

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	28.0	-0.6
Média		
平均最高	30.6	-0.9
Média das máximas		
平均最低	26.0	-0.3
Média das mínimas		
雨量 (mm)		
Precipitação (mm)		
自一月起之累積雨量	806.6	-575.9
平均相對濕度 (%)		
Humidade relativa média (%)		
	82	0
蒸發量 (mm)		
Evaporação (mm)		
	74.7	-18.2
日照量 (h)		
Insolação (h)		
	168.1	-58.1
風		
Vento		
盛行風向及其平均風速	S	19.6
Direcção predominante		
平均風速 (km/h)	16.7	
Velocidade média		

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	33.0	
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 7 月天氣狀況

本月較正常少雨，共錄得總降雨量為 165.2 毫米，較正常值少 124.6 毫米，而本年首七個月的累積總降雨量為 806.6 毫米，亦較正常值少 575.9 毫米。本月平均氣溫為 28.0 度較正常值低 0.6 度。

受壹股炎熱空氣影響，本月首 2 日酷熱及天晴，並於 1 日錄得本月最高氣溫為攝氏 36.1 度。

3 日至 13 日，本澳受西南氣流的持續影響，多雲，間中有驟雨及雷暴，但部分時間亦有陽光。

隨著一道高壓脊向西伸展至中國東南部，14 日及 15 日本澳轉為天晴及炎熱。

熱帶風暴"圓規"於 15 日進入本澳 800 公里範圍，本局於當日凌晨 2 時 25 分發出本年首次一號熱帶氣旋戒備信號。隨著"圓規"繼續移近本澳，16 日早上，風力增強及開始有驟雨，本局於上午 11 時 30 分發出三號熱帶氣旋強風信號，隨著"圓規"於當日下午在香港西貢附近登陸及減弱，本局於當日晚上 9 時除下所有信號。翌日，本澳受到"圓規"殘餘的雨帶影響，仍有幾陣驟雨。18 日天色轉晴。

20 日至 22 日，本澳轉受一股不穩定的偏南氣流影響，多雲，間中有驟雨及雷暴。隨後由於受華南高壓脊影響，23 日至 26 日天色轉晴及炎熱。

27 日清晨，位於南海北部的一個低壓區發展為一個熱帶低氣壓，它向西北方向移動，不久後在汕頭附近登陸。本澳當日下午漸轉多雲及有幾陣驟雨。

來自南海的一股不穩定的海洋氣流於 28 日及 29 日影響本澳，帶來大驟雨及雷暴。30 日，仍然多雲及有幾陣驟雨。

本月最後一日受華南之一高壓脊影響，本澳當日天色轉晴。

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

O mês de Julho foi menos chuvoso do que o normal. A precipitação total mensal registada de 165,2 milímetros que foi em 124,6 milímetros abaixo do valor normal. A precipitação acumulada até Julho foi de 806,6 milímetros que foi em 575,9 milímetros abaixo do valor normal. A temperatura média do ar de 28,0 graus Celsius que foi em 0,6 graus Celsius abaixo do valor normal.

Pela influência de uma massa de ar quente, o tempo foi pouco nublado e muito quente nos primeiros dois dias e registou-se a temperatura máxima do mês de 36,1 graus Celsius no dia 1.

Pela influência de uma persistente corrente de Sudoeste nos dias 3 a 13, o tempo foi muito nublado com aguaceiros ocasionais e trovoadas mas também houve alguns períodos de pouco nublado.

O prolongamento para oeste de uma crista de altas pressões para Sueste do continente chinês, o tempo tornou-se pouco nublado e quente nos dias 14 a 15.

Quando o ciclone tropical “KOMPASU” entrou na zona de alerta de 800 quilómetros de Macau no dia 15, às 02:25 horas da madrugada do mesmo dia, o sinal de alerta nº1 foi içado pela primeira vez neste ano. O ciclone tropical “KOMPASU” continuava-se a aproximar de Macau. A intensidade do vento aumentou na manhã do dia 16 e começou com a ocorrência de aguaceiros. O sinal de alerta nº1 foi substituído pelo sinal nº3 na manhã às 11:30 horas do mesmo dia. De seguida, o ciclone tropical “KOMPASU” atingiu perto de Sai Kung em Hong Kong durante a tarde e entrou em enfraquecimento. Todos os sinais foram baixados às 21:00 horas da noite do mesmo dia. Pela influência da área de baixas pressões no dia seguinte, resultante do enfraquecimento de “KOMPASU”, trouxe alguns aguaceiros. O tempo tornou-se limpo no dia 18.

Pela influência duma corrente instável de Sul, o tempo foi muito nublado e com aguaceiros ocasionais e trovoadas nos dias 20 a 22. De seguida, o tempo tornou-se limpo e quente nos dias 23 a 26 por influência duma crista de altas pressões localizada na costa Meridional Chinesa.

Uma área de baixas pressões localizada a norte do Mar do Sul da China e intensificou-se para depressão tropical na manhã do dia 27 e moveu-se para Noroeste. Em seguida, a depressão tropical atingiu perto de Shantau. O tempo tornou-se muito nublado e com alguns aguaceiros na tarde do mesmo dia.

A influência de uma corrente de ar marítimo instável proveniente do Mar do Sul da China nos dias 28 e 29, trouxe aguaceiros fortes e trovoadas. O tempo manteve-se muito nublado e com alguns aguaceiros no dia 30.

Pela influência duma crista de altas pressões localizada na costa Meridional Chinesa no último dia do mês, o tempo tornou-se limpo.

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 )

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	986.9	986.3	986.0	985.9	985.8	985.7	986.2	986.5	987.5	987.0	987.0	986.4	986.3	985.4
2	985.3	985.8	986.1	985.4	985.1	985.2	985.9	986.3	986.6	987.0	987.3	987.3	986.9	986.4
3	987.2	986.9	986.4	985.9	986.6	986.9	987.4	987.2	987.2	988.1	988.3	988.0	987.5	987.6
4	988.2	989.1	989.4	989.8	989.8	990.1	990.7	990.7	990.9	990.9	991.6	990.7	990.6	991.0
5	992.0	991.8	991.6	991.5	991.3	991.9	992.2	992.9	993.0	993.2	992.8	992.5	992.0	991.5
6	991.8	991.5	990.8	990.7	990.4	991.4	992.7	993.1	993.9	993.9	993.7	993.5	993.2	992.7
7	994.1	993.9	993.5	993.4	993.8	994.1	994.2	994.6	995.3	995.6	995.6	995.3	995.1	994.6
8	996.7	996.2	996.2	996.3	996.2	996.2	996.4	996.7	997.1	997.2	997.2	997.1	996.7	995.8
9	996.9	996.4	995.7	996.2	996.2	996.5	997.1	997.2	997.7	997.8	997.7	997.4	997.0	996.5
10	996.9	996.4	996.0	995.5	995.5	995.4	995.8	996.2	996.4	997.0	997.5	997.3	996.5	996.0
11	995.5	995.0	994.5	994.4	994.4	994.6	995.0	995.4	995.4	995.6	995.4	995.0	994.6	994.0
12	994.4	994.3	994.1	994.2	994.4	994.6	995.2	995.7	996.0	996.0	996.0	996.0	995.8	995.6
13	996.8	996.4	996.2	996.4	996.5	997.0	997.7	997.8	998.2	998.6	998.7	998.2	997.6	997.4
14	997.0	997.0	996.8	996.6	996.6	996.6	996.9	996.9	997.1	997.3	997.5	997.3	996.8	996.4
15	996.0	995.7	995.7	995.9	996.1	996.7	997.2	997.8	997.9	998.0	998.0	997.7	997.2	996.8
16	996.7	996.0	995.7	995.7	995.4	995.4	995.7	995.8	995.7	995.8	994.7	994.0	994.3	993.3
17	995.3	995.1	994.5	994.3	994.5	994.5	995.3	995.5	995.6	996.1	996.0	996.0	995.5	994.7
18	995.3	994.9	994.4	993.9	993.8	993.5	993.2	993.2	993.5	994.0	994.2	993.9	993.3	992.6
19	993.5	993.0	992.7	991.9	992.2	992.5	992.3	993.0	993.3	993.7	993.6	993.5	993.1	992.7
20	993.6	993.7	993.2	993.4	993.5	993.9	994.7	994.6	995.0	996.0	996.3	996.2	995.5	995.3
21	998.2	997.4	996.9	996.8	996.7	996.9	997.3	998.0	998.6	999.5	999.4	999.3	999.2	998.8
22	999.8	999.4	998.8	998.7	998.8	998.4	998.8	999.2	999.8	1000.1	1000.0	1000.0	999.3	999.4
23	999.2	998.3	997.8	997.3	997.2	997.5	997.7	998.3	998.7	998.8	998.7	998.6	998.1	997.6
24	996.3	995.9	995.4	995.0	995.0	995.2	995.5	995.8	996.2	996.1	995.8	995.4	994.8	994.2
25	993.7	993.4	993.4	993.0	992.9	992.7	993.2	993.3	993.8	993.7	993.6	993.2	992.7	992.4
26	992.8	992.1	991.9	991.8	991.7	991.9	992.1	992.4	993.0	993.1	993.3	992.8	992.7	992.3
27	992.4	991.8	991.3	991.3	991.1	991.4	991.4	991.8	991.7	991.6	991.5	991.6	990.8	990.4
28	992.3	991.8	991.8	991.7	991.8	992.1	992.4	992.5	992.8	993.2	993.6	993.3	993.0	992.9
29	995.0	994.7	994.4	993.8	994.0	994.3	994.8	995.4	996.5	996.9	997.0	996.8	996.4	995.8
30	997.6	996.6	996.3	996.1	995.9	995.8	996.2	996.6	997.4	998.1	998.2	998.0	998.1	997.8
31	997.5	996.5	996.1	996.1	996.4	996.6	997.2	997.2	997.8	998.2	998.2	997.8	997.6	997.1

站高氣壓 (百帕斯卡)

**PRESSÃO ATMOSFÉRICA ( hPa )**

**ATMOSPHERIC PRESSURE ( 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>
<b>1</b>	984.4	984.0	983.5	983.7	984.5	985.1	985.2	985.8	986.3	986.5	985.7	987.5	983.4
<b>2</b>	985.7	985.5	985.3	985.4	985.5	985.6	986.4	986.7	987.5	987.2	986.1	987.6	984.9
<b>3</b>	987.1	987.5	987.1	987.1	987.1	989.2	988.9	990.9	990.7	988.4	987.7	991.0	985.9
<b>4</b>	990.8	991.2	990.5	990.0	991.1	992.2	992.6	992.7	992.7	992.7	990.8	992.9	987.9
<b>5</b>	991.0	990.5	990.4	990.8	990.9	991.8	992.3	992.4	992.5	992.1	991.9	993.2	990.3
<b>6</b>	992.5	992.6	992.2	991.9	992.2	992.6	993.4	993.7	994.1	994.2	992.6	994.3	990.3
<b>7</b>	994.3	994.2	994.1	994.4	994.5	995.2	995.7	996.4	997.0	997.2	994.8	997.2	993.3
<b>8</b>	995.1	994.4	994.2	994.9	995.0	995.8	996.4	996.9	998.0	997.7	996.3	998.0	994.1
<b>9</b>	996.0	995.7	995.5	995.4	995.7	996.2	997.0	997.2	997.6	997.3	996.7	997.9	995.2
<b>10</b>	995.5	995.7	995.0	995.1	995.2	995.5	995.9	996.2	996.4	995.9	996.0	997.7	994.8
<b>11</b>	994.0	993.1	993.1	993.0	993.2	993.7	994.5	994.6	994.9	994.5	994.5	995.8	992.9
<b>12</b>	995.2	995.3	995.3	995.4	995.5	996.7	997.1	997.6	996.7	997.0	995.6	997.8	993.9
<b>13</b>	996.6	996.0	995.8	996.2	996.4	996.4	996.7	997.4	997.8	997.4	997.1	998.9	995.5
<b>14</b>	995.7	995.2	995.3	995.4	995.8	996.0	996.4	997.0	996.9	996.3	996.5	997.6	995.1
<b>15</b>	996.0	995.3	994.8	994.8	995.0	995.9	996.5	997.0	997.2	997.0	996.5	998.2	994.6
<b>16</b>	992.9	993.3	993.4	993.3	993.8	994.1	994.3	995.1	995.5	995.4	994.8	997.0	992.8
<b>17</b>	994.4	994.0	993.8	993.4	993.6	994.2	994.3	994.8	995.1	995.3	994.8	996.2	993.2
<b>18</b>	992.5	991.8	991.3	991.3	991.4	991.8	992.8	993.3	993.6	993.5	993.2	995.3	991.2
<b>19</b>	992.7	992.3	992.0	992.0	992.4	993.1	993.8	994.1	994.5	994.2	993.0	994.5	991.6
<b>20</b>	995.2	994.7	994.9	995.5	996.3	996.9	997.6	998.2	998.7	998.6	995.5	998.8	993.0
<b>21</b>	998.1	998.2	998.0	998.1	998.1	998.9	999.1	999.5	999.8	1000.1	998.4	1000.5	996.5
<b>22</b>	998.7	997.9	998.2	998.3	998.6	998.9	999.5	1000.1	1000.2	999.9	999.2	1000.3	997.8
<b>23</b>	997.3	996.8	996.1	995.9	995.9	996.3	996.9	997.4	997.2	996.9	997.5	999.7	995.8
<b>24</b>	993.6	993.2	992.8	992.8	993.0	993.4	994.0	994.3	994.4	993.9	994.7	996.9	992.7
<b>25</b>	992.2	991.6	991.4	991.3	991.9	992.6	993.1	993.7	993.9	993.4	992.9	994.1	991.2
<b>26</b>	991.9	991.7	991.0	991.0	991.3	991.7	991.9	992.5	993.2	993.1	992.2	993.3	990.8
<b>27</b>	989.3	988.7	989.0	989.5	990.3	990.8	991.6	992.5	992.9	992.6	991.1	993.0	988.6
<b>28</b>	992.5	992.0	991.6	991.7	992.4	993.6	994.4	995.2	995.4	995.4	992.9	995.6	991.3
<b>29</b>	995.3	995.6	995.2	995.3	996.1	996.7	997.5	998.1	998.7	998.6	996.0	998.7	993.7
<b>30</b>	997.5	997.1	996.7	996.3	996.2	997.0	998.0	998.6	998.6	998.3	997.2	998.7	995.6
<b>31</b>	996.3	995.6	995.0	994.8	995.0	995.5	995.6	996.1	996.2	996.1	996.5	998.3	994.7
<b>平均 MÉD</b>											994.2	996.0	992.3
<b>全月 MÉS</b>												1000.5	983.4

海平面氣壓 (百帕斯卡)

PRESSÃO ATMOSFÉRICA AO NÍVEL MÉDIA DO MAR ( hPa )

ATMOSPHERIC PRESSURE AT MEAN SEA LEVEL ( hPa )

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	999.8	999.2	998.9	998.8	998.7	998.6	999.1	999.4	1000.3	999.8	999.7	999.1	998.9	998.0
2	998.2	998.7	999.0	998.3	998.0	998.1	998.8	999.1	999.4	999.8	1000.1	1000.0	999.6	999.2
3	1000.1	999.8	999.3	998.8	999.5	999.8	1000.3	1000.2	1000.1	1001.0	1001.2	1000.9	1000.3	1000.4
4	1001.2	1002.1	1002.4	1002.8	1002.8	1003.1	1003.7	1003.7	1003.8	1003.8	1004.5	1003.6	1003.5	1004.0
5	1005.0	1004.8	1004.6	1004.5	1004.3	1004.9	1005.2	1005.9	1005.9	1006.2	1005.8	1005.4	1004.9	1004.4
6	1004.8	1004.5	1003.8	1003.7	1003.4	1004.4	1005.7	1006.1	1006.9	1006.9	1006.7	1006.5	1006.2	1005.7
7	1007.1	1006.9	1006.5	1006.4	1006.9	1007.2	1007.3	1007.6	1008.3	1008.6	1008.6	1008.3	1008.0	1007.5
8	1009.8	1009.3	1009.3	1009.4	1009.3	1009.3	1009.5	1009.8	1010.1	1010.2	1010.2	1010.1	1009.7	1008.7
9	1010.0	1009.5	1008.8	1009.3	1009.3	1009.6	1010.2	1010.3	1010.7	1010.8	1010.7	1010.4	1010.0	1009.5
10	1010.1	1009.5	1009.1	1008.6	1008.6	1008.5	1008.9	1009.3	1009.4	1010.0	1010.6	1010.4	1009.5	1009.0
11	1008.6	1008.1	1007.6	1007.5	1007.5	1007.7	1008.1	1008.5	1008.4	1008.6	1008.4	1008.0	1007.6	1007.0
12	1007.5	1007.4	1007.2	1007.3	1007.5	1007.7	1008.3	1008.8	1009.1	1009.1	1009.1	1009.0	1008.8	1008.6
13	1010.0	1009.6	1009.3	1009.5	1009.6	1010.2	1010.9	1010.9	1011.3	1011.7	1011.9	1011.4	1010.7	1010.5
14	1010.2	1010.2	1010.0	1009.8	1009.8	1009.8	1010.1	1010.0	1010.2	1010.3	1010.5	1010.3	1009.8	1009.4
15	1009.1	1008.8	1008.9	1009.1	1009.3	1009.9	1010.4	1010.9	1010.9	1011.0	1010.9	1010.6	1010.1	1009.7
16	1009.8	1009.1	1008.8	1008.8	1008.5	1008.5	1008.8	1008.9	1008.8	1008.9	1007.9	1007.2	1007.5	1006.4
17	1008.4	1008.2	1007.6	1007.4	1007.6	1007.6	1008.5	1008.7	1008.7	1009.2	1009.2	1009.1	1008.6	1007.7
18	1008.5	1008.1	1007.6	1007.0	1006.9	1006.7	1006.3	1006.3	1006.5	1007.0	1007.2	1006.9	1006.2	1005.5
19	1006.6	1006.1	1005.8	1005.0	1005.3	1005.6	1005.4	1006.0	1006.3	1006.7	1006.6	1006.4	1006.0	1005.6
20	1006.7	1006.8	1006.3	1006.5	1006.6	1007.0	1007.8	1007.7	1008.1	1009.1	1009.4	1009.3	1008.5	1008.3
21	1011.4	1010.6	1010.1	1010.0	1009.9	1010.1	1010.5	1011.2	1011.8	1012.7	1012.6	1012.5	1012.4	1012.0
22	1013.0	1012.6	1012.0	1011.9	1012.1	1011.7	1012.0	1012.4	1012.9	1013.2	1013.1	1013.1	1012.3	1012.5
23	1012.4	1011.5	1011.0	1010.5	1010.4	1010.7	1010.9	1011.5	1011.8	1011.8	1011.8	1011.7	1011.1	1010.6
24	1009.5	1009.1	1008.6	1008.2	1008.2	1008.4	1008.7	1008.9	1009.3	1009.2	1008.8	1008.3	1007.7	1007.1
25	1006.8	1006.5	1006.5	1006.1	1006.0	1005.8	1006.3	1006.4	1006.8	1006.7	1006.5	1006.1	1005.6	1005.3
26	1005.9	1005.2	1005.0	1004.9	1004.8	1005.0	1005.2	1005.4	1006.0	1006.1	1006.2	1005.7	1005.6	1005.3
27	1005.5	1004.9	1004.4	1004.4	1004.2	1004.5	1004.5	1004.8	1004.6	1004.5	1004.4	1004.4	1003.6	1003.2
28	1005.4	1004.9	1004.9	1004.8	1004.9	1005.2	1005.5	1005.6	1005.8	1006.2	1006.6	1006.2	1005.9	1005.8
29	1008.1	1007.8	1007.5	1006.9	1007.1	1007.4	1007.9	1008.5	1009.7	1010.1	1010.2	1010.0	1009.6	1009.0
30	1010.8	1009.8	1009.5	1009.3	1009.1	1009.0	1009.4	1009.7	1010.5	1011.2	1011.4	1011.2	1011.3	1011.0
31	1010.7	1009.7	1009.3	1009.3	1009.6	1009.8	1010.4	1010.3	1010.9	1011.2	1011.2	1010.8	1010.6	1010.1

海平面氣壓 (百帕斯卡)

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

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

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	997.1	996.7	996.2	996.4	997.3	997.9	998.0	998.7	999.2	999.4	998.6	1000.3	996.2
2	998.5	998.4	998.2	998.2	998.3	998.5	999.3	999.6	1000.4	1000.1	999.0	1000.4	998.0
3	1000.0	1000.4	1000.0	1000.0	1000.0	1002.2	1001.9	1003.9	1003.7	1001.4	1000.6	1003.9	998.8
4	1003.8	1004.2	1003.5	1003.0	1004.1	1005.2	1005.6	1005.7	1005.7	1005.7	1003.8	1005.7	1001.2
5	1003.9	1003.4	1003.3	1003.8	1003.9	1004.8	1005.3	1005.4	1005.5	1005.1	1004.8	1006.2	1003.3
6	1005.5	1005.6	1005.2	1004.9	1005.2	1005.6	1006.4	1006.7	1007.1	1007.2	1005.6	1007.2	1003.4
7	1007.2	1007.2	1007.1	1007.4	1007.5	1008.3	1008.8	1009.5	1010.1	1010.3	1007.8	1010.3	1006.4
8	1008.0	1007.4	1007.2	1007.9	1008.0	1008.9	1009.5	1010.0	1011.1	1010.8	1009.3	1011.1	1007.2
9	1009.0	1008.7	1008.5	1008.4	1008.8	1009.3	1010.1	1010.3	1010.8	1010.5	1009.7	1010.8	1008.4
10	1008.5	1008.8	1008.1	1008.2	1008.3	1008.6	1009.0	1009.3	1009.5	1009.0	1009.1	1010.6	1008.1
11	1007.1	1006.1	1006.1	1006.0	1006.3	1006.8	1007.6	1007.7	1008.0	1007.6	1007.5	1008.6	1006.0
12	1008.2	1008.3	1008.4	1008.5	1008.6	1009.8	1010.2	1010.8	1009.9	1010.2	1008.7	1010.8	1007.2
13	1009.6	1009.0	1008.9	1009.3	1009.5	1009.5	1009.9	1010.6	1011.0	1010.6	1010.2	1011.9	1008.9
14	1008.7	1008.2	1008.3	1008.4	1008.9	1009.1	1009.5	1010.1	1010.0	1009.4	1009.6	1010.5	1008.2
15	1008.9	1008.2	1007.7	1007.7	1008.0	1008.9	1009.6	1010.1	1010.3	1010.1	1009.5	1011.0	1007.7
16	1006.0	1006.5	1006.6	1006.5	1007.0	1007.3	1007.5	1008.2	1008.6	1008.5	1007.9	1009.8	1006.0
17	1007.4	1007.0	1006.8	1006.4	1006.7	1007.3	1007.4	1007.9	1008.2	1008.5	1007.9	1009.2	1006.4
18	1005.4	1004.8	1004.3	1004.3	1004.4	1004.8	1005.8	1006.4	1006.7	1006.6	1006.2	1008.5	1004.3
19	1005.6	1005.2	1005.0	1005.0	1005.4	1006.1	1006.9	1007.2	1007.6	1007.3	1006.0	1007.6	1005.0
20	1008.2	1007.7	1007.9	1008.6	1009.4	1010.2	1010.8	1011.4	1012.0	1011.8	1008.6	1012.0	1006.3
21	1011.3	1011.4	1011.1	1011.3	1011.3	1012.1	1012.3	1012.7	1013.0	1013.4	1011.6	1013.4	1009.9
22	1011.8	1011.0	1011.3	1011.4	1011.7	1012.1	1012.7	1013.3	1013.4	1013.1	1012.4	1013.4	1011.0
23	1010.4	1009.8	1009.2	1009.0	1009.0	1009.4	1010.0	1010.6	1010.4	1010.1	1010.6	1012.4	1009.0
24	1006.5	1006.1	1005.7	1005.8	1006.0	1006.5	1007.1	1007.4	1007.5	1007.0	1007.7	1009.5	1005.7
25	1005.1	1004.5	1004.4	1004.3	1004.9	1005.7	1006.2	1006.8	1007.0	1006.5	1006.0	1007.0	1004.3
26	1004.9	1004.7	1004.0	1004.0	1004.3	1004.8	1005.0	1005.6	1006.3	1006.2	1005.2	1006.3	1004.0
27	1002.1	1001.5	1001.9	1002.4	1003.3	1003.8	1004.6	1005.6	1006.0	1005.7	1004.1	1006.0	1001.5
28	1005.4	1004.9	1004.6	1004.7	1005.4	1006.6	1007.5	1008.3	1008.5	1008.5	1005.9	1008.5	1004.6
29	1008.5	1008.8	1008.4	1008.5	1009.3	1009.9	1010.7	1011.3	1011.9	1011.8	1009.1	1011.9	1006.9
30	1010.7	1010.3	1009.9	1009.5	1009.4	1010.2	1011.2	1011.8	1011.8	1011.5	1010.4	1011.8	1009.0
31	1009.3	1008.6	1008.0	1007.8	1008.1	1008.6	1008.7	1009.2	1009.3	1009.2	1009.6	1011.2	1007.8
平均 MÉD											1007.2	1009.0	1005.5
全月 MÉS												1013.4	996.2

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>	29.1	28.9	28.3	28.4	28.5	28.7	29.1	29.9	31.3	32.6	33.9	35.0	36.0	35.5
<b>2</b>	29.7	29.2	28.7	28.7	28.9	28.9	29.4	30.4	32.5	32.3	32.6	33.7	34.4	32.6
<b>3</b>	28.6	28.8	28.7	28.7	28.7	28.7	28.7	28.0	28.2	28.6	28.9	29.6	30.8	30.9
<b>4</b>	28.2	28.2	28.2	28.1	27.9	27.8	27.9	28.7	29.8	30.1	30.3	30.3	29.8	29.0
<b>5</b>	28.0	27.8	27.8	27.8	27.8	27.8	28.1	28.2	30.0	29.9	29.8	30.4	30.4	29.9
<b>6</b>	28.1	28.1	27.8	27.8	27.9	27.9	28.0	28.1	28.7	28.6	29.1	29.5	30.0	29.8
<b>7</b>	28.1	28.0	27.9	27.9	27.8	27.9	27.9	28.2	29.3	29.5	30.3	30.2	31.1	31.1
<b>8</b>	27.8	27.7	27.6	27.7	27.5	27.4	27.7	28.1	29.4	29.7	29.8	30.9	30.6	31.2
<b>9</b>	27.7	27.6	27.5	27.4	27.2	27.1	27.2	28.5	29.4	29.8	29.6	29.9	30.4	30.8
<b>10</b>	26.5	26.6	26.8	26.7	26.7	26.7	27.0	28.1	29.9	29.1	28.1	28.1	28.8	29.8
<b>11</b>	26.9	27.1	27.1	27.1	27.1	27.0	27.5	28.4	29.1	29.5	29.2	29.2	28.5	29.1
<b>12</b>	27.4	27.3	27.2	27.1	27.1	27.1	27.2	27.5	27.9	28.2	28.2	28.6	28.9	29.0
<b>13</b>	25.7	26.1	26.5	26.5	26.4	26.4	26.7	27.2	27.5	27.2	26.6	26.2	27.2	28.4
<b>14</b>	26.0	25.8	25.7	25.8	25.8	25.7	25.9	26.6	28.9	29.5	29.3	30.0	30.5	30.6
<b>15</b>	26.4	26.3	26.0	25.9	25.8	25.7	26.0	28.0	30.0	31.0	32.1	32.4	32.6	32.3
<b>16</b>	27.2	26.8	26.5	26.5	26.4	26.6	26.6	27.6	27.4	26.7	25.8	24.9	25.7	26.7
<b>17</b>	26.6	26.8	26.7	26.8	26.7	25.9	26.0	25.4	26.6	27.0	25.3	26.7	27.5	28.9
<b>18</b>	25.7	25.7	25.7	25.8	25.6	25.4	26.0	26.8	28.1	29.0	29.7	29.7	30.3	30.0
<b>19</b>	27.4	27.2	27.2	27.1	27.1	27.1	27.4	27.7	27.9	28.9	29.8	30.2	30.5	30.2
<b>20</b>	27.5	27.6	27.2	27.0	25.6	25.7	26.1	26.4	27.8	26.9	27.8	28.4	29.3	29.8
<b>21</b>	25.2	25.4	25.6	25.1	25.3	25.1	25.5	25.9	26.9	27.0	26.2	26.4	26.9	26.6
<b>22</b>	26.2	26.3	26.2	25.5	23.9	24.1	25.4	26.9	28.1	28.8	29.4	29.4	29.6	29.3
<b>23</b>	26.5	26.4	26.4	26.6	26.5	26.5	26.4	26.9	29.2	29.4	29.1	28.7	29.4	29.3
<b>24</b>	26.2	26.1	26.0	25.8	25.7	25.6	26.0	27.3	27.9	28.0	30.0	31.2	31.2	30.9
<b>25</b>	26.3	26.2	26.2	26.2	25.9	25.7	26.4	27.6	29.0	29.7	30.6	31.3	31.9	31.7
<b>26</b>	26.8	26.8	26.8	26.7	26.5	26.6	27.0	28.3	29.0	29.7	30.8	31.8	30.0	28.8
<b>27</b>	26.6	26.4	26.3	26.3	26.0	25.9	26.2	27.6	29.8	30.9	31.7	32.7	32.4	31.5
<b>28</b>	26.9	26.7	26.8	26.8	26.6	26.5	26.8	27.0	28.5	29.1	29.8	31.0	31.1	31.5
<b>29</b>	26.9	26.8	26.7	26.7	26.8	26.9	27.0	26.8	24.6	24.8	25.2	25.3	25.7	25.8
<b>30</b>	25.8	25.9	25.8	25.8	25.8	25.9	26.0	26.6	27.2	27.0	26.5	26.5	26.4	26.3
<b>31</b>	25.9	25.8	25.8	26.0	25.9	25.5	25.8	27.0	28.5	29.3	29.9	30.0	30.4	30.5

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	32.9	33.0	32.6	32.9	32.0	31.5	30.2	29.4	29.2	29.8	31.2	36.1	27.9
2	31.1	29.6	29.8	30.1	30.0	29.9	29.2	29.0	28.8	28.8	30.3	34.9	28.6
3	29.5	28.9	28.6	28.4	28.6	28.6	28.4	28.4	27.8	28.1	28.8	31.1	27.7
4	28.6	28.5	28.5	28.5	28.5	28.4	28.4	28.2	28.0	28.0	28.7	30.4	27.8
5	30.0	30.5	29.5	29.0	28.8	28.6	28.5	28.4	28.3	28.3	28.9	30.6	27.7
6	29.4	29.0	28.8	28.6	28.4	28.3	28.3	28.2	28.2	28.2	28.5	30.1	27.7
7	30.5	30.2	29.9	29.4	28.5	28.3	28.1	28.1	28.0	27.9	28.9	31.2	27.8
8	30.6	29.6	29.3	28.8	28.3	28.1	28.1	28.0	28.0	27.9	28.7	31.2	27.4
9	30.6	29.5	29.2	28.8	28.3	27.9	27.6	27.5	25.9	26.0	28.4	31.0	25.4
10	29.6	26.7	27.6	27.2	27.4	27.0	27.2	27.3	27.3	27.1	27.6	30.1	25.9
11	27.3	28.3	28.5	28.0	27.7	27.6	27.6	27.6	27.5	27.5	27.9	29.9	26.9
12	28.7	28.6	28.2	28.0	27.7	27.5	26.9	25.1	24.8	25.1	27.5	29.3	24.6
13	28.9	29.2	28.5	28.3	27.6	27.0	26.4	26.4	26.4	26.2	27.1	29.3	25.1
14	30.4	30.2	29.4	29.4	28.2	27.5	27.2	27.0	27.0	26.7	27.9	30.7	25.7
15	31.9	31.5	31.3	30.6	30.0	28.5	28.4	28.0	27.7	27.5	29.0	32.9	25.7
16	26.7	25.4	24.0	24.0	24.4	25.4	25.7	26.1	26.4	26.3	26.1	27.7	23.4
17	28.7	28.9	28.5	28.3	27.5	27.2	27.1	27.1	26.7	25.9	27.0	29.2	24.7
18	29.9	29.6	29.3	28.8	28.0	27.8	27.8	27.7	27.5	27.5	27.8	30.3	25.2
19	29.9	29.8	29.6	28.9	28.3	28.0	27.5	27.6	27.6	27.6	28.4	30.6	27.0
20	30.1	29.1	28.4	27.1	27.1	24.1	25.2	25.8	24.8	25.2	27.1	30.2	23.8
21	26.5	26.9	27.1	26.3	26.4	26.5	26.2	26.5	26.5	24.9	26.1	27.3	24.9
22	28.7	28.3	27.7	27.5	27.3	27.0	26.8	26.8	26.9	26.8	27.2	29.8	23.6
23	28.8	28.8	28.4	28.3	27.6	27.1	26.7	26.5	26.5	26.4	27.6	29.4	26.3
24	31.0	30.8	30.4	29.2	28.3	27.5	26.7	26.4	26.3	26.3	28.0	31.6	25.6
25	30.6	29.8	29.3	28.9	28.1	27.4	27.2	27.1	27.0	26.9	28.2	32.1	25.7
26	29.4	29.5	28.7	28.3	27.3	27.1	26.9	26.9	26.8	26.9	28.0	31.9	26.5
27	32.7	31.6	30.9	29.7	29.0	27.8	27.4	27.0	26.9	26.9	28.8	32.9	25.8
28	30.5	30.1	29.2	28.9	28.5	28.1	27.6	27.4	27.5	27.4	28.3	31.6	26.5
29	26.0	26.0	26.0	25.9	25.7	25.6	25.8	25.9	26.1	26.0	26.0	27.2	24.5
30	26.2	26.2	26.3	26.2	26.0	25.9	26.0	26.0	25.9	25.9	26.2	27.2	25.7
31	30.2	30.5	30.5	30.1	28.2	27.3	27.0	26.8	26.7	26.6	27.9	30.7	25.5
平均 MÉD											28.0	30.6	26.0
全月 MÉS												36.1	23.4

**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>	26.0	26.2	24.7	24.7	25.7	25.9	26.4	26.6	26.6	26.6	26.5	27.1	27.6	26.8
<b>2</b>	23.3	23.7	24.7	23.5	23.3	23.9	23.5	24.9	24.8	25.7	25.2	26.1	25.4	27.4
<b>3</b>	26.0	25.7	25.7	25.7	25.5	25.1	25.2	25.6	25.8	26.3	26.2	26.0	26.7	26.4
<b>4</b>	26.3	26.1	25.5	25.7	25.4	25.6	25.9	26.1	26.1	26.4	26.5	26.5	26.2	26.0
<b>5</b>	26.2	26.1	26.0	26.1	25.9	25.7	25.8	25.8	26.1	26.3	26.4	25.9	25.9	25.8
<b>6</b>	26.1	25.9	25.8	25.8	25.6	25.5	25.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8
<b>7</b>	26.1	26.0	26.0	25.9	25.8	25.6	25.6	25.5	25.5	25.2	25.0	25.5	25.4	25.6
<b>8</b>	25.9	25.9	25.4	25.4	25.4	25.5	25.8	25.7	25.8	25.8	25.3	25.9	25.8	25.8
<b>9</b>	25.2	25.4	25.1	25.1	24.5	24.3	24.1	24.0	24.7	24.7	24.2	24.2	24.0	24.2
<b>10</b>	24.2	24.3	24.5	24.0	23.5	23.7	24.1	24.1	24.4	24.3	24.7	24.0	25.3	25.1
<b>11</b>	24.4	24.3	24.2	24.1	23.8	24.2	24.3	24.3	24.5	25.1	24.7	24.9	24.8	24.9
<b>12</b>	24.9	24.5	24.6	24.6	24.4	24.4	24.4	24.6	24.9	24.9	24.7	24.9	24.7	24.5
<b>13</b>	24.0	24.6	25.0	24.8	24.6	24.6	24.9	25.3	25.0	25.1	23.5	23.9	25.1	25.1
<b>14</b>	24.1	24.1	23.9	24.2	24.1	24.0	24.3	25.0	25.1	25.3	24.9	23.9	23.7	22.8
<b>15</b>	23.2	23.5	23.7	23.6	23.4	23.5	23.8	24.7	24.7	24.7	25.8	24.9	25.6	23.5
<b>16</b>	24.2	23.5	22.7	22.4	22.8	22.7	22.6	22.6	23.0	22.7	21.9	22.3	22.2	22.4
<b>17</b>	24.7	25.0	24.5	24.7	24.2	23.1	24.1	23.9	24.9	24.8	22.7	25.0	24.6	25.0
<b>18</b>	24.1	24.2	24.3	24.5	24.3	23.7	24.5	24.9	25.1	24.6	25.2	25.1	25.5	25.0
<b>19</b>	24.7	24.6	24.6	24.6	24.6	24.4	24.6	24.6	23.7	25.1	25.5	25.5	25.3	25.0
<b>20</b>	24.6	24.8	24.1	24.3	23.8	23.5	24.3	24.4	24.0	23.1	23.8	24.5	24.6	24.6
<b>21</b>	23.7	23.9	24.2	23.6	23.7	22.7	23.6	24.0	24.8	24.5	23.9	23.8	24.5	24.3
<b>22</b>	24.8	24.9	24.9	23.8	22.0	22.6	24.0	25.0	24.9	25.0	25.2	24.7	24.3	24.0
<b>23</b>	24.0	24.3	24.0	23.7	23.5	24.1	23.7	24.4	25.0	24.6	24.6	23.1	23.9	23.8
<b>24</b>	24.2	24.4	24.3	24.1	23.8	23.5	24.2	24.6	24.1	24.4	25.1	25.4	24.0	24.3
<b>25</b>	24.0	23.9	23.6	23.5	23.4	23.2	24.1	24.4	24.5	24.9	24.4	24.3	24.7	24.5
<b>26</b>	23.8	23.7	23.8	23.1	23.1	23.6	23.6	24.1	24.6	24.2	24.5	25.1	22.9	23.7
<b>27</b>	23.6	23.5	22.6	22.7	22.6	22.6	22.9	23.2	23.1	23.9	22.7	24.7	23.7	23.3
<b>28</b>	23.6	24.2	24.7	24.9	24.8	24.7	24.7	24.8	25.6	25.5	25.3	25.3	25.1	24.9
<b>29</b>	24.9	24.8	24.7	24.7	24.7	24.9	25.2	25.1	23.3	23.6	24.1	24.2	24.6	24.6
<b>30</b>	24.6	24.8	24.6	24.5	24.5	24.6	24.8	25.4	25.8	25.5	25.0	25.1	24.9	24.6
<b>31</b>	24.4	24.3	24.4	24.5	24.5	24.1	24.5	25.4	25.2	25.1	24.8	25.0	25.5	25.1

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	24.4	27.7	28.1	27.6	27.0	26.6	24.1	23.9	23.2	23.7	26.0	28.1	23.2
2	26.8	27.1	26.5	26.9	27.0	26.9	26.8	26.6	26.4	26.2	25.5	27.4	23.3
3	26.2	26.6	26.6	26.0	25.7	24.7	25.7	25.5	25.3	26.1	25.8	26.7	24.7
4	25.5	25.8	25.8	25.8	26.1	26.0	26.0	26.1	26.2	26.2	26.0	26.5	25.4
5	25.8	26.1	25.9	25.9	26.0	25.9	26.1	26.0	26.0	26.2	26.0	26.4	25.7
6	25.7	25.6	25.8	25.8	25.9	25.9	26.0	26.1	26.1	26.1	25.8	26.1	25.5
7	25.6	25.8	25.8	25.2	25.3	25.2	25.7	25.7	25.8	25.8	25.6	26.1	25.0
8	25.3	25.4	25.1	25.2	25.4	25.4	25.4	25.7	25.3	25.4	25.5	25.9	25.1
9	22.8	23.3	22.8	23.7	23.9	24.1	24.1	23.9	23.2	23.0	24.1	25.4	22.8
10	23.9	23.5	24.6	23.3	24.3	24.0	24.5	24.3	24.3	24.1	24.2	25.3	23.3
11	24.7	25.3	24.6	24.4	24.6	24.7	24.7	24.9	24.6	24.8	24.6	25.3	23.8
12	24.4	24.5	24.3	24.4	24.5	24.6	23.3	22.6	22.7	23.3	24.3	24.9	22.6
13	24.5	24.2	23.9	23.4	24.0	24.3	24.1	24.1	24.2	24.1	24.4	25.3	23.4
14	22.9	23.1	23.7	23.7	23.7	23.8	24.1	23.4	23.5	23.3	23.9	25.3	22.8
15	24.3	23.5	22.8	22.7	22.2	22.5	22.8	24.9	24.8	24.7	23.9	25.8	22.2
16	22.2	22.6	22.1	22.2	22.6	23.8	24.2	24.5	25.0	24.8	23.0	25.0	21.9
17	25.0	24.7	24.6	24.5	24.1	24.0	24.3	24.4	24.6	24.1	24.4	25.0	22.7
18	24.7	24.6	24.6	24.4	24.1	24.4	24.4	24.4	24.3	24.6	24.6	25.5	23.7
19	25.4	24.9	24.8	24.6	24.6	24.8	24.6	24.5	24.9	25.2	24.8	25.5	23.7
20	24.6	24.8	24.6	23.9	24.1	22.4	23.5	24.1	23.1	23.6	24.0	24.8	22.4
21	23.8	24.4	24.6	24.0	24.3	24.5	24.6	25.0	25.0	22.9	24.1	25.0	22.7
22	24.9	24.2	24.3	24.0	24.0	24.5	24.8	24.4	24.6	24.5	24.3	25.2	22.0
23	23.7	23.5	23.2	23.5	23.7	24.0	24.3	24.4	24.4	24.4	24.0	25.0	23.1
24	23.6	23.6	24.6	24.3	24.4	24.4	23.7	23.9	23.7	23.8	24.2	25.4	23.5
25	23.3	22.8	23.1	23.4	24.0	24.1	23.9	23.7	23.9	24.1	23.9	24.9	22.8
26	23.0	23.4	23.0	22.4	22.6	23.0	22.9	23.4	23.3	23.7	23.5	25.1	22.4
27	23.8	24.6	23.9	23.6	23.8	23.6	23.9	23.8	23.8	23.0	23.4	24.7	22.6
28	23.5	24.8	24.5	24.7	24.5	24.8	24.7	24.9	25.0	25.0	24.8	25.6	23.5
29	24.6	24.5	24.5	24.4	24.4	24.4	24.5	24.6	24.9	24.8	24.5	25.2	23.3
30	24.5	24.5	24.6	24.5	24.2	24.2	24.3	24.3	24.3	24.5	24.7	25.8	24.2
31	24.6	24.7	24.2	24.6	24.1	23.5	24.2	24.1	24.3	24.6	24.6	25.5	23.5
平均 MÉD											24.6	25.6	23.4
全月 MÉS												28.1	21.9

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>	83	85	81	80	85	85	85	82	76	71	66	64	62	61
<b>2</b>	68	72	79	74	72	74	70	72	64	68	65	65	60	74
<b>3</b>	85	83	83	83	83	81	82	87	87	87	85	81	78	77
<b>4</b>	89	88	85	87	86	88	89	86	80	81	80	80	81	83
<b>5</b>	90	91	90	90	90	89	87	87	80	81	82	77	77	79
<b>6</b>	89	88	89	89	88	87	87	86	85	85	83	80	78	79
<b>7</b>	89	89	89	89	89	88	87	85	80	78	74	76	72	73
<b>8</b>	89	90	87	87	88	89	89	87	81	80	77	75	76	73
<b>9</b>	86	88	87	87	85	85	83	77	76	74	73	72	69	68
<b>10</b>	87	87	87	85	83	83	84	79	73	75	82	78	81	76
<b>11</b>	86	85	84	84	82	85	83	79	76	77	77	78	80	78
<b>12</b>	86	84	86	86	85	85	85	84	84	82	81	80	78	77
<b>13</b>	91	91	92	90	90	90	90	89	87	88	83	87	88	82
<b>14</b>	90	90	90	90	90	90	91	91	80	78	77	70	67	63
<b>15</b>	82	84	87	87	87	88	87	82	73	69	70	64	67	60
<b>16</b>	84	82	79	78	81	79	79	74	77	79	79	86	81	77
<b>17</b>	89	90	88	88	86	84	89	92	91	87	86	90	84	80
<b>18</b>	91	91	92	92	93	91	91	89	83	77	77	76	76	75
<b>19</b>	85	85	86	86	86	85	85	83	78	80	77	76	74	74
<b>20</b>	84	85	83	85	89	88	90	89	80	80	79	79	76	74
<b>21</b>	91	91	92	91	91	87	89	89	88	86	87	86	87	87
<b>22</b>	92	92	92	90	89	92	92	90	83	80	78	76	73	73
<b>23</b>	86	88	87	84	84	87	85	86	78	75	76	72	72	73
<b>24</b>	89	90	90	90	89	88	90	85	80	81	75	71	65	68
<b>25</b>	87	87	86	85	86	86	88	83	77	76	70	66	65	66
<b>26</b>	84	83	84	81	81	84	82	78	77	72	69	68	66	74
<b>27</b>	83	84	80	81	81	82	82	77	68	66	59	63	60	62
<b>28</b>	82	86	88	89	90	90	89	87	84	81	77	72	71	68
<b>29</b>	89	89	88	88	88	89	90	90	92	93	93	93	93	93
<b>30</b>	93	93	93	93	93	92	93	93	92	92	91	92	91	90
<b>31</b>	92	91	92	92	92	92	92	91	82	78	74	75	75	73

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	61	74	77	74	75	76	70	72	70	70	74	86	58
2	78	86	83	83	84	84	87	87	87	86	76	88	59
3	82	87	89	87	84	80	85	84	86	89	84	90	75
4	84	85	85	85	87	87	87	88	89	90	85	90	79
5	79	77	81	83	85	85	87	87	87	88	84	91	76
6	80	82	84	85	86	87	87	88	89	88	85	90	78
7	75	77	79	78	83	84	87	87	88	88	83	89	69
8	73	78	78	81	84	85	85	87	85	86	83	90	71
9	63	69	68	74	77	80	81	81	85	83	78	88	62
10	72	83	84	79	83	84	85	84	84	84	82	88	71
11	86	83	79	81	83	84	84	85	84	85	82	87	74
12	78	79	79	81	83	84	81	86	88	90	83	90	75
13	77	75	76	75	81	85	87	87	88	88	86	92	72
14	64	66	72	71	77	80	83	81	81	82	80	91	60
15	64	63	61	63	63	70	71	83	84	84	75	88	59
16	76	84	89	90	90	91	91	91	92	91	83	92	72
17	80	78	79	80	82	83	85	85	89	90	86	92	77
18	74	75	76	77	79	82	82	82	83	84	83	93	72
19	77	75	75	78	80	83	84	83	85	87	81	87	71
20	73	77	80	83	84	90	91	90	90	91	84	92	72
21	85	86	86	87	89	89	91	91	91	88	88	92	84
22	80	78	81	81	82	86	88	87	87	87	84	93	71
23	74	73	73	75	79	83	87	88	89	89	81	89	71
24	65	65	71	75	79	83	84	86	86	86	80	91	64
25	65	66	70	72	78	82	82	82	83	84	78	88	63
26	68	70	71	70	75	78	79	81	81	83	77	85	61
27	60	66	66	70	74	78	81	83	83	79	74	85	57
28	66	73	76	78	79	82	84	86	86	87	81	90	66
29	92	91	91	92	92	93	93	93	93	93	91	94	88
30	90	90	90	90	90	90	90	90	91	92	91	93	90
31	72	71	69	72	78	80	84	85	87	89	82	92	68
平均 MÉD											82	90	70
全月 MÉS												94	57

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	0.0	10.8	0.4	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	0.0	0.0	0.0	0.0	0.0	1.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	VST	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	VST	0.0	0.0	0.0	0.0	0.0	0.0
6	0.2	0.0	0.2	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	VST	0.0	0.0	0.0	VST	VST	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	VST	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	VST	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	VST	2.4	4.6	VST	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	1.0	0.0	VST	0.4	VST	0.0
14	0.0	0.0	0.2	0.0	0.0	VST	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	VST	0.2	VST	1.0	0.0	0.0
17	0.0	VST	VST	VST	0.0	0.0	1.6	3.4	0.0	0.0	9.4	VST	VST	0.0
18	0.0	0.0	VST	VST	3.4	VST	0.0	0.0	0.0	0.0	0.0	VST	0.0	0.0
19	0.0	0.0	VST	0.0	0.0	0.0	0.0	0.0	1.4	VST	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	VST	1.0	2.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
21	5.0	0.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	VST	VST
22	VST	0.0	0.0	2.8	3.8	1.4	VST	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	VST
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	VST	VST	0.2	VST	VST	VST	0.4	1.4	20.0	2.4	4.2	2.6	0.6	VST
30	0.6	VST	0.0	0.2	VST	0.0	1.0	VST	VST	0.0	VST	VST	0.2	VST
31	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	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	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	11.6	10.8
2	0.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.8
3	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	0.0	0.0	9.6	8.6
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
5	0.0	0.0	0.0	0.0	VST	0.0	0.0	0.0	0.0	0.0	VST	VST
6	0.0	0.0	0.0	VST	0.0	VST	0.0	0.0	0.0	0.0	0.4	0.2
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	VST	1.8	1.8
10	0.0	9.8	0.2	VST	0.0	0.0	0.0	0.0	0.0	0.0	17.0	9.8
11	3.0	VST	0.0	0.0	0.0	0.0	0.0	VST	0.0	0.0	3.0	3.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.6	1.4	0.0	4.2	2.6
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
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	0.6	11.8	1.4	0.8	0.2	0.2	VST	0.2	0.0	16.4	11.8
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	9.4
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.4
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	1.4	1.4
20	0.0	VST	VST	VST	0.6	8.2	VST	0.0	7.4	1.4	21.4	8.2
21	VST	0.0	0.2	0.2	VST	VST	2.4	VST	0.0	4.4	13.6	5.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	3.8
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	VST	0.0	0.0	0.0	0.0	0.0	VST	VST
28	0.0	0.0	0.0	0.0	0.0	VST	VST	VST	0.0	0.2	0.2	0.2
29	0.2	VST	0.2	VST	0.4	0.2	VST	VST	0.2	0.2	33.2	20.0
30	VST	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
全月 MÊS											165.2	20.0

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

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

平均  
**MÉD**

16.7

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

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

## 風向

## DIRECÇÃO DO VENTO

## WIND DIRECTION

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

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	20	WNW	43	W	SW	NW	5
2	30	S	49	SW	SSW		7
3	30	SSW	52	SSW			16
4	28	S SSW	48	S			12
5	34	S	59	S			22
6	36	S	66	S			24
7	33	S	58	S			16
8	26	S	42	S			19
9	22	S	44	S			22
10	22	S	58	S			20
11	28	S	55	S			24
12	30	S	52	S			17
13	16	S	35	S			12
14	17	S SSE	30	S			8
15	16	SE	28	S	SE		4
16	25	NW	46	N	S	NW	4
17	24	S	53	S			19
18	21	SSE	38	SSE			11
19	28	SSE	47	S			14
20	32	SSE	72	SE	SSE		11
21	32	ESE	80	ESE			18
22	23	ESE	63	ESE			14
23	17	SE	32	ESE			10
24	19	SE	32	SE			9
25	25	SE	48	ESE			10
26	24	ESE	57	ESE			14
27	21	S SSW	35	N			5
28	19	SE SSE	34	S			9
29	26	SE	54	SE			9
30	24	SE	36	SE			13
31	14	SE	23	SE			10

雲量 ( 0 - 10 )

NEBULOSIDADE ( 0 - 10 )

CLOUDINESS ( 0 - 10 )

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

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	9	8	7	6	6	7	7	7	6	4	4	6
2	6	8	8	8	7	7	8	7	7	8	6	7
3	9	9	9	9	9	9	9	9	9	9	9	8
4	9	9	9	9	9	9	9	9	8	9	9	8
5	8	7	8	8	8	9	9	9	9	8	8	8
6	9	9	9	9	9	9	9	9	9	9	9	9
7	8	8	7	7	7	8	8	8	8	8	9	8
8	8	9	8	8	8	8	8	7	8	8	8	8
9	8	8	8	8	8	8	8	9	9	10	9	8
10	8	8	9	8	8	8	8	7	8	8	6	8
11	9	9	9	9	9	9	9	9	8	9	9	8
12	9	9	9	9	9	9	9	9	8	7	8	9
13	9	8	7	6	7	7	4	3	3	3	2	7
14	3	6	7	7	7	8	8	7	6	6	6	5
15	3	3	4	4	4	4	4	3	3	4	4	4
16	9	9	9	10	10	10	9	9	9	9	9	8
17	7	8	8	8	6	6	7	6	7	8	6	8
18	7	6	6	7	6	8	8	6	6	3	8	6
19	8	8	8	9	9	9	9	9	9	9	9	8
20	9	9	9	9	9	10	10	9	9	9	10	9
21	9	9	9	9	7	9	8	8	8	8	10	9
22	8	7	7	8	8	9	8	8	8	8	8	7
23	8	8	8	7	7	8	7	6	6	6	6	7
24	6	6	3	2	2	2	3	3	3	3	3	4
25	4	4	4	3	3	6	6	4	4	4	6	4
26	6	6	6	6	6	6	3	3	3	4	8	6
27	8	9	9	9	9	9	9	9	9	9	9	6
28	8	8	9	9	9	9	9	9	9	9	9	8
29	10	10	10	10	10	10	10	10	10	10	10	10
30	9	9	9	9	9	9	9	9	8	8	9	9
31	6	6	6	6	4	4	2	3	3	3	2	6
平均 MÉD												7.3

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	0	1	0	0	0	0	0	0
300 - 600m	30	30	31	31	30	30	29	30	31	29	30	31	31
600 - 1000m	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	1	0	0	1	1	1	1	0	2	1	0	0

  

	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	0	1	0	0	0	0	0	2
300 - 600m	31	31	31	31	31	30	29	31	31	31	30	730
600 - 1000m	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	2	0	0	0	1	12

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

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

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	7	56	125	194	251	298	267	242	133	144	94	90	26	8	1935	298
2	6	58	124	162	166	272	303	311	280	124	32	39	22	5	1904	311
3	2	8	16	24	35	66	143	173	65	11	13	8	7	3	574	173
4	5	47	135	142	195	173	186	83	35	12	12	18	15	1	1059	195
5	6	39	88	154	128	202	170	188	167	250	170	50	13	3	1628	250
6	1	8	41	58	86	138	156	180	161	79	40	32	13	2	995	180
7	5	31	72	140	207	192	268	307	248	163	182	90	42	3	1950	307
8	4	28	90	169	132	199	180	212	256	152	96	72	23	2	1615	256
9	7	59	144	146	220	159	245	277	220	175	128	66	24	2	1872	277
10	4	42	137	191	145	132	164	248	250	220	89	164	60	5	1851	250
11	12	68	146	137	231	164	119	105	166	89	130	75	23	3	1468	231
12	5	31	42	88	111	104	133	190	132	87	54	48	23	3	1051	190
13	3	27	74	29	30	22	56	170	123	143	167	90	45	4	983	170
14	5	24	94	172	204	293	356	364	338	276	157	131	43	2	2459	364
15	8	68	147	220	280	327	351	349	321	273	220	143	64	8	2779	351
16	4	41	60	84	56	46	68	98	56	44	12	6	4	1	580	98
17	1	4	19	38	38	28	79	175	232	157	135	91	45	4	1046	232
18	5	35	89	197	253	245	330	320	238	228	170	109	36	4	2259	330
19	10	37	83	159	251	296	353	308	202	229	157	103	36	4	2228	353
20	3	45	45	74	74	141	196	280	210	224	173	48	24	2	1539	280
21	2	24	59	106	40	51	66	104	69	54	53	79	28	3	738	106
22	10	53	140	214	280	309	342	360	173	218	134	55	29	3	2320	360
23	2	23	130	202	169	157	233	277	172	180	135	110	74	9	1873	277
24	7	53	152	94	218	321	345	334	322	282	217	135	62	7	2549	345
25	7	60	138	204	264	323	348	349	307	278	221	144	69	12	2724	349
26	8	72	137	212	246	325	294	244	323	284	212	143	60	3	2563	325
27	3	56	133	207	251	295	256	144	119	118	73	23	17	3	1698	295
28	2	24	70	108	135	216	220	277	269	171	90	44	20	4	1650	277
29	0	2	6	6	10	18	23	55	55	50	25	20	6	1	277	55
30	2	16	67	46	35	30	44	41	45	32	30	26	16	2	432	67
31	5	47	139	205	295	254	286	308	270	260	210	145	62	2	2488	308
全月															51087	364
MÊS																
平均															1648	
MÉD																

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	6	36	63	81	94	103	131	140	85	94	67	58	22	7	987	140
2	5	40	73	93	117	146	148	158	151	86	28	34	18	4	1101	158
3	2	6	14	20	31	58	123	143	58	10	12	7	6	3	493	143
4	4	34	71	89	130	133	128	73	32	11	10	15	13	1	744	133
5	5	27	55	97	91	109	115	130	122	95	95	43	11	2	997	130
6	1	7	36	52	75	117	126	139	119	70	34	28	11	1	816	139
7	4	28	60	101	126	126	133	126	136	112	97	64	23	2	1138	136
8	3	24	58	104	106	154	129	137	148	116	84	55	17	1	1136	154
9	5	22	42	83	110	117	137	137	124	109	90	56	21	2	1055	137
10	4	22	43	90	86	92	109	131	124	116	56	74	35	4	986	131
11	9	33	45	77	124	123	94	91	118	74	95	53	20	2	958	124
12	4	27	37	66	84	91	114	135	108	77	47	42	20	2	854	135
13	3	22	54	26	27	19	50	141	107	80	62	36	23	3	653	141
14	4	20	38	83	91	107	35	34	30	50	55	40	14	2	603	107
15	4	15	23	21	27	30	38	36	39	40	30	28	21	4	356	40
16	3	22	41	72	50	41	59	85	50	39	10	5	3	1	481	85
17	0	3	16	33	33	25	70	120	133	115	103	73	26	3	753	133
18	4	27	51	66	77	96	94	97	100	83	53	46	17	2	813	100
19	9	29	55	74	89	98	110	127	114	112	93	72	31	4	1017	127
20	2	40	40	65	65	121	148	143	143	112	86	42	21	2	1030	148
21	1	21	50	76	34	45	58	91	61	48	47	56	21	2	611	91
22	9	27	39	38	46	68	71	60	110	100	76	47	25	3	719	110
23	1	20	74	113	124	130	155	163	129	132	98	78	48	6	1271	163
24	6	38	81	57	63	60	71	97	84	54	40	34	20	4	709	97
25	4	18	45	47	50	36	32	31	49	37	21	20	18	7	415	50
26	6	28	41	39	64	42	91	85	52	30	37	24	23	2	564	91
27	2	17	25	35	68	102	142	104	89	90	62	20	14	2	772	142
28	2	20	55	89	102	150	145	167	176	133	77	39	17	4	1176	176
29	0	2	5	5	9	16	21	49	49	44	22	18	5	0	245	49
30	1	14	59	41	31	26	39	37	40	28	27	23	14	1	381	59
31	5	28	30	37	59	123	140	95	98	66	57	39	20	1	798	140
全月															24632	176
MÊS																
平均															794	
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	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---

最低草溫, 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	25.2	29.8	30.7	31.2	29.1	30.8	31.2	7.7	
2	25.8	30.3	31.1	31.2	29.2	29.9	0.4	6.8	
3	26.6	30.0	30.8	31.3	29.2	28.9	11.6	0.0	
4	25.5	29.7	30.0	30.7	29.4	29.2	VST	3.0	
5	26.5	29.3	30.0	30.5	29.3	28.9	VST	7.2	
6	26.6	29.2	29.8	30.6	29.3	28.8	0.4	0.5	
7	26.9	29.3	29.9	30.4	29.3	28.7	VST	5.4	
8	26.1	29.4	30.0	30.5	29.3	28.7	VST	2.6	
9	25.7	29.2	30.0	30.5	29.3	29.0	VST	5.8	
10	23.5	29.8	29.1	30.5	29.3	29.0	1.8	6.3	
11	24.7	28.7	29.4	30.3	29.3	29.0	17.0	5.3	
12	25.2	28.5	29.3	30.1	29.3	28.7	3.0	0.7	
13	23.0	27.4	29.0	29.8	29.2	29.0	5.2	4.1	
14	22.0	28.0	28.7	29.5	29.1	29.5	0.6	9.6	
15	21.6	28.8	29.4	29.9	29.1	---	0.0	12.5	
16	22.9	29.6	30.3	30.6	29.1	29.5	VST	0.9	
17	23.6	27.7	28.8	29.7	29.1	26.8	21.4	3.0	
18	24.0	27.8	28.7	29.5	28.0	27.5	12.8	10.4	
19	24.4	28.6	29.2	29.7	29.0	27.9	1.4	7.6	
20	23.6	28.7	29.6	30.0	29.0	---	3.8	2.6	
21	22.7	27.8	28.7	29.7	29.0	27.7	24.0	0.3	
22	22.0	27.4	28.3	29.3	29.0	27.3	15.2	8.1	
23	23.9	27.2	28.9	29.5	29.0	27.3	0.0	3.7	
24	22.7	28.5	29.0	29.8	29.0	27.8	0.0	10.5	
25	22.4	29.1	29.8	30.2	28.8	27.6	0.0	12.3	
26	23.7	29.3	30.1	30.5	29.0	27.4	0.0	11.5	
27	22.4	29.3	30.1	30.7	29.1	26.4	0.0	6.2	
28	24.5	29.5	30.2	30.7	29.2	27.3	VST	2.7	
29	24.2	28.8	29.4	30.7	29.2	27.9	22.2	0.0	
30	24.4	28.2	28.9	29.8	29.3	27.2	13.0	0.0	
31	23.9	27.7	28.6	29.5	29.3	26.9	0.2	10.8	
平均 MÉD	24.2	28.8	29.5	30.2	29.1	28.3		5.4	
全月 MÊS	21.6						185.2	168.1	

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	3.6	---	39.3	27.2	74	1	TR AG m; BS a.p; TR p; AG p.n
2	4.6	5.5	40.0	26.5	118	0	TR AG p
3	3.0	5.6	39.5	27.4	165	1	RP m; TR a; AG a.p.n
4	2.0	3.6	32.4	27.0	125	0	AG m; TR p; RP n
5	1.7	3.2	34.9	27.8	120	0	TR RP m; AG a.n
6	2.7	5.4	35.7	25.1	214	0	RP m; AG m.p.n
7	2.0	2.5	33.2	27.4	151	0	AG a
8	2.8	5.3	36.5	27.0	142	0	AG a; RP n
9	2.4	3.8	36.0	26.5	119	0	RP m; AG a.n; TR n
10	3.2	7.0	30.7	25.4	104	0	AG a.p; TR p; RP n
11	2.8	7.1	34.6	25.7	146	0	TR a.p; AG p.n
12	2.6	4.3	32.0	26.0	167	0	RP m; HS a.p; RP AG n
13	1.8	3.9	33.0	25.6	93	1	RP m; TR a; AG a.p
14	1.5	1.2	32.5	25.0	32	0	AG m
15	2.7	6.4	37.2	24.9	68	0	
16	3.5	6.8	39.2	15.3	70	0	AG a.p.n
17	1.8	2.0	27.8	24.5	163	1	RP m; AG m.a; TR a; AG p
18	1.7	3.3	32.0	25.4	129	0	AG m.a
19	2.8	4.7	37.0	25.8	164	2	AG m.a.n; RP TR n
20	2.8	5.9	37.5	25.4	163	1	RP m; TR m.a; AG m.a.p.n; TR RP n
21	1.8	5.8	30.6	25.5	155	1	RP m; AG m.a; TR a; AI p; AG p.n; TR RP n
22	1.2	0.6	28.8	24.6	191	0	RP m; AG m.a; TR m.a.n; RP n
23	2.5	5.4	36.5	25.4	175	0	RP m; HS a
24	2.4	5.0	34.5	25.0	108	0	
25	2.3	7.0	38.2	25.0	95	0	
26	3.4	7.3	38.5	25.0	154	0	
27	3.2	6.1	34.0	24.5	147	0	TR p; AG p.n; RP n
28	2.7	3.8	36.8	26.0	58	0	RP m.n; AG n
29	2.0	6.2	36.2	25.4	78	2	RP m; TR m.a; AG m.a.p.n
30	0.4	1.2	27.5	25.1	98	2	AG m.a.p; TR p
31	0.8	2.2	28.5	25.3	96	0	NB m.a; AG a
平均 MÉD			34.6	25.4			
全月 MÊS	74.7	138.1	40.0	15.3	3882		

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

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

平均  
**MÉD**

11.5

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

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

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

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

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	18	SSW	37	C	8
2	26	SSW	49	C	10
3	24	SW SSW	50	SW	15
4	23	SW SSW	46	SSW	11
5	26	SSW	50	SSW	22
6	27	SSW	50	SSW	22
7	22	SSW	45	SSW	19
8	23	SSW	41	SSW	21
9	17	SSW	37	SSW	16
10	18	SSW	62	SSW	15
11	23	SSW	43	SSW	24
12	20	SSW	39	SSW	15
13	14	SSW	30	C	10
14	16	S	28	C	16
15	10	S	24	C	18
16	25	NNE	43	SW	6
17	16	S	38	SSW	15
18	19	S	36	S	18
19	23	S	45	S	22
20	30	S	59	S	14
21	18	NE ESE	58	NE	13
22	24	NE	61	NE	11
23	20	NE	33	NE	12
24	20	NE	28	NE	11
25	19	NE	37	NE	13
26	22	NE NNE	38	NE	16
27	18	SSW	34	NE	9
28	18	S	32	SSE	10
29	19	S	44	S	7
30	11	SE ESE	30	ESE	16
31	14	NE NNE	22	NE	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)	雨量 (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			Insolação (h)	Precipitação (mm) (09-09)
1	35.8	31.6	27.5	89	76	59	7.4	22.2
2	35.3	32.2	29.1	87	77	61	6.0	0.0
3	31.4	30.0	28.5	88	83	77	0.0	9.4
4	31.5	29.9	28.3	88	84	77	3.2	0.0
5	31.6	30.0	28.3	90	84	74	8.8	1.0
6	31.4	30.0	28.7	88	84	74	2.7	0.0
7	32.4	30.4	28.5	88	82	69	5.3	0.0
8	31.9	30.1	28.3	88	82	71	4.1	0.0
9	31.8	28.7	25.6	88	77	62	6.1	0.0
10	31.4	28.6	25.7	90	79	65	6.7	2.6
11	31.1	29.4	27.8	86	79	71	3.7	5.0
12	30.4	28.0	25.5	88	81	74	1.8	6.0
13	30.9	28.3	25.7	91	82	68	4.2	1.4
14	32.2	29.0	25.9	90	78	62	9.4	0.4
15	34.1	29.8	25.6	89	74	59	10.6	0.0
16	28.4	26.4	24.3	90	82	73	0.5	0.0
17	31.1	28.6	26.0	89	84	72	3.5	19.2
18	31.9	29.0	26.1	90	80	67	8.9	2.0
19	31.7	29.6	27.5	86	80	70	6.2	2.6
20	31.5	28.1	24.7	90	81	69	4.3	3.4
21	28.6	27.2	25.7	91	86	78	0.5	24.6
22	31.5	27.8	24.2	92	82	66	7.1	20.2
23	31.3	29.0	26.8	88	79	66	4.2	0.0
24	33.6	29.9	26.2	90	78	59	8.3	0.0
25	34.2	30.2	26.3	89	76	59	11.0	0.0
26	33.9	30.5	27.1	86	74	56	10.8	0.0
27	34.7	30.6	26.5	84	74	57	5.5	0.0
28	32.2	29.7	27.2	85	75	67	3.1	0.2
29	27.9	26.6	25.4	91	88	83	0.4	21.4
30	28.1	27.4	26.6	91	88	85	0.0	13.2
31	33.2	29.8	26.5	91	80	64	9.0	0.0
平均 MÉD	31.8	29.2	26.6	89	80	68	5.3	
全月 MÉS	35.8		24.2	92		56	163.3	154.8

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	30.6	30.6	31.1	29.1	2.6	1.8	38.5	27.1	18
2	31.0	30.6	31.0	29.1	4.1	4.6	39.0	26.5	46
3	30.0	30.4	30.9	29.2	2.7	6.0	38.5	27.3	59
4	29.5	29.7	30.5	29.2	1.6	2.8	32.0	27.0	61
5	29.7	29.8	30.3	29.3	1.6	0.6	35.5	27.0	59
6	29.9	30.0	30.4	29.1	2.8	6.5	38.0	27.5	108
7	30.0	29.9	30.4	29.2	2.3	3.8	36.5	28.0	74
8	30.4	30.0	30.4	29.1	2.3	4.7	37.0	27.5	66
9	30.0	30.0	30.5	29.1	3.1	5.1	37.5	27.0	63
10	29.5	29.8	30.4	29.2	3.2	5.7	38.0	26.0	37
11	29.2	29.4	30.2	29.1	3.4	4.2	34.6	26.2	65
12	29.0	29.4	29.9	29.1	3.1	3.5	32.0	26.5	86
13	29.0	29.0	29.6	29.0	1.7	3.3	35.0	26.0	40
14	29.0	29.0	29.5	29.0	1.7	2.4	34.5	26.0	12
15	29.5	29.5	30.0	29.0	2.7	5.5	40.2	25.6	13
16	29.5	30.0	30.4	29.0	2.8	5.0	40.5	26.5	13
17	28.0	28.1	29.5	29.0	1.4	0.6	28.1	24.8	51
18	28.6	28.8	28.4	28.0	1.7	1.4	34.3	25.9	22
19	29.4	29.4	29.9	29.9	3.3	6.3	39.9	26.5	37
20	29.0	29.5	30.0	28.9	2.9	4.9	37.9	26.0	42
21	28.5	28.7	29.6	28.9	1.8	1.2	35.7	25.0	34
22	28.2	28.3	29.4	28.9	1.1	2.7	30.0	25.0	32
23	29.5	29.4	29.5	28.9	2.1	3.2	36.5	26.0	23
24	29.0	29.2	29.7	28.9	1.7	3.8	35.5	25.7	7
25	29.8	29.8	30.2	28.8	2.5	6.6	39.7	25.5	6
26	30.0	30.3	30.5	29.0	3.0	5.7	40.5	26.1	21
27	29.9	30.0	30.9	29.0	3.0	5.5	39.5	25.5	22
28	29.6	29.9	30.3	29.0	2.6	3.3	36.5	26.4	17
29	28.1	29.4	30.5	29.1	2.3	3.7	39.5	26.0	12
30	28.9	28.9	29.5	29.1	0.6	0.3	31.2	25.5	12
31	28.7	28.8	29.3	29.1	1.0	0.7	30.1	25.8	6
平均 MÉD	29.4	29.5	30.1	29.0			36.2	26.2	
全月 MÊS					72.7	115.4	40.5	24.8	1164

# 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	35.4	31.5	27.6	36.3	31.6	27.5	36.7	31.7	27.7	36.4	32.5	28.6
2	34.7	31.4	29.2	36.8	31.7	29.2	34.5	31.0	28.9	36.5	32.1	30.5
3	32.2	29.6	27.7	33.5	30.0	28.5	32.2	29.7	28.5	32.9	30.5	28.4
4	31.9	29.5	28.5	33.5	30.0	28.7	31.3	29.5	28.2	32.2	30.3	29.2
5	32.3	29.9	27.8	33.6	30.6	28.6	32.7	29.9	28.5	32.8	30.6	29.0
6	31.8	29.6	28.7	32.8	30.2	29.2	31.8	29.5	28.8	32.0	30.3	29.6
7	33.0	29.9	28.3	34.4	30.6	28.7	31.9	29.8	28.6	32.9	30.5	29.2
8	33.1	29.7	28.3	34.5	30.5	28.6	32.2	29.7	28.5	33.3	30.5	29.1
9	33.5	29.6	27.3	35.0	30.3	27.9	33.7	29.6	25.3	33.0	30.2	27.6
10	31.3	28.5	25.9	32.9	29.1	26.8	32.3	29.0	25.9	31.6	29.2	26.7
11	30.3	28.6	24.4	31.9	29.3	24.9	31.5	29.3	26.7	31.3	29.6	26.0
12	31.2	28.3	25.0	31.9	29.0	25.7	31.1	28.7	25.4	31.3	29.2	26.3
13	31.5	27.7	25.8	32.5	27.8	25.8	31.7	28.3	25.9	31.6	28.8	26.9
14	32.6	28.7	26.2	34.2	29.3	26.1	33.3	29.1	25.9	32.7	29.5	26.9
15	33.1	29.4	26.3	35.0	29.9	26.0	34.7	29.8	25.6	33.1	29.8	26.9
16	28.7	26.9	23.9	29.4	27.1	23.5	29.2	27.1	24.0	29.6	27.7	24.6
17	30.4	27.5	23.4	32.2	28.0	23.7	31.6	28.5	25.9	31.2	28.3	24.5
18	31.0	28.2	25.1	32.5	28.9	25.6	32.6	29.0	25.3	31.2	28.8	26.1
19	31.5	29.0	27.1	33.2	29.8	27.7	32.2	29.5	27.4	31.3	29.3	27.9
20	30.0	27.4	23.9	31.2	28.0	24.7	30.8	27.9	24.0	30.0	28.1	24.6
21	27.9	26.8	24.5	29.0	27.1	25.5	28.9	27.3	25.6	28.3	27.5	26.0
22	30.7	27.9	23.3	32.1	28.7	23.8	31.8	28.4	22.8	30.1	28.4	23.0
23	30.1	28.2	27.2	32.0	28.9	27.2	31.5	28.8	27.4	30.1	28.6	27.6
24	31.2	28.3	26.7	32.7	28.9	26.5	32.7	28.8	26.7	31.3	28.7	26.9
25	31.0	28.6	26.8	32.8	29.3	26.5	32.9	29.1	26.7	31.1	29.0	27.0
26	30.9	28.7	27.3	32.9	29.4	27.4	32.6	29.2	27.4	31.1	29.0	27.7
27	33.7	29.5	26.5	34.6	30.0	26.2	33.3	29.1	26.6	33.9	29.7	27.5
28	31.7	28.9	27.1	32.7	29.4	27.4	33.5	29.3	27.2	30.5	29.0	27.8
29	27.8	26.4	24.0	28.5	26.6	24.3	28.0	27.0	24.7	28.1	27.0	24.7
30	27.4	26.7	26.2	27.7	27.1	26.3	28.3	27.2	26.7	28.0	27.4	26.9
31	31.2	28.2	26.2	33.0	28.8	26.3	32.2	28.8	26.4	30.7	28.4	26.5
平均 MÉD	31.4	28.7	26.3	32.8	29.2	26.6	32.1	29.0	26.6	31.6	29.3	27.1
全月 MÊS	35.4		23.3	36.8		23.5	36.7		22.8	36.5		23.0

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	91	76	58	96	80	61	96	78	59	85	70	54
2	85	72	58	87	75	56	95	79	62	80	67	52
3	94	84	74	93	86	74	92	86	76	88	78	68
4	89	83	74	92	85	73	92	87	81	84	78	70
5	91	81	71	92	82	69	93	85	75	84	76	65
6	86	82	71	88	83	71	91	86	75	81	77	67
7	90	81	66	91	82	67	91	85	74	83	76	64
8	89	81	66	90	82	64	91	85	72	83	75	62
9	85	75	56	88	76	57	94	78	57	81	70	52
10	91	80	65	91	81	66	94	80	66	87	74	64
11	92	79	69	94	81	68	93	81	73	82	73	65
12	90	80	66	90	82	70	94	84	75	84	74	65
13	92	85	61	96	88	67	94	86	70	85	77	57
14	92	77	52	96	79	53	95	80	60	86	73	51
15	88	73	56	93	75	54	94	75	56	84	70	55
16	95	81	70	96	84	72	96	84	68	90	76	64
17	95	84	68	96	86	68	93	85	73	92	79	66
18	94	82	69	95	83	67	94	82	67	92	78	63
19	88	79	67	88	80	63	89	81	69	86	78	66
20	94	84	72	95	85	72	96	85	73	92	81	70
21	94	88	81	96	91	83	95	88	83	91	84	75
22	94	83	68	95	83	67	97	84	66	90	80	69
23	87	79	66	90	80	64	89	79	66	85	78	66
24	89	79	63	92	80	62	92	80	61	86	78	63
25	85	76	65	89	77	60	87	77	61	84	75	64
26	82	75	63	85	76	61	85	76	59	82	74	64
27	83	71	51	89	74	53	86	76	60	82	71	46
28	89	79	64	91	81	66	92	81	65	86	79	70
29	96	92	87	97	95	88	97	92	84	96	89	83
30	94	91	88	96	94	89	94	91	88	92	88	84
31	91	81	61	94	83	60	94	83	67	90	82	70
平均 MÉD	90	80	67	92	82	67	93	83	69	86	77	64
全月 MÊS	96		51	97		53	97		56	96		46

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	6.6	3.6	7.8	5.4	6.4	5.0
2	0.0	0.0	0.0	0.0	4.2	3.0
3	0.0	0.0	3.0	3.0	1.0	1.0
4	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.4	0.4	0.0	0.0
6	0.0	0.0	0.0	0.0	0.2	0.2
7	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
9	0.0	0.0	0.0	0.0	4.2	4.2
10	0.0	0.0	23.6	8.2	5.6	2.8
11	0.0	0.0	14.2	10.0	6.2	6.2
12	4.8	4.8	0.6	0.4	2.0	1.0
13	---	---	5.2	2.2	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	17.4	9.2	24.6	12.0	16.8	10.4
17	32.6	22.4	32.2	19.2	3.0	1.8
18	4.2	3.0	5.0	3.8	5.2	4.2
19	0.2	0.2	0.2	0.2	0.2	0.2
20	19.4	6.6	4.6	2.6	24.8	5.6
21	16.2	5.6	1.0	0.2	17.6	7.4
22	9.2	7.0	0.4	0.2	29.8	27.2
23	0.0	0.0	0.2	0.2	0.0	0.0
24	0.0	0.0	0.2	0.2	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.2	0.2	0.2	0.2
27	0.0	0.0	0.0	0.0	0.4	0.2
28	2.4	2.4	0.0	0.0	0.0	0.0
29	53.2	31.8	8.4	3.8	25.2	9.0
30	2.0	0.6	2.6	0.6	3.6	1.6
31	0.0	0.0	0.0	0.0	0.0	0.0
最高 MÁX	53.2	31.8	32.2	19.2	29.8	27.2
總數 TOTAL	168.2		134.4		156.6	

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	5.0	2.4	7.2	2.8
2	0.0	0.0	0.0	0.0
3	12.2	7.4	5.0	5.0
4	0.0	0.0	0.0	0.0
5	1.6	1.6	1.8	1.2
6	0.0	0.0	0.4	0.4
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	14.6	5.0	17.2	7.4
11	6.0	5.8	7.6	7.0
12	4.2	2.8	5.0	4.4
13	2.2	1.0	2.8	1.6
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	16.0	10.2	26.2	14.2
17	27.2	16.2	30.6	17.8
18	2.6	1.2	5.6	3.8
19	0.2	0.2	0.6	0.4
20	20.0	8.2	9.0	4.2
21	16.8	6.6	7.4	1.8
22	8.4	6.2	8.8	8.0
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	0.6	0.6	0.0	0.0
29	44.8	28.0	41.8	19.8
30	2.2	0.8	2.8	1.0
31	0.0	0.0	0.0	0.0
最高 MÁX	44.8	28.0	41.8	19.8
總數 TOTAL	184.6		179.8	

風  
VENTO  
WIND

	大炮台山			紀念孫中山市政公園		
	Fortaleza do Monte			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	盛行風向 Direcção predominante	平均風速 (km/h) Velocidade média	最高陣風 (km/h) Rajada máxima
1	---	---	---	WSW	4.0	22.0
2	---	---	---	SW	5.8	32.0
3	S	10.2	37.8	SW	6.9	33.5
4	S	9.0	40.0	SW	6.1	30.2
5	S	12.6	39.2	SW	9.0	35.6
6	S	14.7	50.4	SW	11.0	37.1
7	S	11.6	40.3	SW	8.7	34.6
8	S	11.5	32.8	SW	7.4	27.4
9	S	9.5	31.7	SW	6.7	27.7
10	NNE	7.8	36.7	SW	5.4	29.2
11	S	10.8	41.0	SW	7.6	33.8
12	S	12.0	42.1	SW	8.7	33.8
13	S	5.6	24.1	SW	3.3	18.0
14	S	6.0	24.5	SW	4.2	23.4
15	E	6.0	22.7	NE	4.5	20.9
16	S	10.0	44.6	SW	5.5	33.1
17	S	8.0	32.4	SSW	5.1	30.2
18	SSE	6.5	33.5	SSE	5.0	35.3
19	SSE	7.7	29.5	SSE	6.3	29.5
20	SE	8.0	37.8	SE	6.2	46.1
21	E	9.7	41.8	NE	5.1	33.5
22	E	10.1	37.4	NE	5.7	31.3
23	E	9.3	28.4	NE	6.1	26.6
24	E	7.4	23.0	NE	5.8	22.3
25	E	9.7	32.8	NE	6.3	24.1
26	E	9.9	31.0	NE	6.9	36.4
27	NW	8.6	27.4	SW	4.6	20.5
28	SE	6.3	22.7	SE	5.6	24.1
29	E	6.3	29.2	SE	4.5	31.3
30	E	8.2	26.3	NE	3.8	22.7
31	NE	6.5	18.7	NE	5.0	19.1
平均 MÉD		8.9			6.0	
最高 MÁX		14.7	50.4		11.0	46.1

風  
VENTO  
WIND

澳門污水廠				嘉樂庇總督大橋			
E.T.A.R de Macau				Ponte Governador Nobre de Carvalho			
	盛行風向	平均風速 ( km/h )	最高陣風 ( km/h )	盛行風向	平均風速 ( km/h )	最高陣風 ( km/h )	
	Direcção predominante	Velocidade média	Rajada máxima	Direcção predominante	Velocidade média	Rajada máxima	
1	SW	6.2	26.6	SW	14.4	45.0	
2	SW	7.7	31.3	SW	20.9	47.2	
3	SW	9.5	39.2	SW	27.4	55.4	
4	SW	7.1	29.2	SSW	19.4	46.1	
5	SW	8.6	40.7	SSW	27.7	51.1	
6	SW	10.1	45.4	SSW	33.1	68.0	
7	SW	9.8	41.0	SSW	28.0	50.8	
8	SW	8.1	29.5	SSW	22.6	40.7	
9	SW	7.1	27.7	SSW	18.1	34.9	
10	SE	7.4	49.7	S	18.1	52.2	
11	SW	7.2	39.2	SSW	26.0	51.8	
12	SW	8.8	41.0	SSW	25.1	54.0	
13	SW	5.0	21.2	SSW	10.6	31.0	
14	SE	6.7	29.5	SSW	10.6	29.2	
15	SE	7.9	24.5	E	10.4	26.3	
16	SW	8.7	39.2	SW	19.3	49.0	
17	SE	9.7	40.3	S	21.9	57.2	
18	SSE	11.8	30.2	SSE	17.9	50.4	
19	SE	14.4	38.2	SSE	20.9	39.2	
20	SE	19.2	47.2	SE	24.7	68.4	
21	E	18.6	56.9	ENE	29.5	84.2	
22	E	17.8	44.3	E	28.2	50.4	
23	ESE	13.6	30.6	E	19.6	32.4	
24	SE	11.6	24.1	NE	16.9	31.0	
25	E	14.7	37.1	E	22.0	43.6	
26	E	16.5	46.1	E	25.4	52.2	
27	SE	7.4	25.9	NW	14.0	34.9	
28	SE	10.7	26.3	SE	14.1	33.5	
29	SE	13.0	43.6	E	17.1	47.5	
30	ESE	14.4	31.3	E	20.3	36.4	
31	SE	8.7	19.1	ENE	13.0	23.4	
平均 MÉD		10.6			20.6		
最高 MÁX		19.2	56.9		33.1	84.2	

風  
VENTO  
WIND

友誼大橋北峰				友誼大橋南峰		
Ponte de Amizade Norte				Ponte de Amizade Sul		
	盛行風向	平均風速 ( km/h )	最高陣風 ( km/h )	盛行風向	平均風速 ( km/h )	最高陣風 ( km/h )
	Direcção predominante	Velocidade média	Rajada máxima	Direcção predominante	Velocidade média	Rajada máxima
1	SW	13.4	45.4	WSW	15.0	51.5
2	SW	16.0	38.5	SW	20.4	47.5
3	---	---	---	SW	27.6	68.4
4	---	---	---	SW	18.1	45.4
5	---	---	---	S	23.0	47.5
6	SSW	31.8	56.2	SSW	27.5	54.0
7	SW	27.7	47.2	SSW	25.9	50.4
8	SW	23.0	38.2	SSW	21.4	39.6
9	SSW	17.5	34.6	SSW	16.3	37.4
10	SSW	16.6	56.2	S	15.3	53.3
11	SSW	23.4	53.3	SSW	20.1	47.9
12	SSW	25.4	45.4	SSW	22.9	47.9
13	SW	10.3	25.2	SW	10.1	25.2
14	SSW	9.1	26.3	SW	8.6	26.3
15	WSW	9.2	26.3	WSW	9.5	26.3
16	N	17.9	46.1	N	19.2	48.6
17	SSW	19.4	48.6	S	18.3	54.0
18	SSE	16.4	41.8	SSE	16.1	34.6
19	SSE	20.9	36.0	SE	20.7	38.2
20	SE	26.3	70.6	SE	26.1	65.9
21	E	28.0	69.5	E	30.1	76.7
22	E	27.0	49.0	E	28.3	49.0
23	E	18.4	34.9	E	18.9	32.4
24	NE	15.2	32.4	NNE	16.8	30.2
25	E	20.4	44.3	E	21.9	44.6
26	E	23.6	50.4	E	25.6	54.0
27	NE	12.7	32.4	ESE	12.2	34.6
28	SE	15.6	29.9	SE	14.5	33.5
29	SE	18.8	39.6	SE	18.8	46.8
30	E	20.8	34.6	E	21.5	36.0
31	SE	11.6	19.8	ESE	12.5	21.6
平均		19.2			19.5	
MÉD						
最高		31.8	70.6		30.1	76.7
MÁX						