sen			Delegação de Coloane		
	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN
1	14.0	12.9	11.9	14.6	13.3	12.2	15.2	13.6	12.6
2	16.9	15.2	12.8	17.5	15.6	13.0	17.4	15.9	13.7
3	17.4	13.1	10.0	18.1	13.5	10.4	17.8	13.5	10.8
4	18.2	13.6	9.1	19.3	14.0	8.8	18.7	14.0	10.2
5	16.0	14.2	12.5	17.3	14.7	12.8	16.4	14.7	12.8
6	13.7	9.6	6.3	13.9	9.8	6.4	14.3	10.3	6.7
7	12.2	8.8	6.2	13.0	9.2	6.6	13.0	9.5	7.2
8	15.0	10.3	6.4	16.3	10.8	6.4	15.2	10.7	6.9
9	18.2	13.3	9.3	19.6	13.6	8.8	18.1	13.6	9.7
10	17.7	13.3	10.1	18.6	13.5	9.7	17.9	13.8	10.5
11	18.2	13.7	10.0	19.2	13.9	10.0	17.4	13.5	10.6
12	17.5	14.1	10.5	18.8	14.1	9.7	18.7	13.7	10.8
13	19.6	15.0	10.3	21.3	14.7	9.4	20.9	14.2	8.8
14	20.5	16.3	12.2	22.1	16.0	11.2	21.8	15.8	10.0
15	18.5	16.1	14.1	19.6	16.2	12.7	19.3	16.5	13.8
16	17.5	15.7	14.5	19.6	16.2	14.2	19.3	16.0	13.5
17	21.0	17.0	13.8	22.8	16.8	12.3	22.4	16.3	12.0
18	21.8	17.9	15.4	23.2	17.7	13.6	22.4	17.7	13.1
19	23.6	18.6	14.0	24.7	18.1	13.6	24.1	17.5	13.1
20	19.2	17.7	16.1	21.1	17.3	14.8	20.9	16.7	14.1
21	18.0	16.7	15.2	19.8	16.9	14.8	19.1	16.8	14.4
22	21.2	17.2	13.5	22.2	17.1	12.9	21.9	17.1	13.1
23	19.6	17.5	16.3	20.5	17.8	15.9	19.1	17.6	16.5
24	17.5	16.6	16.1	18.4	17.3	16.5	18.0	17.1	16.4
25	19.4	17.9	16.5	21.0	18.6	17.2	20.3	18.4	16.9
26	22.9	19.5	17.7	23.2	20.2	18.4	23.0	19.6	17.9
27	19.7	13.9	11.0	20.2	14.2	11.0	19.8	14.4	11.5
28	15.8	12.6	9.8	17.4	12.9	9.9	16.5	12.5	10.4
29	17.5	14.5	11.3	18.4	14.7	10.5	18.8	14.8	10.2
30	16.9	16.1	15.2	17.5	16.6	15.4	17.4	16.6	15.6
31	20.7	17.7	16.4	21.7	18.4	16.6	22.5	18.3	16.9
平均 MÉD	18.3	15.1	12.4	19.4	15.3	12.1	19.0	15.2	12.3
全月 MÊS	23.6		6.2	24.7		6.4	24.1		6.7

相對濕度 ( % )

HUMIDADE RELATIVA ( % )

RELATIVE HUMIDITY ( % )

	大炮台山			紀念孫中山市政公園			路環分站		
	Fortaleza do Monte			Parque Municipal Dr. Sun Yat Sen			Delegação de Coloane		
	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN
1	81	73	68	88	79	72	80	71	63
2	79	73	66	88	79	72	78	72	65
3	87	63	37	93	69	40	86	63	36
4	69	54	34	79	59	35	69	54	36
5	63	51	43	68	56	44	65	52	42
6	88	72	54	96	78	59	85	71	54
7	87	70	56	95	76	59	82	68	54
8	77	66	49	85	71	50	76	65	50
9	75	62	49	84	68	49	76	62	50
10	70	57	42	78	63	44	67	56	41
11	58	45	30	65	50	33	59	48	36
12	71	45	30	80	51	32	80	49	29
13	73	54	27	86	64	30	84	62	26
14	68	53	31	84	62	33	81	57	31
15	77	58	40	82	66	43	75	59	44
16	78	71	55	88	77	59	83	70	52
17	79	63	42	92	72	40	85	68	37
18	75	60	34	84	69	38	82	63	39
19	83	61	29	93	71	32	85	65	27
20	76	68	59	89	79	64	83	72	56
21	82	71	61	92	79	60	84	70	59
22	79	70	55	91	79	55	81	71	49
23	85	60	34	93	66	38	83	61	36
24	83	77	64	89	82	70	80	74	67
25	88	85	78	94	90	82	84	80	73
26	90	86	72	97	92	80	87	82	70
27	90	59	44	97	65	48	87	59	44
28	55	44	33	68	51	35	60	46	31
29	70	57	45	78	65	46	72	59	45
30	81	73	64	88	80	71	77	69	60
31	87	78	65	93	84	69	84	75	58
平均 MÉD	78	64	48	86	71	51	79	64	47
全月 MÊS	90		27	97		30	87		26

雨量 (毫米)

PRECIPITAÇÃO ( mm )

RAINFALL ( mm )

	大炮台山		紀念孫中山市政公園		路環分站		澳門教科文中心	
	Fortaleza do Monte		Parque Municipal Dr. Sun Yat Sen		Delegação de Coloane		Centro Unesco de Macau	
	總數 TOTAL	時最高 MÁX 1h	總數 TOTAL	時最高 MÁX 1h	總數 TOTAL	時最高 MÁX 1h	總數 TOTAL	時最高 MÁX 1h
1	0.6	0.2	0.2	0.2	0.0	0.0	0.0	0.0
2	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
3	1.2	0.6	1.0	0.6	0.6	0.4	1.0	0.8
4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
6	7.8	2.8	8.6	2.8	9.2	2.2	7.8	2.8
7	0.8	0.4	0.0	0.0	0.0	0.0	0.4	0.4
8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
9	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
10	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
11	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
12	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
13	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
14	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
15	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
16	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
17	1.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0
18	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
19	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
20	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
21	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0
22	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
23	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0
24	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
25	1.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0
26	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
27	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
28	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
29	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
30	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
31	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
最高 MÁX	7.8	2.8	8.6	2.8	9.2	2.2	7.8	2.8
總數 TOTAL	29.8		9.8		9.8		9.2	

風  
VENTO  
WIND

大炮台山

Fortaleza do Monte

	盛行風向 Direcção predominante	平均風速 ( km/h ) Velocidade média	最高陣風 ( km/h ) Rajada máxima
1	NW	10.0	24.8
2	NW	9.4	42.8
3	NW	15.3	51.5
4	NW	10.1	32.0
5	NNE	10.4	37.1
6	NW	15.4	45.7
7	NW	16.3	43.9
8	NW	11.0	33.1
9	NW	8.6	29.9
10	NW	11.2	30.2
11	NW	10.2	33.1
12	NW	6.5	20.5
13	NW	4.5	19.4
14	E	5.3	20.5
15	E	8.7	27.7
16	E	5.6	21.2
17	NW	4.6	18.4
18	E	5.3	23.4
19	NW	3.7	15.5
20	E	4.5	22.7
21	E	8.3	34.6
22	NW	4.8	15.5
23	NW	8.7	30.6
24	E	12.8	41.0
25	E	9.2	37.4
26	ESE	4.9	20.5
27	NW	22.4	64.8
28	NNW	10.6	47.9
29	NE	7.7	25.2
30	ENE	8.8	30.6
31	NE	6.2	21.6

平均  
MÉD

9.1

最高  
MÁX

22.4

64.8

紀念孫中山市政公園

Parque Municipal Dr. Sun Yat Sen

	盛行風向 Direcção predominante	平均風速 ( km/h ) Velocidade média	最高陣風 ( km/h ) Rajada máxima
	NNE	1.9	17.3
	NE	3.7	29.9
	NNE	7.4	30.2
	NE	3.6	28.1
	NE	6.0	33.5
	NNE	7.8	34.6
	NNE	8.1	33.1
	NNE	4.0	23.4
	C	2.1	15.5
	NNE	4.0	23.8
	NNE	4.4	22.7
	NE	2.5	16.9
	C	1.9	15.8
	C	2.0	14.0
	SE	3.7	25.9
	SE	3.6	15.5
	C	2.4	14.8
	SE	2.8	21.6
	WSW	2.1	18.4
	C	2.6	20.2
	SE	3.7	27.7
	WSW	2.5	14.8
	NE	3.5	20.2
	ENE	5.3	29.2
	SE	4.6	23.4
	SSE	3.7	15.8
	NNE	11.6	41.8
	NNE	5.8	33.5
	NE	3.4	16.6
	NE	4.4	21.0
	NE	4.1	17.3

4.2

11.6

41.8

風  
VENTO  
WIND

嘉樂庇總督大橋

Ponte Governador Nobre de Carvalho

	盛行風向 Direcção predominante	平均風速 ( km/h ) Velocidade média	最高陣風 ( km/h ) Rajada máxima
1	N	9.1	32.4
2	NNE	14.7	46.8
3	N	18.4	50.4
4	N	12.5	39.6
5	N	15.8	46.8
6	NNE	23.2	57.6
7	N	18.1	54.0
8	N	13.1	36.0
9	NNW	10.9	28.8
10	NW	14.5	32.4
11	N	12.6	36.0
12	N	8.4	28.8
13	E	5.3	25.2
14	ENE	6.5	21.6
15	ESE	17.8	36.0
16	E	10.2	28.8
17	NE	6.3	18.0
18	ESE	5.7	28.8
19	NE	5.1	18.0
20	NE	6.0	21.6
21	E	17.7	46.8
22	WSW	6.8	21.6
23	NE	14.2	32.4
24	E	29.6	54.0
25	E	18.3	46.8
26	ESE	7.5	28.8
27	N	26.9	68.4
28	NNE	17.1	50.4
29	E	12.4	32.4
30	E	20.8	39.6
31	NE	11.8	25.2

平均  
MÉD

13.5

最高  
MÁX

29.6

68.4

友誼大橋北峰

Ponte de Amizade Norte

	盛行風向 Direcção predominante	平均風速 ( km/h ) Velocidade média	最高陣風 ( km/h ) Rajada máxima
	N	12.8	30.0
	NNE	16.2	45.4
	N	22.7	47.9
	N	16.3	37.1
	N	19.1	44.3
	N	26.2	45.7
	N	23.0	43.2
	N	15.8	33.5
	N	13.8	29.9
	NNW	15.3	33.1
	N	16.8	38.2
	N	9.9	22.7
	ESE	5.8	20.5
	NNE	7.9	28.4
	NNE	18.5	39.6
	E	11.0	32.4
	SE	5.8	18.0
	N	7.0	27.4
	NE	4.7	19.1
	NNE	6.1	20.2
	E	17.6	46.8
	SW	7.1	23.0
	N	14.7	33.5
	E	29.5	50.4
	ESE	19.6	47.5
	SE	8.4	22.7
	N	31.1	58.7
	N	20.2	50.4
	NNE	11.6	30.0
	E	20.1	39.6
	NE	9.6	22.7

15.0

31.1

58.7

風  
VENTO  
WIND

友誼大橋南峰

Ponte de Amizade Sul

	盛行風向 Direcção predominante	平均風速 ( km/h ) Velocidade média	最高陣風 ( km/h ) Rajada máxima
1	N	12.7	30.0
2	N	18.1	51.5
3	N	23.2	47.9
4	N	17.1	38.2
5	N	20.1	41.8
6	N	28.0	47.9
7	N	23.6	44.3
8	N	16.2	33.5
9	NNW	13.5	28.8
10	NNW	16.5	29.9
11	N	17.3	37.1
12	N	10.5	23.8
13	N	6.2	21.6
14	NNE	9.3	28.8
15	NNE	19.6	38.2
16	E	11.8	30.0
17	N	6.4	18.0
18	N	7.7	27.4
19	NNE	6.0	22.3
20	N	7.3	20.2
21	E	19.9	47.9
22	WSW	8.0	20.9
23	N	16.2	32.0
24	E	30.9	58.7
25	ESE	20.5	47.9
26	SE	9.6	23.8
27	N	32.1	59.0
28	N	20.5	50.8
29	N	12.7	30.2
30	E	21.0	38.2
31	NNE	11.5	24.8
平均 MÉD		15.9	
最高 MÁX		32.1	59.0