

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 diários 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

觀測站及信號懸掛點分佈圖

CARTA DOS LOCAIS COM OBSERVAÇÕES E MASTROS DE SINAIS DE TEMPESTADE



# 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		
澳門污水廠 E.T.A.R de Macau	22° 12'30"	113° 33'24"	7,00			1,5	1,0	7,0	7,0
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**

## 2003 年部份氣象要素之月及年統計值

## RESULTADOS MENSIS E ANNUAL DE ALGUNS ELEMENTOS METEOROLÓGICOS EM 2003

## MONTHLY AND ANNUAL STATISTIC OF SELECTED METEOROLOGICAL PARAMETERS FOR 2003

	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	1029.5	1028.7	1025.3	1018.8	1017.0	1012.2	1014.0	1012.8	1015.0	1021.5	1025.4	1030.6	1030.6	12-20
平均 Média	1021.6	1018.9	1017.3	1012.6	1008.9	1006.4	1008.2	1005.7	1009.2	1015.4	1017.5	1022.3	1013.7	
絕對最低 Mínima absoluta	1011.6	1012.7	1006.3	1005.3	1001.8	1000.6	994.2	998.8	987.6	1007.8	1011.2	1016.7	987.6	09-02
平均日較差 Variação média diurna	4.3	3.9	4.0	4.0	3.7	3.3	3.6	3.7	4.2	3.9	4.1	4.4	3.9	
<b>氣溫 ( °C )</b>														
<b>Temperatura do ar ( °C )</b>														
絕對最高 Máxima absoluta	25.1	27.7	26.1	31.8	33.4	32.0	35.4	34.1	33.9	32.2	31.1	27.7	35.4	07-23
平均最高 Média das máximas	19.3	21.2	21.1	25.8	29.1	29.6	32.4	31.4	30.4	28.7	25.2	21.4	26.3	
平均 Média	15.3	17.8	18.3	23.3	26.4	27.0	29.0	28.4	27.2	24.9	21.5	16.8	23.0	
平均最低 Média das mínimas	12.4	15.8	16.4	21.6	24.7	24.9	26.6	26.0	25.1	22.3	19.0	13.6	20.7	
絕對最低 Mínima absoluta	6.2	10.8	8.0	17.4	21.9	22.7	25.5	23.9	23.0	18.5	11.2	8.1	6.2	01-07
平均日較差 Variação média diurna	6.9	5.4	4.7	4.1	4.4	4.6	5.8	5.3	5.3	6.4	6.2	7.8	5.6	
<b>相對濕度 ( % )</b>														
<b>Humidade relativa</b>														
平均 Média	71	83	85	87	82	83	76	81	81	70	73	62	78	
絕對最低 Mínima absoluta	33	38	54	48	50	38	55	52	47	34	28	27	27	12-19
雲量 ( 0 -10 ) Nebulosidade ( 0 -10 )	45.0	72.0	81.0	78.0	74.0	73.0	50.0	67.0	60.0	33.0	43.0	19.0	58.0	
日照量 (h) Insolação (h)	181.6	96.9	71.7	105.5	138.8	128.1	316.8	196.5	175.7	213.0	157.9	224.7	2007.2	
<b>雨量 ( mm )</b>														
<b>Precipitação ( mm )</b>														
總數 Total	8.6	3.6	34.6	70.2	266.4	420.4	33.0	237.4	367.4	41.8	3.8	2.8	1490.0	
降雨日數 Número de dias com precipitação	3	4	13	11	9	18	9	21	14	3	3	2	110	
最高日雨量 (b) Máxima diária	7.4	2.0	12.0	32.8	142.0	94.8	11.8	30.4	95.6	40.0	2.0	1.4	142.0	05-05
最高時雨量 (a) Máxima horária	2.0	1.4	2.0	12.2	59.2	37.8	2.8	16.4	29.6	14.2	1.0	0.8	59.2	05-25
<b>風</b>														
<b>Vento</b>														
盛行風向 Direcção predominante	N	N	SE	ESE	SE	S	S	S	SE	N	N	N	N	
平均風速 ( km/h ) Velocidade média	16.4	14.1	17.0	16.4	17.6	15.6	16.6	14.1	16.6	15.0	17.5	16.7	16.1	
最高陣風 ( km/h ) Rajada máxima ( km/h )	66	59	84	57	59	68	141	95	105	63	71	73	141	07-24

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	27.4	0.1
Média		
平均最高	30.9 (a)	0.9
Média das máximas		
平均最低	25.0	0.1
Média das mínimas		
雨量 (mm)		
Precipitação (mm)		
自一月起之累積雨量	1514.4	-413.8
平均相對濕度 (%)		
Humidade relativa média (%)		
	74 (b)	-5
蒸發量 (mm)		
Evaporação (mm)		
	92.7	-14.3
日照量 (h)		
Insolação (h)		
	207.7	25.5
風		
Vento		
盛行風向及其平均風速	N	16.4
Direcção predominante		
平均風速 (km/h)	12.3	
Velocidade média		

(a) 自1992年以來，該月份最高。

(a) A mais elevado do mês desde 1992

(b) 自1991年以來，該月份最低。

(b) A mais baixa do mês desde 1991

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	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	日期
	JAN	FEV	MAR	ABR	MAI	JUN	JUL	AGO	SET	OUT	NOV	DEZ	ANO	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														
雲量 ( 0 -10 )	6.4	7.8	8.4	8.6	8.1	7.8	7.1	7.3	6.8	5.7	5.3	5.2	7.0	
Nebulosidade ( 0 -10 )														
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	32.5	
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	141	152	211	132	96	91	211	1964-09-05
Rajada máxima ( km/h )														

## 總結 9 月天氣狀況

本月比正常乾燥及稍為少雨，月平均相對濕度為 74%，比正常值低 5%，這是自 1991 年以來 9 月份之最低記錄。月總降雨量為 188.4 毫米，比正常值少 5.7 毫米，而本年首 9 個月的累積總降雨量為 1514.4 毫米，亦比正常值少 413.8 毫米。月平均氣溫為攝氏 27.4 度，比正常值高 0.1 度。

月初受中國東南部的高壓脊影響，除一兩陣驟雨外，大致天晴。6 日，位於東海的颱風“桑達”相聯繫的一道低壓槽在廣東沿岸形成，帶來多雲有雨的天氣，翌日有薄霧及煙霞，同時錄得本月最高氣溫為攝氏 33.9 度。

8 日，徘徊在廣東沿岸的低壓槽再次增強，為本澳帶來不穩定有大雷雨的天氣，並同時錄得本月最高日降雨量為 82.6 毫米。翌日仍然有雨，並同時錄得本月最低氣溫為攝氏 22.4 度。

10 日，仍然多雲但雨勢減弱。隨後多天由於再次受著中國東南部的高壓脊向西伸展的影響，都是天晴炎熱及乾燥的天氣。14 日至 16 日有煙霞。17 至 19 日有幾陣驟雨。

20 日，持續天晴及炎熱，21 日晚間一道冷鋒橫過華南沿岸，天氣變成不穩定，有幾陣雷雨。隨後的日子都受到中國大陸性氣流在華南沿岸的影響，大致天晴，炎熱及乾燥。28 日至 29 日有煙霞，本月最後一日由於受偏東氣流影響有幾陣驟雨。

## **RESUMO DO ESTADO DO TEMPO EM MACAU NO MÊS DE SETEMBRO DE 2004**

O mês de Setembro foi menos chuvoso e seco do que o normal. O valor de humidade relativa média do mês de 74 por cento foi em 5 por cento abaixo do valor normal e constituiu o valor mais baixo desde 1991. O valor mensal de precipitação registada foi de 188,4 milímetros, valor este inferior em 5,7 milímetros do valor normal. A precipitação acumulada até Setembro de 1514,4 milímetros foi em 413,8 milímetros abaixo do valor normal. A temperatura média do ar de 27,4 graus Celsius foi em 0,1 graus Celsius acima do valor normal.

No início do mês, pela influência de uma crista de altas pressões localizado no Sueste da China, o tempo foi geralmente pouco nublado exceptuando com alguns aguaceiros. No dia 6, um vale depressionário formado nas regiões costeiras de Guangdong e associado ao tufão “Songda” localizado no Mar de Leste, trouxe céu muito nublado com aguaceiros. Registou-se neblina e bruma seca no dia seguinte com a temperatura máxima registada do mês de 33,9 graus Celsius.

No dia 8, o tempo instável persistiu pela intensificação do vale depressionário, trouxe tempo instável com aguaceiros fortes e acompanhados de trovoadas e tendo registado a precipitação máxima diária de 82,6 milímetros. Houve ainda aguaceiros no dia seguinte e também registou-se a temperatura mínima do mês de 22,4 graus Celsius.

Mesmo que se tenha enfraquecido a intensidade de precipitação no dia 10, o tempo manteve-se muito nublado. Pela nova influência do prolongamento para oeste de uma crista de altas pressões, o tempo tornou-se pouco nublado, quente e seco e persistiu-se para os dias seguintes. Ocorreu-se bruma seca nos dias 14 a 16 e houve com alguns aguaceiros nos dias 17 a 19.

O tempo manteve-se pouco nublado e quente no dia 20. Pela passagem de uma frente fria na costa meridional chinesa, o tempo tornou-se instável com aguaceiros fortes e acompanhados de trovoadas. A chegada de uma corrente de ar seco proveniente do continente chinês, o tempo tornou-se geralmente pouco nublado, quente e seco nos dias seguintes. Ocorreu-se bruma seca nos dias 28 a 29. Pela influência de uma corrente de Leste, registou-se alguns aguaceiros no último dia do mês.

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>
<b>1</b>	993.7	993.3	992.9	992.6	992.9	993.2	993.8	994.5	994.9	995.4	995.3	995.0	994.5	994.2
<b>2</b>	996.1	995.8	995.2	994.9	995.1	995.1	995.6	996.2	996.8	997.3	997.5	997.2	996.9	996.1
<b>3</b>	996.7	996.2	996.1	996.3	996.2	996.3	996.7	997.2	997.3	997.5	997.5	997.1	996.8	996.1
<b>4</b>	996.0	995.6	995.4	994.8	994.8	994.8	995.1	995.4	995.8	995.8	995.9	995.5	994.7	993.8
<b>5</b>	993.3	992.8	992.4	992.2	992.2	992.2	992.6	993.0	993.5	993.7	993.1	992.6	991.9	991.2
<b>6</b>	991.6	991.4	990.9	990.6	990.5	991.1	991.3	991.7	991.9	992.0	992.1	992.1	990.5	989.4
<b>7</b>	991.3	991.1	990.2	990.7	990.9	991.1	991.4	991.6	991.9	992.3	992.0	992.0	991.0	990.4
<b>8</b>	992.7	992.3	991.6	991.3	991.8	992.1	992.2	992.6	992.8	993.9	993.8	993.4	992.7	991.5
<b>9</b>	992.3	991.8	991.5	991.3	991.8	992.2	992.4	993.8	994.3	994.4	994.7	994.6	994.5	993.9
<b>10</b>	996.0	995.2	994.7	994.5	995.0	995.3	995.7	996.1	996.6	996.8	996.8	996.2	995.2	994.7
<b>11</b>	996.0	995.8	995.4	995.2	995.4	995.6	995.7	996.0	996.3	996.6	996.9	996.3	995.8	995.1
<b>12</b>	995.9	995.7	995.6	995.8	996.0	996.5	997.1	997.7	998.3	998.4	998.3	997.7	997.5	996.9
<b>13</b>	998.9	998.4	998.0	997.7	997.7	997.9	998.4	998.9	999.1	999.5	999.5	998.8	998.4	997.5
<b>14</b>	998.0	997.6	997.3	996.8	996.8	996.6	997.1	997.2	997.5	997.5	997.4	996.9	996.4	995.6
<b>15</b>	995.9	995.4	995.3	995.1	995.1	995.3	995.7	996.3	996.7	996.6	997.0	996.6	996.1	995.4
<b>16</b>	998.1	998.1	998.1	998.2	998.4	998.8	999.2	999.9	1000.6	1000.7	1000.8	1000.7	1000.0	999.4
<b>17</b>	1001.3	1001.0	1000.7	1000.3	1000.4	1000.7	1001.1	1001.8	1002.3	1002.7	1002.7	1002.2	1001.7	1001.1
<b>18</b>	1001.4	1000.9	1000.8	1000.5	1000.7	1000.9	1001.4	1002.0	1002.6	1002.6	1002.6	1002.2	1001.5	1000.8
<b>19</b>	1000.7	1000.4	1000.2	999.7	999.7	1000.1	1000.5	1001.1	1001.9	1002.3	1002.7	1002.2	1001.5	1001.1
<b>20</b>	1001.2	1000.7	1000.4	1000.2	1000.5	1000.9	1001.5	1002.5	1003.3	1003.6	1003.6	1003.1	1002.6	1001.5
<b>21</b>	1001.5	1001.2	1001.1	1001.1	1001.4	1001.7	1002.1	1002.7	1002.9	1003.1	1002.9	1002.3	1001.3	1000.4
<b>22</b>	1000.1	1000.2	999.7	999.6	999.8	1000.4	1000.7	1001.2	1001.5	1001.6	1001.7	1001.3	1000.8	1000.0
<b>23</b>	999.4	998.9	998.8	998.6	998.8	999.1	999.8	1000.5	1000.7	1000.8	1001.0	1000.4	999.6	998.9
<b>24</b>	1000.0	999.8	999.6	999.2	999.2	999.8	1000.2	1000.9	1000.9	1001.7	1002.3	1001.3	1000.9	1000.3
<b>25</b>	1000.7	1000.2	999.9	999.5	999.7	1000.1	1000.5	1001.2	1001.8	1002.2	1002.3	1001.8	1000.9	1000.1
<b>26</b>	1001.1	1000.8	1000.2	999.9	1000.3	1000.7	1001.3	1001.8	1002.3	1002.4	1002.0	1001.1	1000.3	999.2
<b>27</b>	999.6	999.5	999.4	999.2	999.4	999.8	1000.4	1001.0	1001.3	1001.3	1001.1	1000.4	999.7	998.8
<b>28</b>	998.8	998.3	998.0	997.9	997.7	998.0	998.3	998.7	999.1	999.4	999.5	999.0	998.3	997.6
<b>29</b>	999.9	999.7	999.6	999.7	1000.0	1000.3	1000.7	1001.3	1001.5	1001.8	1001.7	1001.3	1000.5	999.6
<b>30</b>	1001.7	1001.5	1001.3	1001.2	1001.4	1002.0	1002.6	1003.1	1003.4	1003.5	1003.6	1002.9	1002.0	1001.3

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	994.0	993.5	993.4	993.5	993.9	994.3	995.0	996.0	996.2	996.5	994.3	996.5	992.6
2	995.7	995.3	994.8	994.6	995.6	996.2	997.0	997.5	997.5	997.1	996.1	997.7	994.6
3	995.8	995.1	994.7	994.8	995.0	995.6	996.0	996.4	996.5	996.4	996.3	997.6	994.6
4	992.9	992.3	992.2	992.4	992.8	992.9	993.6	993.9	993.6	993.3	994.3	996.3	992.1
5	990.6	990.0	989.7	990.3	990.6	991.1	991.6	992.2	992.2	992.1	992.0	993.7	989.6
6	989.0	989.1	989.3	989.6	989.7	991.2	992.2	992.6	992.5	992.4	991.0	992.6	988.9
7	990.0	990.1	989.8	989.6	990.4	991.3	992.6	993.0	992.9	992.7	991.3	993.2	989.4
8	991.0	990.8	990.4	990.9	991.2	992.0	992.7	993.2	993.3	993.0	992.2	994.0	990.4
9	993.8	993.6	993.6	994.1	994.7	995.1	995.8	996.5	996.7	996.7	993.9	996.9	991.3
10	994.4	994.4	994.5	994.8	995.1	995.5	995.9	996.2	996.5	996.2	995.5	996.9	994.3
11	994.9	994.6	994.8	995.0	995.3	995.6	996.6	997.1	996.8	996.5	995.8	997.2	994.5
12	996.5	996.3	996.6	997.1	997.4	998.0	998.7	999.4	999.6	999.4	997.4	999.6	995.5
13	996.8	996.5	996.1	996.5	997.3	997.9	998.5	998.8	998.8	998.4	998.1	999.7	996.1
14	995.2	994.8	994.7	994.9	995.0	995.4	995.9	996.2	996.1	996.1	996.4	998.3	994.7
15	994.9	994.6	994.8	995.0	995.6	996.1	997.0	997.6	997.8	998.0	996.0	998.0	994.5
16	998.8	998.6	998.8	999.3	999.7	1000.2	1000.9	1001.5	1001.5	1001.3	999.6	1001.6	997.9
17	1000.8	1000.5	1000.7	1001.3	1001.0	1000.8	1001.4	1002.1	1002.3	1001.6	1001.4	1002.9	1000.2
18	1000.1	999.3	999.1	999.2	999.5	1000.0	1001.1	1001.5	1001.3	1001.0	1001.0	1002.7	998.9
19	1000.2	1000.3	1000.3	1000.0	1000.2	1000.7	1001.3	1001.7	1001.7	1001.4	1000.9	1002.7	999.5
20	1000.9	1000.3	1000.2	1000.2	1000.6	1000.8	1001.5	1002.1	1001.8	1001.6	1001.5	1003.7	1000.2
21	999.5	999.0	999.1	999.0	1000.1	1000.8	1002.0	1002.5	1000.9	999.9	1001.2	1003.2	998.8
22	999.2	999.0	998.7	998.9	999.1	999.4	1000.1	1000.3	1000.2	1000.1	1000.2	1001.8	998.7
23	998.3	997.8	997.9	998.5	998.8	999.6	1000.5	1000.6	1000.6	1000.3	999.5	1001.1	997.7
24	999.6	999.6	999.5	999.7	1000.0	1000.5	1001.2	1001.4	1001.5	1001.3	1000.4	1002.4	999.1
25	999.3	999.1	999.1	999.3	999.9	1000.7	1001.4	1002.0	1001.5	1001.6	1000.6	1002.3	999.1
26	998.3	997.9	998.2	998.6	998.8	999.4	1000.0	1000.1	1000.1	1000.1	1000.2	1002.5	997.9
27	998.1	997.7	997.6	997.8	998.0	998.5	999.1	999.5	999.6	999.2	999.4	1001.4	997.6
28	997.1	996.9	997.0	997.2	997.8	998.4	999.3	999.8	1000.2	1000.1	998.4	1000.3	996.9
29	999.0	998.8	998.9	999.0	999.6	1000.4	1001.2	1001.7	1001.9	1002.0	1000.4	1002.0	998.7
30	1000.7	1001.0	1000.7	1001.0	1001.5	1002.1	1002.5	1003.0	1003.2	1003.0	1002.1	1003.7	1000.5
平均 MÉD											997.6	999.4	995.8
全月 MÉS												1003.7	988.9

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	1006.8	1006.4	1006.0	1005.7	1006.0	1006.3	1006.9	1007.6	1007.9	1008.4	1008.3	1008.0	1007.4	1007.1
2	1009.2	1008.9	1008.3	1008.0	1008.2	1008.2	1008.7	1009.3	1009.8	1010.3	1010.5	1010.2	1009.9	1009.0
3	1009.8	1009.3	1009.2	1009.4	1009.3	1009.4	1009.8	1010.3	1010.4	1010.5	1010.5	1010.1	1009.8	1009.0
4	1009.1	1008.7	1008.5	1007.9	1007.9	1007.9	1008.2	1008.5	1008.8	1008.8	1008.9	1008.5	1007.6	1006.7
5	1006.4	1005.9	1005.5	1005.3	1005.3	1005.3	1005.7	1006.0	1006.5	1006.6	1006.0	1005.4	1004.7	1004.0
6	1004.6	1004.4	1003.9	1003.6	1003.5	1004.1	1004.3	1004.7	1004.9	1004.9	1005.0	1005.1	1003.4	1002.2
7	1004.4	1004.2	1003.3	1003.8	1004.0	1004.2	1004.5	1004.6	1004.9	1005.2	1004.9	1004.8	1003.8	1003.2
8	1005.8	1005.4	1004.7	1004.4	1004.9	1005.2	1005.3	1005.7	1005.9	1007.0	1007.0	1006.5	1005.8	1004.6
9	1005.4	1004.9	1004.7	1004.5	1005.0	1005.5	1005.7	1007.1	1007.6	1007.7	1007.9	1007.8	1007.7	1007.1
10	1009.3	1008.5	1008.0	1007.8	1008.3	1008.6	1009.0	1009.4	1009.9	1010.1	1010.0	1009.4	1008.3	1007.8
11	1009.2	1009.0	1008.6	1008.4	1008.6	1008.9	1009.0	1009.2	1009.5	1009.8	1010.0	1009.4	1008.8	1008.1
12	1009.1	1008.9	1008.8	1009.1	1009.3	1009.8	1010.4	1011.0	1011.6	1011.6	1011.5	1010.8	1010.5	1009.9
13	1012.1	1011.6	1011.2	1010.9	1010.9	1011.1	1011.7	1012.1	1012.3	1012.6	1012.6	1011.8	1011.4	1010.5
14	1011.2	1010.8	1010.5	1010.0	1010.0	1009.9	1010.4	1010.4	1010.6	1010.5	1010.4	1009.9	1009.3	1008.5
15	1009.0	1008.5	1008.4	1008.3	1008.3	1008.5	1008.9	1009.5	1009.8	1009.6	1010.0	1009.5	1009.0	1008.3
16	1011.2	1011.3	1011.3	1011.4	1011.6	1012.0	1012.4	1013.1	1013.7	1013.8	1013.8	1013.7	1013.0	1012.4
17	1014.5	1014.2	1013.9	1013.5	1013.6	1013.9	1014.3	1015.0	1015.4	1015.8	1015.7	1015.2	1014.7	1014.1
18	1014.6	1014.1	1014.0	1013.7	1013.9	1014.1	1014.6	1015.2	1015.8	1015.7	1015.7	1015.3	1014.5	1013.8
19	1013.9	1013.6	1013.4	1012.9	1012.9	1013.3	1013.7	1014.3	1015.1	1015.5	1015.8	1015.3	1014.6	1014.2
20	1014.4	1013.9	1013.6	1013.4	1013.7	1014.1	1014.7	1015.7	1016.4	1016.7	1016.7	1016.2	1015.6	1014.5
21	1014.7	1014.4	1014.3	1014.3	1014.6	1014.9	1015.3	1015.9	1016.1	1016.2	1016.0	1015.3	1014.3	1013.4
22	1013.4	1013.5	1013.0	1012.9	1013.1	1013.7	1014.0	1014.5	1014.7	1014.8	1014.8	1014.4	1013.9	1013.0
23	1012.6	1012.1	1012.0	1011.9	1012.1	1012.4	1013.1	1013.8	1013.9	1014.0	1014.1	1013.5	1012.7	1011.9
24	1013.2	1013.0	1012.8	1012.4	1012.4	1013.1	1013.4	1014.1	1014.1	1014.9	1015.5	1014.4	1014.0	1013.3
25	1013.9	1013.4	1013.1	1012.7	1012.9	1013.3	1013.7	1014.4	1015.0	1015.3	1015.4	1014.9	1014.0	1013.2
26	1014.4	1014.1	1013.5	1013.2	1013.6	1014.0	1014.6	1015.1	1015.5	1015.5	1015.1	1014.2	1013.3	1012.2
27	1012.8	1012.7	1012.7	1012.4	1012.7	1013.1	1013.7	1014.3	1014.5	1014.4	1014.2	1013.5	1012.7	1011.8
28	1012.0	1011.5	1011.2	1011.1	1010.9	1011.2	1011.5	1011.9	1012.2	1012.5	1012.5	1012.0	1011.2	1010.5
29	1013.1	1012.9	1012.8	1012.9	1013.2	1013.5	1013.9	1014.5	1014.6	1014.9	1014.7	1014.3	1013.5	1012.5
30	1014.9	1014.7	1014.5	1014.4	1014.6	1015.2	1015.8	1016.4	1016.7	1016.8	1016.9	1016.1	1015.2	1014.4

海平面氣壓 (百帕斯卡)

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

**ATMOSPHERIC PRESSURE AT MEAN SEA LEVEL ( hPa )**

	<b>15h</b>	<b>16h</b>	<b>17h</b>	<b>18h</b>	<b>19h</b>	<b>20h</b>	<b>21h</b>	<b>22h</b>	<b>23h</b>	<b>24h</b>	<b>平均 MÉD</b>	<b>最高 MÁX</b>	<b>最低 MÍN</b>
1	1007.0	1006.5	1006.4	1006.5	1006.9	1007.4	1008.1	1009.1	1009.3	1009.6	1007.3	1009.6	1005.7
2	1008.6	1008.2	1007.8	1007.6	1008.6	1009.3	1010.1	1010.6	1010.6	1010.3	1009.2	1010.6	1007.6
3	1008.7	1008.1	1007.7	1007.8	1008.0	1008.7	1009.1	1009.5	1009.6	1009.5	1009.3	1010.5	1007.7
4	1005.8	1005.2	1005.1	1005.3	1005.8	1005.9	1006.6	1007.0	1006.7	1006.4	1007.3	1009.1	1005.1
5	1003.4	1002.9	1002.6	1003.2	1003.6	1004.1	1004.6	1005.2	1005.2	1005.1	1004.9	1006.6	1002.6
6	1001.8	1001.9	1002.2	1002.6	1002.7	1004.3	1005.3	1005.7	1005.6	1005.5	1004.0	1005.7	1001.8
7	1002.8	1003.0	1002.8	1002.6	1003.4	1004.3	1005.6	1006.0	1005.9	1005.8	1004.2	1006.0	1002.6
8	1004.1	1003.9	1003.5	1004.0	1004.3	1005.1	1005.8	1006.4	1006.5	1006.1	1005.3	1007.0	1003.5
9	1007.0	1006.9	1006.9	1007.4	1008.0	1008.4	1009.1	1009.8	1010.0	1010.0	1007.2	1010.0	1004.5
10	1007.5	1007.5	1007.6	1008.0	1008.3	1008.7	1009.1	1009.4	1009.7	1009.4	1008.7	1010.1	1007.5
11	1008.0	1007.7	1007.9	1008.1	1008.5	1008.8	1009.8	1010.3	1010.0	1009.7	1009.0	1010.3	1007.7
12	1009.5	1009.3	1009.6	1010.2	1010.5	1011.2	1011.9	1012.6	1012.8	1012.6	1010.5	1012.8	1008.8
13	1009.7	1009.4	1009.1	1009.5	1010.4	1011.0	1011.6	1011.9	1012.0	1011.6	1011.2	1012.6	1009.1
14	1008.1	1007.7	1007.7	1007.9	1008.0	1008.5	1009.0	1009.3	1009.2	1009.2	1009.4	1011.2	1007.7
15	1007.8	1007.5	1007.8	1008.0	1008.7	1009.2	1010.1	1010.7	1010.9	1011.1	1009.0	1011.1	1007.5
16	1011.8	1011.6	1011.8	1012.4	1012.8	1013.3	1014.1	1014.7	1014.7	1014.5	1012.8	1014.7	1011.2
17	1013.8	1013.6	1013.8	1014.4	1014.2	1014.0	1014.6	1015.3	1015.5	1014.8	1014.5	1015.8	1013.5
18	1013.1	1012.3	1012.1	1012.3	1012.6	1013.2	1014.3	1014.7	1014.5	1014.2	1014.1	1015.8	1012.1
19	1013.3	1013.4	1013.4	1013.2	1013.4	1013.9	1014.5	1014.9	1014.9	1014.6	1014.1	1015.8	1012.9
20	1013.9	1013.3	1013.2	1013.3	1013.8	1014.0	1014.7	1015.3	1015.0	1014.8	1014.6	1016.7	1013.2
21	1012.5	1012.0	1012.2	1012.1	1013.2	1013.9	1015.3	1015.8	1014.2	1013.2	1014.3	1016.2	1012.0
22	1012.3	1012.1	1011.8	1012.0	1012.2	1012.6	1013.3	1013.5	1013.4	1013.3	1013.3	1014.8	1011.8
23	1011.3	1010.8	1010.9	1011.6	1011.9	1012.7	1013.7	1013.8	1013.8	1013.5	1012.7	1014.1	1010.8
24	1012.7	1012.7	1012.6	1012.9	1013.2	1013.7	1014.4	1014.6	1014.7	1014.5	1013.6	1015.5	1012.4
25	1012.4	1012.2	1012.2	1012.4	1013.1	1013.9	1014.6	1015.2	1014.8	1014.9	1013.8	1015.4	1012.2
26	1011.3	1010.9	1011.2	1011.7	1011.9	1012.5	1013.2	1013.3	1013.3	1013.3	1013.4	1015.5	1010.9
27	1011.1	1010.7	1010.6	1010.8	1011.1	1011.6	1012.2	1012.7	1012.8	1012.4	1012.6	1014.5	1010.6
28	1010.0	1009.8	1010.0	1010.3	1010.9	1011.5	1012.5	1013.0	1013.4	1013.3	1011.5	1013.4	1009.8
29	1011.9	1011.8	1011.9	1012.0	1012.7	1013.5	1014.4	1014.9	1015.1	1015.2	1013.5	1015.2	1011.8
30	1013.8	1014.1	1013.8	1014.2	1014.7	1015.3	1015.7	1016.2	1016.4	1016.2	1015.3	1016.9	1013.8
<b>平均 MÉD</b>											1010.7	1012.4	1008.9
<b>全月 MÉS</b>												1016.9	1001.8

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>	27.3	27.3	27.3	27.2	27.0	27.0	26.9	27.3	28.2	29.6	30.2	30.4	30.6	30.5
<b>2</b>	27.1	27.0	27.0	26.9	26.9	26.8	27.1	27.8	29.1	30.2	30.7	31.0	31.0	31.1
<b>3</b>	27.2	27.3	27.2	26.7	26.9	26.9	27.0	27.5	28.7	29.2	29.0	30.8	30.8	31.3
<b>4</b>	27.0	27.0	27.0	26.8	26.8	26.7	26.9	28.2	29.8	29.9	30.5	30.4	31.0	31.3
<b>5</b>	27.4	27.3	27.1	27.0	26.9	26.8	27.1	28.5	30.1	31.0	31.7	32.3	32.9	33.1
<b>6</b>	28.7	28.6	28.4	28.3	28.2	28.0	27.8	27.9	28.9	30.1	29.7	29.5	31.0	32.8
<b>7</b>	26.5	26.5	26.4	26.5	26.3	26.4	26.6	27.3	28.7	30.4	31.7	32.7	32.9	33.5
<b>8</b>	27.3	27.3	26.3	26.4	26.5	26.7	26.8	26.7	26.7	26.1	25.6	25.9	25.4	25.5
<b>9</b>	25.7	25.3	24.5	23.7	23.1	22.8	22.6	22.6	22.8	23.0	23.8	24.9	24.7	24.3
<b>10</b>	22.7	22.7	22.5	22.5	22.5	22.5	22.5	22.9	23.8	24.2	25.1	25.9	27.2	27.1
<b>11</b>	24.7	24.6	24.2	24.0	23.9	23.7	23.7	24.1	25.4	26.1	26.8	27.8	28.6	28.7
<b>12</b>	24.7	24.5	24.1	23.9	23.6	23.5	23.5	23.8	24.3	25.5	26.7	28.0	29.1	29.5
<b>13</b>	25.5	25.3	25.1	25.0	24.8	24.7	24.7	25.7	27.1	27.7	28.8	29.9	30.6	31.1
<b>14</b>	26.1	25.7	25.2	24.8	24.4	24.0	24.0	25.5	27.5	29.2	30.0	30.4	31.1	31.4
<b>15</b>	26.7	26.4	26.1	25.8	25.8	25.7	25.5	26.2	27.3	29.4	30.7	31.8	31.6	32.3
<b>16</b>	27.1	26.5	26.2	26.1	26.0	25.9	25.8	26.4	27.7	29.5	30.9	31.0	31.2	31.5
<b>17</b>	26.7	26.7	26.1	25.8	25.6	25.5	25.7	27.1	28.9	30.2	30.9	30.9	30.9	30.7
<b>18</b>	26.7	26.6	26.5	26.5	26.0	26.3	26.3	27.0	27.7	29.6	29.3	30.2	31.4	30.9
<b>19</b>	26.8	26.9	26.8	26.9	26.9	26.4	26.4	26.5	25.9	26.7	28.7	30.1	29.7	29.2
<b>20</b>	26.3	26.1	26.0	25.9	25.7	25.8	26.0	26.8	28.7	29.8	30.6	30.5	30.7	30.7
<b>21</b>	26.1	25.8	25.9	25.9	26.0	26.0	26.1	26.8	28.0	29.4	30.4	31.2	31.4	31.2
<b>22</b>	24.7	24.3	24.4	24.2	24.0	24.0	24.0	24.5	25.8	27.0	28.2	28.8	29.9	30.2
<b>23</b>	25.6	25.3	25.2	24.7	24.3	24.0	23.9	24.7	26.3	27.2	28.2	28.6	29.3	30.1
<b>24</b>	25.9	25.7	25.6	25.4	25.3	25.0	25.3	26.2	27.7	27.6	27.6	29.2	28.5	30.0
<b>25</b>	26.0	25.9	25.9	25.7	25.5	25.6	25.5	25.9	27.0	28.4	29.7	29.6	29.5	29.3
<b>26</b>	25.4	25.3	25.2	25.2	24.9	24.5	24.3	25.3	27.2	28.2	29.4	30.0	30.7	30.9
<b>27</b>	25.5	25.2	24.8	25.0	24.7	24.3	24.0	25.4	27.2	27.9	29.1	29.7	30.7	31.2
<b>28</b>	26.4	26.2	25.9	25.6	25.1	24.9	24.8	26.0	27.9	29.3	30.5	31.6	32.2	32.4
<b>29</b>	26.5	26.1	25.9	26.0	25.9	25.7	25.7	26.4	28.2	29.6	30.6	31.3	32.2	33.1
<b>30</b>	26.8	26.7	26.5	26.5	26.4	26.4	26.4	25.1	24.1	24.8	25.9	26.5	27.6	28.3

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	30.2	29.8	29.6	29.2	28.3	27.7	27.5	27.4	27.4	27.1	28.4	30.7	26.9
2	31.3	31.0	30.3	29.3	28.5	28.1	27.9	28.1	27.5	26.5	28.7	31.4	26.4
3	30.9	30.5	30.1	29.2	28.4	27.8	27.5	27.4	27.3	27.2	28.4	31.4	26.6
4	30.8	30.9	30.6	30.1	29.3	28.5	28.1	27.9	27.7	27.7	28.8	31.3	26.6
5	33.2	31.2	30.4	29.6	29.1	29.0	29.0	28.9	28.9	28.8	29.5	33.6	26.8
6	33.4	33.4	28.8	26.9	26.9	26.6	26.7	26.7	26.5	26.4	28.8	33.6	26.3
7	33.5	30.4	28.2	27.9	27.9	28.0	27.9	27.8	27.7	27.1	28.7	33.9	26.3
8	26.1	26.8	26.2	25.7	25.4	25.6	26.0	25.3	25.4	25.5	26.1	27.3	25.2
9	23.6	22.8	22.7	22.6	22.8	22.8	22.8	22.6	22.6	22.8	23.4	25.7	22.4
10	27.3	26.7	26.2	25.9	25.6	25.4	25.4	25.3	25.1	24.9	24.7	27.8	22.5
11	27.9	27.3	26.7	26.1	25.9	25.6	25.4	25.3	25.0	24.9	25.7	29.1	23.7
12	29.6	29.5	29.1	28.1	27.3	26.8	26.7	26.3	26.0	25.8	26.2	29.9	23.5
13	31.5	31.6	30.8	29.5	28.5	28.2	27.6	27.2	26.9	26.5	27.7	31.7	24.6
14	31.4	31.3	30.5	29.4	28.7	28.2	27.8	27.4	27.1	27.0	27.8	31.5	23.8
15	31.8	31.2	29.7	29.2	28.0	27.9	27.6	27.5	27.2	26.9	28.3	32.4	25.5
16	30.8	30.5	29.8	28.8	28.0	27.7	27.1	26.7	26.7	26.8	28.1	31.5	25.8
17	30.7	29.5	28.5	27.9	27.2	26.9	26.8	26.7	26.8	26.8	27.9	31.0	25.4
18	30.7	30.4	29.5	28.2	27.5	27.2	27.1	27.0	26.9	26.9	28.0	31.4	25.9
19	29.6	29.0	27.9	27.4	26.9	26.7	26.5	26.4	26.3	26.3	27.4	30.2	25.9
20	31.0	30.8	29.9	28.6	27.6	27.1	26.7	26.7	26.4	26.2	27.9	31.2	25.7
21	30.7	30.2	29.4	28.9	28.2	28.3	25.3	24.1	24.0	24.5	27.6	31.5	23.8
22	29.5	28.8	28.4	27.8	27.3	27.1	26.9	26.5	26.1	25.8	26.6	30.5	23.9
23	30.2	30.0	29.5	28.6	27.7	27.4	26.9	26.6	26.3	26.0	26.9	30.3	23.9
24	29.1	27.6	27.4	26.9	26.7	26.4	26.4	26.3	26.2	26.1	26.8	30.3	25.0
25	29.1	28.7	28.1	27.3	26.5	26.1	25.9	25.9	25.7	25.5	27.0	30.3	25.5
26	30.7	30.3	29.8	28.9	27.9	27.3	27.1	26.9	26.3	25.8	27.4	31.0	24.2
27	31.5	31.1	30.3	29.3	28.4	27.9	27.4	26.8	26.6	26.2	27.5	31.5	23.9
28	31.8	31.1	30.1	28.6	28.0	27.4	27.2	27.0	26.7	26.6	28.0	32.6	24.7
29	32.5	31.6	30.8	29.5	28.1	27.7	27.4	27.3	27.2	27.0	28.4	33.2	25.6
30	28.2	28.7	27.7	27.1	26.9	26.8	26.6	26.5	26.5	26.4	26.6	28.9	24.0
平均 MÉD											27.4	30.9	25.0
全月 MÉS												33.9	22.4

**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>	25.8	25.9	25.9	26.0	25.8	25.8	25.8	26.2	26.8	27.1	27.1	26.5	26.6	26.2
<b>2</b>	25.6	25.4	25.3	25.2	25.3	25.1	25.5	25.9	25.9	26.4	26.4	26.3	25.6	24.9
<b>3</b>	25.6	25.8	25.6	24.7	25.0	25.1	25.2	25.5	25.9	26.7	26.6	27.1	26.5	26.6
<b>4</b>	24.5	24.7	24.8	24.7	24.7	24.5	24.6	25.4	24.2	24.6	24.5	23.8	25.0	24.6
<b>5</b>	24.8	24.7	24.3	24.3	24.1	23.9	24.8	25.3	25.2	24.9	25.4	26.1	26.2	24.2
<b>6</b>	25.8	25.4	25.5	25.1	25.8	25.6	25.7	25.4	26.1	26.0	25.0	24.4	25.5	25.6
<b>7</b>	23.7	24.4	24.5	24.3	24.3	24.1	24.0	24.7	25.5	25.9	25.4	25.7	25.0	24.7
<b>8</b>	25.2	25.0	23.9	23.9	23.9	24.4	25.2	25.2	25.0	24.6	24.3	24.7	24.1	24.3
<b>9</b>	24.5	24.0	23.2	22.6	22.0	21.7	21.4	21.3	21.2	21.4	21.4	21.4	21.0	21.6
<b>10</b>	20.3	20.5	20.4	20.1	20.2	20.0	20.0	20.1	20.2	20.3	20.9	21.0	21.5	21.4
<b>11</b>	20.3	20.2	20.0	19.8	19.7	19.4	19.4	19.7	19.7	20.0	19.8	20.2	20.1	20.3
<b>12</b>	18.7	19.1	18.7	18.2	18.3	18.3	18.5	18.8	18.7	19.4	19.4	19.0	19.6	20.2
<b>13</b>	21.0	20.8	20.0	19.9	20.2	19.3	19.4	19.5	19.3	19.4	18.9	19.1	19.0	18.9
<b>14</b>	16.1	14.9	16.5	15.9	16.4	17.2	17.3	17.6	17.3	18.2	18.8	19.4	19.6	17.0
<b>15</b>	17.3	17.4	17.5	18.0	18.0	19.0	19.7	20.1	20.1	19.4	20.0	19.8	19.5	20.1
<b>16</b>	21.7	22.9	22.7	23.5	22.3	22.8	23.1	23.0	21.9	23.9	24.1	23.9	21.4	20.9
<b>17</b>	24.2	24.2	23.6	23.2	23.2	23.5	24.0	25.1	25.3	25.0	24.7	24.9	24.8	24.9
<b>18</b>	24.1	24.0	24.0	24.2	23.0	23.9	23.9	24.6	24.9	24.5	25.6	25.3	25.2	24.2
<b>19</b>	24.6	24.3	24.3	24.3	24.5	24.5	24.6	24.7	24.0	24.5	25.6	25.6	24.9	24.9
<b>20</b>	24.2	24.0	24.0	24.0	23.5	23.8	24.0	24.5	24.7	24.7	24.3	24.1	24.1	22.9
<b>21</b>	23.0	23.3	23.3	22.5	23.2	23.5	23.2	23.9	23.9	24.1	23.1	23.8	24.0	24.0
<b>22</b>	23.0	21.9	22.4	22.0	21.8	21.8	22.0	22.4	23.0	23.0	23.0	22.6	22.7	22.2
<b>23</b>	21.4	21.5	20.8	20.8	19.8	20.0	20.1	19.9	19.2	19.4	20.1	19.3	18.6	18.1
<b>24</b>	21.5	21.7	21.5	21.1	21.8	21.0	22.0	22.1	20.7	20.8	20.6	20.4	20.9	21.8
<b>25</b>	22.1	21.9	22.1	22.2	22.5	21.9	22.0	22.4	22.0	22.5	22.4	21.6	21.7	21.2
<b>26</b>	21.1	21.1	21.1	20.9	20.8	20.9	21.3	21.9	22.1	22.3	22.6	20.2	18.3	16.8
<b>27</b>	17.8	16.5	17.4	16.3	17.4	17.1	17.3	17.6	17.5	18.2	18.7	17.6	18.2	17.6
<b>28</b>	16.8	16.6	17.4	17.8	18.6	19.4	19.8	20.5	20.7	21.5	21.9	21.2	20.8	20.4
<b>29</b>	23.7	23.5	23.2	23.0	22.9	23.1	23.3	23.8	23.9	22.9	22.7	23.1	23.7	22.5
<b>30</b>	23.2	22.7	22.5	22.6	22.7	22.7	23.3	23.0	22.5	23.0	24.2	24.3	24.8	23.4

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	25.7	25.4	25.4	25.3	25.4	25.6	25.7	25.7	25.8	25.6	26.0	27.1	25.3
2	25.2	24.7	24.1	24.1	24.0	24.6	25.0	25.4	23.9	24.2	25.2	26.4	23.9
3	25.9	25.2	25.0	24.8	24.5	25.0	24.9	24.9	24.6	24.5	25.5	27.1	24.5
4	23.2	23.1	23.1	24.0	23.9	24.1	24.4	24.2	24.4	24.7	24.3	25.4	23.1
5	22.3	22.8	24.7	25.1	25.1	24.7	24.5	24.7	25.0	25.6	24.7	26.2	22.3
6	25.8	24.4	23.5	24.1	23.0	24.3	24.7	24.7	24.6	24.1	25.0	26.1	23.0
7	23.5	24.1	23.4	23.0	23.1	24.2	24.9	25.2	25.1	24.7	24.5	25.9	23.0
8	24.7	25.1	24.3	24.3	24.1	24.4	24.6	23.9	24.1	24.2	24.5	25.2	23.9
9	21.2	21.1	21.2	21.0	20.6	20.6	20.7	20.8	20.8	20.8	21.6	24.5	20.6
10	21.3	21.1	21.1	20.8	21.4	21.4	21.3	21.0	21.0	21.0	20.8	21.5	20.0
11	19.8	19.8	19.5	19.7	20.3	20.2	19.6	19.3	19.5	19.3	19.8	20.3	19.3
12	19.8	20.3	20.0	20.3	20.6	20.4	19.5	20.3	20.0	21.4	19.5	21.4	18.2
13	18.9	18.6	18.5	17.8	17.0	16.0	16.6	16.0	15.9	16.6	18.6	21.0	15.9
14	17.0	17.2	17.0	16.0	15.9	16.0	16.9	16.3	16.3	17.1	17.0	19.6	14.9
15	19.4	17.8	18.5	19.5	20.0	20.4	20.9	21.3	21.3	21.2	19.4	21.3	17.3
16	20.8	21.3	22.9	24.6	24.2	24.1	23.7	22.6	23.3	24.1	22.9	24.6	20.8
17	24.0	24.2	24.0	22.8	23.2	23.7	24.1	24.4	24.6	24.7	24.2	25.3	22.8
18	23.9	23.6	23.7	23.4	23.4	23.8	24.0	24.0	24.3	24.6	24.2	25.6	23.0
19	24.8	24.9	24.1	24.1	24.0	24.0	24.2	24.1	24.1	24.3	24.5	25.6	24.0
20	22.5	21.5	22.4	23.1	23.4	23.3	23.2	22.4	22.8	23.0	23.5	24.7	21.5
21	23.5	23.3	23.4	23.3	23.5	23.6	22.1	22.1	22.4	23.1	23.3	24.1	22.1
22	21.5	22.3	21.7	21.5	21.6	22.1	21.9	21.1	21.3	21.3	22.1	23.0	21.1
23	18.2	17.4	17.8	18.6	17.7	18.0	21.4	21.4	21.4	20.8	19.6	21.5	17.4
24	22.9	21.5	21.3	21.4	21.6	21.7	21.9	21.9	22.0	22.2	21.5	22.9	20.4
25	21.1	21.3	21.0	20.9	20.8	20.7	20.9	20.9	21.0	20.8	21.6	22.5	20.7
26	14.9	14.0	13.5	13.7	13.9	16.5	17.8	18.3	17.9	17.7	18.7	22.6	13.5
27	17.5	18.1	18.2	17.2	15.7	16.4	16.4	17.7	16.1	17.2	17.3	18.7	15.7
28	19.0	19.7	20.9	21.5	21.8	21.8	22.4	22.4	22.8	23.3	20.4	23.3	16.6
29	21.3	24.0	23.1	23.8	23.6	23.7	23.4	23.8	23.7	23.5	23.3	24.0	21.3
30	23.6	23.6	23.4	23.4	23.2	23.5	23.3	23.4	23.6	23.5	23.3	24.8	22.5
平均 MÉD											22.2	23.7	20.6
全月 MÉS												27.1	13.5

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

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

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	0.0	0.0	0.0	0.0	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	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	VST	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	0.8	0.0	0.0	0.0	0.0	VST	4.4	0.0	0.0
7	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
8	0.0	0.0	0.0	0.0	0.0	VST	1.0	0.8	0.6	42.0	5.8	0.2	2.2	3.0
9	VST	1.8	17.0	9.0	0.6	VST	0.2	VST	0.4	VST	VST	0.0	VST	0.4
10	VST	VST	0.0	0.0	VST	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	VST	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	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	VST	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	1.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	9.0	VST	0.0	VST	VST	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	VST	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
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	1.0	18.0	18.6	VST	VST	VST	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	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	1.6
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2
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	0.0	0.0	0.0	0.0	VST	1.6	1.2	1.2	0.4	0.0	9.6	4.4
7	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	0.2	VST	3.4	20.6	0.8	VST	0.0	1.8	VST	0.2	82.6	42.0
9	0.4	1.4	0.4	VST	0.0	0.0	VST	VST	VST	0.0	31.6	17.0
10	0.0	0.0	0.0	0.0	VST	0.0	0.0	0.0	0.0	0.0	VST	VST
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	VST	VST
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	4.6	4.4
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0
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	4.6	3.4	2.0	0.4	10.4	4.6
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
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	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
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	37.6	18.6
全月 MÊS											188.4	42.0

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

平均風速 ( km/h )

**VENTO-VELOCIDADE MÉDIA ( km/h )**

**MEAN WIND SPEED ( km/h )**

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

平均  
**MÉD**

12.3

## 風向

## DIRECÇÃO DO VENTO

## WIND DIRECTION

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

## 風向

## DIRECÇÃO DO VENTO

## WIND DIRECTION

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

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	19	SE	32	SE	17
2	15	SE	37	ESE	8
3	16	SE	27	SE	11
4	14	SE SSE	24	SE	17
5	17	S	28	S	4
6	16	WNW	48	W NW	5
7	18	S SE	36	S	6
8	16	N	36	N	6
9	28	NNW	45	NW	15
10	23	N	37	N NNW	12
11	28	N	47	N	24
12	26	N	42	N	18
13	21	N	37	N	18
14	15	NNE NNW	29	NW	9
15	12	NW	21	NW	9
16	16	S SSE	29	S	5
17	24	SE	38	SE	13
18	19	ESE	34	ESE	8
19	18	SE	36	ESE	10
20	14	SE	26	ESE	7
21	25	NW	69	S SW SSW	5
22	20	N	41	N	12
23	22	N	37	N	19
24	20	SE ESE	34	ESE	10
25	19	SE	33	SE ESE	9
26	18	N	31	N	11
27	20	N	34	N NW	10
28	15	SE	25	S	7
29	19	SE	29	SE	9
30	22	SE	38	SE	11

雲量 ( 0 - 10 )

NEBULOSIDADE ( 0 - 10 )

CLOUDINESS ( 0 - 10 )

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

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

平均  
MÉD

5.4

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	0	0	0	0	0	1	1	1	1	0	0	0	0
300 - 600m	18	20	18	18	19	19	19	19	18	21	19	21	21
600 - 1000m	4	5	6	7	7	7	3	2	3	2	3	2	1
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	8	5	6	5	4	3	7	8	8	7	8	7	8

	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	0	0	0	0	0	0	0	0
200 - 300m	0	0	0	0	1	1	0	0	0	0	0	6
300 - 600m	21	21	23	21	20	17	19	18	18	18	18	464
600 - 1000m	1	0	1	1	2	4	4	4	4	4	4	81
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	8	9	6	8	7	8	7	8	8	8	8	169

能見度 (公里)

VISIBILIDADE ( km )

VISIBILITY ( km )

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

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

總輻射量 ( $10^{-2}$  MJ m<sup>-2</sup>)

RADIAÇÃO GLOBAL ( $10^{-2}$  MJ m<sup>-2</sup>)

GLOBAL RADIATION ( $10^{-2}$  MJ m<sup>-2</sup>)

	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	1	17	86	193	243	306	344	329	312	251	179	107	32	1	2401	344
2	1	26	112	169	265	315	338	333	304	247	183	106	28	1	2428	338
3	1	14	105	97	168	265	386	315	320	194	185	64	21	0	2135	386
4	2	45	144	175	271	193	319	339	314	263	193	110	38	1	2407	339
5	2	65	116	204	261	312	335	330	297	139	78	74	6	0	2219	335
6	1	9	36	126	66	139	154	304	261	198	80	21	9	0	1404	304
7	1	26	85	161	228	285	286	309	268	80	46	37	15	0	1827	309
8	0	3	11	5	7	14	8	20	64	107	35	2	0	0	276	107
9	0	3	14	57	83	133	134	84	52	18	23	18	4	0	623	134
10	0	12	60	75	94	98	159	224	67	79	29	20	4	0	921	224
11	1	23	84	159	218	270	350	252	246	96	53	17	8	0	1777	350
12	1	15	50	116	171	232	320	302	269	210	157	71	10	0	1924	320
13	1	36	110	187	249	299	318	318	292	236	161	79	17	0	2303	318
14	1	34	106	187	252	296	310	305	258	202	118	47	11	0	2127	310
15	0	20	53	133	236	277	274	260	223	156	84	44	16	0	1776	277
16	0	22	71	118	186	202	242	250	186	192	132	59	11	0	1671	250
17	1	36	116	199	263	305	334	325	265	193	162	68	17	0	2284	334
18	1	22	58	126	201	243	335	333	298	252	174	88	6	0	2137	335
19	2	11	19	53	180	288	309	246	233	133	101	25	7	0	1607	309
20	1	27	112	187	270	310	336	318	297	244	177	90	16	0	2385	336
21	1	34	104	175	223	215	271	294	273	217	144	69	9	0	2029	294
22	1	16	57	157	187	212	252	256	215	93	54	44	7	0	1551	256
23	1	31	104	185	254	296	315	310	273	224	148	62	8	0	2211	315
24	0	26	92	140	113	131	136	180	219	159	66	37	8	0	1307	219
25	0	11	42	145	223	281	303	294	256	202	136	64	12	0	1969	303
26	0	24	96	152	232	286	312	321	280	208	144	71	13	0	2139	321
27	0	23	92	174	240	288	315	314	281	215	126	67	12	0	2147	315
28	0	18	81	160	229	279	307	305	273	222	148	66	12	0	2100	307
29	0	17	73	150	216	264	291	292	266	209	135	63	10	0	1986	292
30	0	3	6	22	31	54	69	84	150	174	124	44	8	0	769	174

全月  
MÊS

54840 386

平均  
MÉD

1828

漫射太陽輻射量 ( $10^{-2}$  MJ m<sup>-2</sup>)

RADIAÇÃO DIFUSA ( $10^{-2}$  MJ m<sup>-2</sup>)

DIFFUSE SOLAR RADIATION ( $10^{-2}$  MJ m<sup>-2</sup>)

	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	1	15	71	103	106	145	89	78	52	52	46	29	14	0	801	145
2	1	22	56	71	56	61	63	65	69	77	56	33	16	1	647	77
3	1	11	37	61	109	125	130	90	75	70	40	23	11	0	783	130
4	2	24	45	58	52	93	56	34	26	24	22	20	16	0	472	93
5	2	40	46	25	35	32	35	36	71	102	68	51	5	0	548	102
6	0	8	30	88	56	89	88	121	111	98	56	18	7	0	770	121
7	0	21	58	89	111	119	128	114	112	59	40	32	13	0	896	128
8	0	2	10	4	6	12	7	17	58	92	31	2	0	0	241	92
9	0	3	12	50	73	115	118	74	46	16	20	15	3	0	545	118
10	0	11	52	66	83	88	139	173	59	69	25	17	3	0	785	173
11	1	16	48	85	143	155	112	172	164	85	47	15	7	0	1050	172
12	0	13	44	98	146	182	140	163	113	128	57	51	8	0	1143	182
13	1	25	68	106	122	60	64	62	56	52	46	35	13	0	710	122
14	1	18	38	52	63	72	84	89	101	88	64	33	10	0	713	101
15	0	18	45	92	88	124	158	148	150	116	67	38	13	0	1057	158
16	0	18	54	94	127	150	143	157	124	100	71	40	9	0	1087	157
17	1	16	37	40	47	54	50	58	81	81	76	48	14	0	603	81
18	1	19	46	79	87	93	43	42	41	30	33	22	5	0	541	93
19	2	9	16	41	75	100	140	135	108	72	40	21	6	0	765	140
20	1	16	46	53	45	40	33	43	34	34	30	28	9	0	412	53
21	1	17	39	62	79	94	108	97	103	83	61	42	6	0	792	108
22	1	14	53	147	175	197	235	242	202	86	50	41	6	0	1449	242
23	0	29	101	182	128	60	62	58	60	53	46	31	7	0	817	182
24	0	19	50	64	79	108	90	103	101	105	55	32	7	0	813	108
25	0	10	37	88	112	115	114	111	106	90	64	37	10	0	894	115
26	0	15	42	71	83	70	69	58	62	67	49	30	9	0	625	83
27	0	13	33	46	55	61	59	56	55	59	49	32	9	0	527	61
28	0	12	38	59	70	76	73	70	72	65	55	44	10	0	644	76
29	0	13	47	72	88	100	100	96	85	75	62	37	8	0	783	100
30	0	2	5	19	28	49	62	76	129	118	89	39	6	0	622	129
全月															22535	242
MÊS																
平均															751	
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	濾紅光	無濾鏡	濾黃光	濾紅光	無濾鏡	濾黃光	濾紅光	無濾鏡
	Filtro RG2	Filtro OG1	Sem filtro	Filtro RG2	Filtro OG1	Sem filtro	Filtro RG2	Filtro OG1	Sem filtro
1	---	---	---	---	---	---	---	---	---
2	---	---	---	522	426	763	---	---	---
3	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---
13	465	384	646	---	---	---	457	382	633
14	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---
23	491	401	690	514	423	732	494	406	698
24	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	281	254	356
26	413	346	528	542	455	780	369	328	482
27	---	---	---	---	---	---	385	334	507
28	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---

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	25.4	28.0	28.7	29.0	29.3	---	3.8	9.6
2	25.0	28.5	29.6	29.7	29.1	---	0.0	10.4
3	25.0	29.5	30.0	30.4	29.2	---	1.8	9.6
4	24.8	29.3	30.4	30.7	29.4	29.5	0.2	11.1
5	23.9	30.0	30.7	31.0	29.5	30.0	0.0	8.0
6	26.4	30.4	31.1	31.2	29.5	30.1	0.8	4.5
7	24.5	29.5	30.5	31.0	29.5	29.7	8.8	6.5
8	25.0	29.5	30.0	31.0	29.7	29.9	2.4	0.0
9	22.5	26.8	28.2	29.8	29.6	28.4	109.2	0.0
10	21.5	26.5	27.5	29.1	29.7	26.6	2.6	0.1
11	22.4	26.2	27.0	28.7	29.7	26.4	VST	5.1
12	21.9	25.5	26.8	28.6	24.3	25.9	0.0	4.9
13	22.0	26.2	27.4	28.7	29.2	26.3	0.0	10.5
14	20.1	26.6	27.6	28.9	29.2	26.3	0.0	9.2
15	22.4	27.0	28.0	29.2	29.0	27.1	VST	4.9
16	22.8	27.6	28.5	29.3	28.9	27.3	0.0	5.4
17	23.0	28.0	28.8	29.5	29.0	27.8	4.6	9.1
18	23.5	28.5	29.5	29.7	28.8	28.3	VST	7.9
19	24.5	28.7	29.6	30.2	29.0	28.6	10.0	5.5
20	23.0	28.8	29.5	30.2	29.1	28.8	VST	10.2
21	23.3	29.1	29.9	30.5	29.3	29.3	0.0	9.8
22	22.0	28.4	29.5	30.4	29.4	28.4	10.4	2.7
23	21.3	27.5	28.5	30.0	29.3	27.9	0.0	10.7
24	22.0	27.7	28.6	29.8	29.4	27.8	0.0	3.3
25	22.7	27.6	28.5	29.8	29.4	27.9	0.0	8.6
26	19.5	27.6	28.7	30.0	29.4	28.2	0.0	10.3
27	18.5	27.0	28.1	29.7	29.4	27.7	0.0	10.1
28	19.5	27.2	28.2	29.6	29.3	28.0	0.0	9.4
29	21.8	28.2	29.0	29.7	29.3	28.2	0.0	9.2
30	23.5	27.4	29.1	30.2	29.2	28.2	37.6	1.1
平均 MÉD	22.8	28.0	28.9	29.8	29.1	28.1		6.9
全月 MÊS	18.5						192.2	207.7

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	蒸發盤	最高	最低	風程 ( km )	地表狀況	天氣概況
	Piche	Tina da classe A	MÁX	MÍN	Percurso do vento	Estado do solo	Evolução do tempo
1	1.0	2.1	32.2	26.4	60	0	NB m.a
2	1.4	5.8	39.0	26.6	83	0	RP AG HL n
3	2.3	4.0	39.5	26.5	110	0	HL m; AG m.a
4	1.8	5.0	39.0	26.2	66	0	
5	2.4	5.5	38.2	26.4	40	0	TR p
6	2.9	6.0	40.0	27.4	59	1	AG m.a; NB a; TR BS a.p; TR AG n
7	2.2	5.8	37.0	25.5	89	1	NB m.a; BS a.p; RP n
8	2.4	2.8	37.0	26.6	92	2	RP m; AG m.a; TR a.p; AG p.n; RP TR n
9	0.5	---	27.5	20.6	114	2	TR RP m; AG m.a.p; NB p; AG n
10	1.2	0.7	27.0	22.0	97	0	AG m.n
11	3.3	4.8	28.5	22.3	181	0	
12	5.1	7.0	33.0	21.0	241	0	
13	4.3	5.9	32.5	26.6	143	0	
14	5.3	9.2	35.0	21.3	89	0	BS a.p
15	5.8	5.7	34.2	21.8	64	0	BS m.a; AG a; BS p.n
16	4.2	5.1	39.7	23.5	30	0	BS NB m.a; BS p.n; NB n
17	3.9	4.6	35.0	25.2	32	0	AG m; NB a
18	0.7	3.7	38.0	25.6	62	0	TR m; AG m.a
19	2.3	5.8	37.5	25.8	117	1	AG m.a
20	1.5	3.2	35.6	25.0	67	0	
21	2.6	7.2	38.5	27.9	41	0	TR RP AG n
22	2.5	5.6	36.7	23.8	109	1	AG m; NB a
23	3.7	4.6	33.0	22.8	151	0	
24	4.6	6.2	33.5	23.3	124	0	
25	3.5	3.7	32.1	23.5	119	0	
26	3.4	4.8	35.3	22.9	74	0	
27	6.1	8.2	34.4	21.5	85	0	
28	5.5	8.8	34.7	22.0	84	0	BS m.a.p
29	3.4	4.5	36.0	24.2	46	0	NB m.a; BS a.p
30	2.9	---	36.9	24.5	67	2	AG a; NB a.p
平均 MÉD			35.2	24.3			
全月 MÊS	92.7	146.3	40.0	20.6	2736		

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 )

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h
1	6	3	5	5	7	6	7	6	7	9	9	8	9
2	8	6	10	11	11	10	10	10	9	9	11	10	9
3	5	9	8	13	9	7	6	7	7	8	12	8	10
4	6	4	5	4	4	5	6	7	6	8	9	11	11
5	5	5	4	4	3	2	2	4	9	11	14	14	12
6	5	5	6	7	6	5	6	6	4	6	7	10	9
7	9	9	8	6	8	9	7	5	9	9	16	16	17
8	6	6	12	10	14	16	18	20	13	6	5	6	10
9	11	28	23	18	18	17	14	9	6	10	9	11	13
10	9	12	15	14	8	12	15	15	16	15	16	15	23
11	27	30	31	21	22	23	23	25	31	33	30	29	27
12	27	27	27	23	20	23	22	22	23	24	26	25	23
13	13	16	17	18	19	19	20	21	23	24	22	18	17
14	5	7	7	8	7	8	6	11	14	17	19	19	18
15	7	7	8	12	10	9	7	6	6	11	14	15	15
16	8	9	9	6	6	4	5	4	3	4	8	6	7
17	5	4	6	3	4	4	7	11	12	10	10	9	14
18	11	6	9	6	5	7	9	10	10	11	10	10	17
19	13	16	15	16	12	10	7	8	8	6	10	14	11
20	4	6	5	4	4	4	4	5	7	10	10	10	10
21	4	4	5	6	6	5	4	4	6	6	6	7	14
22	18	9	8	8	7	7	6	14	23	25	24	21	21
23	17	17	19	14	15	21	23	23	26	25	26	28	24
24	5	4	4	8	6	13	20	19	21	21	13	15	7
25	9	8	7	8	8	12	10	17	17	13	13	10	9
26	8	6	4	2	1	2	4	12	15	18	18	20	19
27	6	4	8	6	11	9	8	11	21	24	22	21	19
28	6	13	13	10	9	8	8	11	14	15	16	15	14
29	8	4	5	5	4	5	6	5	10	15	17	16	14
30	8	8	7	7	11	12	8	8	10	12	8	5	3

平均風速 ( km/h )

**VENTO-VELOCIDADE MÉDIA ( km/h )**

**MEAN WIND SPEED ( km/h )**

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

平均  
**MÉD**

11.3

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

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

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

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

風

VENTO

WIND

	最高風速 ( km/h ) 及其相對風向		最高陣風 ( km/h )	盛行風向		時數 horas
	Velocidade máxima e direção correspondente			Direcção predominante		
1	11	ESE	26	ESE		12
2	12	ESE	41	NE		11
3	13	NE	23	SE		9
4	14	SSE	24	SE		12
5	14	NE SSW	25	NE		7
6	19	WSW	44	W NE		6
7	17	S NNE	32	W		6
8	20	NNE	33	NNE		6
9	28	NE	44	N		11
10	28	NNE	42	NNE		13
11	38	NNE	53	NNE		23
12	27	NNE	41	NNE		16
13	24	NNE	35	NNE		18
14	19	NE NNE	29	NE		7
15	15	NE	24	W SSW		8
16	15	S	23	S		7
17	15	SE ESE	32	NE		9
18	18	ENE	30	NE		12
19	16	NE	30	NE		8
20	13	S SSE	22	S		8
21	28	NE NNE	72	SW		8
22	25	NNE	39	NNE		13
23	28	NNE	41	NNE		18
24	21	NE NNE	32	ESE		8
25	17	NE	31	SE		6
26	22	NE	32	NNE		8
27	24	NNE	36	NNE		7
28	16	NNE	26	S		6
29	17	NE	26	NE SE		4
30	14	ESE	32	ESE		11

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)
	Temperaturas do ar			Humidade relativa				
	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN		
1	32.8	30.2	27.6	91	83	70	8.7	3.2
2	33.7	30.4	27.2	91	79	62	9.2	0.0
3	33.0	30.2	27.4	90	81	64	8.3	2.2
4	32.6	30.0	27.3	86	76	60	9.2	0.0
5	34.9	30.8	26.7	88	76	52	6.5	0.0
6	33.8	30.4	26.9	89	83	64	3.7	4.2
7	34.5	30.6	26.8	89	80	60	6.1	16.6
8	28.2	27.0	25.9	92	90	83	0.2	16.6
9	26.6	24.9	23.2	93	89	78	0.0	81.0
10	28.2	25.7	23.2	88	81	72	0.0	5.0
11	29.6	27.1	24.6	81	72	62	3.5	0.0
12	30.5	27.4	24.3	79	69	58	5.1	0.0
13	32.1	28.6	25.1	84	64	49	9.3	0.0
14	32.5	28.6	24.8	66	56	45	8.4	0.0
15	32.8	29.4	26.0	82	65	49	3.1	0.0
16	32.6	29.0	25.5	86	75	54	4.9	0.0
17	32.6	29.2	25.8	91	80	65	7.5	2.6
18	33.3	29.8	26.2	90	78	61	8.1	0.2
19	32.4	29.8	27.1	88	81	68	7.2	0.2
20	33.1	29.6	26.2	88	76	58	9.3	0.0
21	32.5	28.7	24.9	92	78	58	7.6	0.0
22	31.2	28.0	24.7	92	79	63	3.1	23.4
23	31.0	27.9	24.8	82	68	50	8.4	0.0
24	31.0	28.2	25.5	84	74	61	2.7	0.0
25	31.3	28.7	26.1	83	72	57	8.1	0.0
26	32.1	28.0	24.0	87	67	42	9.4	0.0
27	32.1	27.9	23.7	75	61	46	9.2	0.0
28	33.7	29.1	24.5	83	67	47	8.7	0.0
29	34.0	29.6	25.3	88	75	51	8.8	0.0
30	29.8	27.4	25.1	90	81	71	1.5	24.0
平均 MÉD	32.0	28.7	25.5	86	75	59	6.2	
全月 MÊS	34.9		23.2	93		42	185.8	179.2

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	29.0	28.9	28.9	28.9	0.8	1.6	33.5	27.0	5
2	29.5	29.5	29.5	28.9	1.7	6.0	40.5	27.0	6
3	30.0	30.0	30.0	29.0	1.9	4.7	41.1	27.0	6
4	29.8	30.2	30.4	27.0	1.6	3.1	39.7	27.3	2
5	30.0	30.2	30.5	29.3	2.5	5.6	40.9	27.3	2
6	30.5	30.5	30.6	29.3	2.3	5.0	41.5	28.0	6
7	30.0	29.8	30.5	29.5	1.2	3.0	37.0	26.0	23
8	29.0	29.6	30.5	29.5	1.8	3.4	39.5	26.5	7
9	27.0	27.9	29.4	29.6	0.4	---	29.5	24.5	22
10	26.5	27.0	28.6	29.5	1.0	1.8	27.5	22.0	22
11	26.5	28.0	28.4	29.2	2.1	2.6	29.0	23.2	28
12	26.6	27.2	28.5	29.0	2.5	3.6	33.5	22.5	41
13	27.3	27.7	28.7	28.9	3.0	3.5	35.5	23.5	12
14	27.0	28.0	29.0	28.9	4.2	6.1	37.3	22.5	9
15	27.0	28.0	29.0	28.9	4.8	8.1	37.0	24.0	6
16	28.3	28.5	29.0	28.9	2.8	4.0	35.4	25.0	1
17	28.8	28.9	29.1	28.9	1.8	3.9	36.5	25.5	3
18	28.8	29.0	29.7	28.8	1.6	3.4	38.5	26.5	7
19	29.3	29.7	29.9	28.8	1.8	4.4	40.5	26.7	12
20	29.5	29.6	30.0	29.0	1.8	3.3	37.1	25.5	6
21	29.5	29.6	30.3	29.1	1.8	5.3	40.0	25.6	4
22	28.5	29.0	30.0	29.2	2.4	6.4	36.0	24.5	22
23	28.0	28.5	29.9	29.2	1.8	4.5	34.5	23.5	20
24	28.5	28.9	29.9	29.1	3.2	4.9	24.5	36.5	12
25	28.1	28.4	29.4	29.2	2.8	3.7	32.8	24.1	12
26	28.0	28.4	29.4	29.1	3.0	4.6	31.8	23.2	10
27	27.3	28.0	29.4	29.2	4.0	5.2	31.8	22.0	10
28	27.5	28.0	29.2	29.0	3.9	5.8	35.6	22.5	11
29	28.3	28.7	27.3	29.0	2.5	7.6	37.8	25.0	3
30	27.9	28.5	29.5	29.0	2.3	2.4	38.7	25.0	8
平均 MÉD	28.4	28.8	29.5	29.0			35.8	25.3	
全月 MÊS					69.3	127.5	41.5	22.0	338

# 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**

澳門污水廠

**E.T.A.R 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			澳門污水廠		
	Fortaleza do Monte			Parque Municipal Dr. Sun Yat Sen			Delegação de Coloane			E.T.A.R de Macau		
	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	最高 MÁX	平均 MÉD	最低 MÍN
1	30.6	28.5	27.2	32.0	29.3	27.5	31.9	29.2	27.5	30.4	28.8	27.6
2	31.8	29.2	26.2	34.0	29.8	27.2	33.5	29.8	27.5	32.2	29.7	27.1
3	30.6	28.7	27.0	32.6	29.4	27.4	32.0	29.3	27.7	30.9	29.3	28.2
4	32.1	29.3	27.5	33.6	29.8	27.5	33.1	30.1	27.4	31.4	29.7	28.2
5	33.2	29.7	27.0	34.5	30.2	27.0	34.9	30.0	26.7	33.4	30.5	28.1
6	33.8	29.6	26.6	35.1	29.8	26.5	34.6	29.2	25.3	33.6	30.3	27.1
7	34.4	29.3	26.9	35.5	29.7	26.6	35.0	29.3	26.4	34.3	30.0	27.8
8	27.8	26.5	25.4	28.3	26.7	25.5	28.3	26.8	25.5	29.1	27.4	25.8
9	26.5	23.7	22.6	26.3	23.9	22.8	26.3	24.3	23.2	27.1	24.6	23.6
10	28.0	25.3	23.1	29.2	25.6	23.2	28.1	25.5	23.6	28.4	25.9	23.8
11	28.9	26.3	24.3	29.5	26.5	24.5	29.2	26.6	24.9	28.6	26.6	24.9
12	29.6	26.6	23.9	30.5	26.9	24.0	30.1	26.8	24.3	29.7	27.0	24.6
13	31.9	28.1	25.1	32.6	28.2	24.4	32.0	28.1	25.4	31.7	28.7	26.0
14	31.3	28.2	24.4	31.9	28.1	23.8	32.2	27.8	24.7	31.3	28.9	26.0
15	31.8	28.4	25.9	32.7	28.6	25.8	32.4	28.3	26.1	30.5	29.1	27.1
16	32.0	28.4	25.7	33.2	28.7	25.8	33.0	28.7	24.9	31.4	28.9	26.6
17	30.6	27.9	25.5	32.3	28.4	25.3	32.2	28.5	26.1	30.5	28.2	25.1
18	30.5	28.3	26.9	31.8	28.7	26.5	32.5	29.0	26.7	30.9	28.7	27.2
19	29.6	27.6	25.9	30.9	28.0	25.8	32.8	28.8	27.5	29.3	28.1	26.6
20	31.8	28.4	26.6	32.8	29.0	26.6	32.8	29.1	26.1	30.8	28.9	27.3
21	32.4	28.3	24.1	33.4	28.7	23.8	33.2	28.5	24.0	32.5	29.0	24.0
22	30.0	27.0	24.4	30.8	27.1	24.4	30.9	27.5	25.1	30.1	27.7	25.5
23	30.6	27.4	24.4	31.3	27.6	24.2	31.7	27.7	24.9	30.6	27.9	24.9
24	29.8	27.2	25.2	31.3	27.7	24.8	31.1	27.5	25.1	30.0	28.0	26.3
25	29.7	27.4	26.3	30.8	28.0	26.3	31.0	28.1	26.4	29.4	27.9	26.7
26	31.5	28.0	24.4	31.7	27.9	24.2	31.7	27.6	23.9	31.2	28.5	25.6
27	31.2	27.8	24.2	32.0	27.8	23.4	32.4	27.5	23.8	31.3	28.9	26.0
28	31.6	28.1	25.0	33.2	28.4	24.3	33.4	28.2	24.7	31.4	29.0	26.6
29	32.5	28.6	25.9	33.7	29.1	25.8	34.3	28.8	25.2	32.0	29.0	26.8
30	29.5	27.4	23.7	30.3	27.8	24.9	29.9	27.5	24.7	29.5	28.2	25.2
平均 MÉD	30.9	27.8	25.4	31.9	28.2	25.3	31.9	28.1	25.5	30.8	28.4	26.2
全月 MÊS	34.4		22.6	35.5		22.8	35.0		23.2	34.3		23.6

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			澳門污水廠		
	Fortaleza do Monte			Parque Municipal Dr. Sun Yat Sen			Delegação de Coloane			E.T.A.R de Macau		
	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	最高 MÁX	平均 MÉD	最低 MÍN
1	95	88	74	97	88	74	97	88	75	100	88	76
2	90	80	64	93	82	61	92	81	64	87	78	64
3	92	84	71	94	85	72	95	84	70	87	80	70
4	86	77	59	89	79	61	91	77	61	84	75	61
5	89	76	51	92	79	53	92	78	52	82	72	51
6	91	78	54	93	82	56	98	86	55	86	74	58
7	90	76	45	93	79	48	94	80	48	84	73	48
8	96	90	80	98	93	85	99	94	84	100	86	77
9	96	90	79	98	94	80	99	91	81	100	85	73
10	87	77	65	92	80	67	90	80	68	82	73	63
11	75	67	56	78	70	58	81	70	59	72	65	58
12	72	64	52	80	67	53	81	67	55	74	64	54
13	76	55	36	84	61	39	84	60	40	71	53	36
14	64	50	36	73	57	41	74	57	35	58	49	37
15	74	58	41	78	63	43	84	65	45	72	58	47
16	87	72	48	91	75	48	89	76	52	84	72	51
17	90	81	68	94	84	69	91	82	68	97	81	70
18	88	79	67	93	83	68	90	80	63	89	78	65
19	92	85	77	96	87	76	89	83	69	92	82	77
20	87	76	56	91	78	58	92	78	58	84	74	59
21	92	76	53	96	79	53	94	79	58	92	73	58
22	91	76	60	96	80	65	92	77	58	86	72	59
23	81	62	39	85	67	41	85	66	38	75	61	41
24	82	72	57	87	75	60	88	75	59	77	69	57
25	82	73	62	84	75	60	84	72	57	80	71	61
26	86	58	30	90	63	34	91	64	29	77	57	30
27	72	52	37	80	59	39	82	59	35	60	50	36
28	79	61	40	81	67	39	86	68	44	78	61	47
29	86	73	46	91	76	48	93	77	45	81	73	53
30	96	81	71	96	83	70	96	83	72	89	77	69
平均 MÉD	85	73	56	89	76	57	90	76	57	83	71	57
全月 MÊS	96		30	98		34	99		29	100		30

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

Fortaleza do Monte

Parque Municipal Dr. Sun Yat Sen

Delegação de Coloane

	總數	時最高	總數	時最高	總數	時最高
	TOTAL	MÁX 1h	TOTAL	MÁX 1h	TOTAL	MÁX 1h
1	0.0	0.0	0.0	0.0	0.0	0.0
2	2.0	2.0	2.6	2.6	0.8	0.8
3	4.0	4.0	0.8	0.4	4.8	4.8
4	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
6	1.2	0.6	1.0	0.4	39.2	26.4
7	1.4	1.4	0.0	0.0	0.2	0.2
8	61.6	16.4	58.2	13.2	109.8	45.2
9	25.2	12.2	38.2	13.4	44.6	19.8
10	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
12	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
14	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
16	0.0	0.0	0.0	0.0	0.0	0.0
17	0.4	0.4	1.0	0.6	0.0	0.0
18	0.2	0.2	1.6	1.2	0.4	0.4
19	6.2	3.2	8.8	7.8	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
21	17.4	11.6	20.4	15.6	8.4	4.6
22	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
24	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
26	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
28	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
30	39.0	32.6	10.2	9.8	14.4	5.6
最高 MÁX	61.6	32.6	58.2	15.6	109.8	45.2
總數 TOTAL	158.6		142.8		222.6	

雨量 (毫米)

PRECIPITAÇÃO ( mm )

RAINFALL ( mm )

	澳門教科文中心		澳門污水廠	
	總數	時最高	總數	時最高
	TOTAL	MÁX 1h	TOTAL	MÁX 1h
1	0.0	0.0	0.0	0.0
2	1.8	1.8	2.8	2.8
3	5.8	5.4	0.2	0.2
4	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0
6	2.8	1.4	2.4	1.8
7	0.0	0.0	1.4	1.4
8	72.0	22.2	70.8	18.0
9	28.6	15.8	35.8	12.6
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	1.0	0.8	6.4	6.2
18	0.0	0.0	1.2	1.0
19	4.2	1.0	6.0	4.8
20	0.0	0.0	0.0	0.0
21	17.2	13.6	9.8	5.2
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	43.6	26.8	9.6	8.6
最高 MÁX	72.0	26.8	70.8	18.0
總數 TOTAL	177.0		146.4	

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	E	7.8	27.7
2	E	7.0	31.0
3	E	7.4	22.7
4	E	6.2	23.0
5	E	6.1	23.4
6	NW	7.4	36.7
7	NW	6.0	25.9
8	NW	7.3	28.1
9	NW	12.2	34.9
10	NW	9.2	25.9
11	NNW	12.1	44.3
12	NW	9.4	33.5
13	NW	8.5	28.8
14	NW	8.3	23.0
15	NW	6.0	23.4
16	SE	5.0	22.7
17	E	6.7	28.8
18	E	7.4	28.1
19	E	7.6	24.8
20	E	6.0	21.6
21	W	6.6	40.3
22	NW	9.9	26.6
23	NW	9.2	36.4
24	E	7.2	24.8
25	E	7.5	24.8
26	NW	7.1	29.9
27	NW	7.6	29.2
28	NW	6.3	23.0
29	E	6.1	22.3
30	E	6.8	27.7

平均  
MÉD

7.6

最高  
MÁX

12.2

44.3

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
	NE	4.7	24.5
	NE	5.1	27.4
	NE	4.8	22.0
	SE	5.5	21.6
	NE	3.9	22.3
	NE	4.3	37.4
	NE	4.0	26.6
	NE	3.4	27.0
	NW	3.7	24.1
	NNE	5.3	23.4
	N	7.2	28.8
	NE	5.7	23.8
	NNE	4.1	23.0
	C	3.0	22.0
	C	2.9	20.5
	SE	4.5	18.4
	NE	4.9	26.3
	NE	5.3	23.0
	NE	5.0	22.7
	NE	4.8	22.3
	WSW	5.0	31.3
	NE	4.4	22.3
	NE	4.9	29.2
	NE	4.6	24.8
	NE	5.5	20.9
	NE	4.3	24.5
	NE	3.9	22.0
	SE	4.1	20.5
	SSE	4.6	21.6
	SE	4.2	24.5

4.6

7.2

37.4

風  
VENTO  
WIND

澳門污水廠

E.T.A.R de Macau

	盛行風向 Direcção predominante	平均風速 ( km/h ) Velocidade média	最高陣風 ( km/h ) Rajada máxima
1	ESE	13.3	26.3
2	ESE	10.9	41.0
3	ESE	12.6	27.0
4	SE	11.0	22.3
5	SE	6.8	21.2
6	NE	7.4	35.3
7	NE	6.7	29.9
8	N	8.8	32.0
9	NW	8.4	33.5
10	NNW	9.5	24.5
11	N	13.8	36.7
12	NNE	10.2	28.8
13	NNW	8.7	26.3
14	NW	7.5	24.5
15	NW	5.6	23.8
16	SE	7.7	24.5
17	SE	10.2	32.4
18	NE	10.8	31.3
19	E	12.0	27.0
20	E	8.0	21.2
21	SW	8.0	37.1
22	NW	9.6	35.3
23	NNW	11.0	30.6
24	ESE	12.8	29.9
25	SE	13.4	30.2
26	NE	9.2	26.3
27	NW	7.3	26.3
28	SE	8.3	22.3
29	SE	9.6	23.4
30	ESE	13.2	33.8

平均  
MÉD

9.7

最高  
MÁX

13.8

41.0

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
	E	18.2	31.3
	E	16.3	41.0
	E	18.3	30.6
	E	13.4	23.4
	SW	10.2	25.6
	NE	14.0	49.3
	NE	13.2	33.5
	ENE	14.4	115.2
	NW	16.2	42.1
	NW	13.8	31.0
	NNE	20.4	44.6
	NE	15.9	36.0
	NE	14.5	39.2
	NW	14.3	30.6
	SW	10.4	27.7
	SE	10.8	27.0
	E	15.1	35.3
	NE	17.4	37.1
	E	18.4	118.8
	ENE	12.1	26.3
	SW	13.3	109.8
	NW	17.0	35.6
	NE	16.8	41.4
	E	18.8	34.6
	E	19.5	34.2
	NE	14.5	33.1
	NW	12.7	35.3
	NE	11.6	29.2
	NE	12.1	27.7
	E	18.8	38.9

15.1

20.4

118.8

風  
VENTO  
WIND

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
1	E	17.1	28.4
2	E	14.0	46.8
3	E	16.2	28.8
4	SE	13.6	23.8
5	SW	8.9	20.5
6	NE	12.5	45.4
7	SSW	10.2	34.6
8	N	13.7	37.1
9	NW	16.8	37.1
10	N	15.0	29.9
11	N	21.1	40.7
12	N	14.9	36.0
13	N	12.8	31.0
14	NW	12.3	24.5
15	SW	8.7	23.4
16	SE	11.2	27.4
17	ESE	13.2	37.8
18	NE	14.5	34.9
19	E	16.5	32.4
20	E	9.9	22.0
21	SW	11.1	57.6
22	N	14.8	28.8
23	N	15.7	34.6
24	E	17.2	33.5
25	E	18.4	35.6
26	NE	12.1	27.4
27	NW	10.7	27.4
28	SE	10.2	23.8
29	SE	11.3	24.8
30	E	18.1	43.2

平均  
MÉD

13.8

最高  
MÁX

21.1

57.6

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
	E	17.6	28.8
	E	14.9	46.8
	E	17.1	29.9
	C	4.9	24.1
	C	0.6	19.8
	C	7.2	49.0
	C	4.1	38.2
	N	9.9	37.1
	NW	15.9	38.2
	N	16.0	31.0
	N	22.7	39.6
	N	15.9	33.5
	N	13.9	31.0
	NW	11.9	23.8
	SW	8.4	21.6
	WSW	10.4	26.3
	ESE	13.5	36.0
	E	15.6	36.0
	E	17.7	34.9
	E	10.3	23.8
	SW	11.4	56.5
	N	16.1	28.8
	N	16.6	34.6
	E	18.5	32.4
	E	18.9	34.6
	N	12.6	26.3
	N	11.4	30.6
	SE	11.0	24.5
	SE	11.1	26.3
	E	19.0	37.1

13.2

22.7

56.5