

澳門特別行政區  
REGIÃO ADMINISTRATIVA ESPECIAL DE MACAU

氣象觀測月報  
RESULTADOS DAS OBSERVAÇÕES METEOROLÓGICAS

2010年2月  
FEVEREIRO DE 2010

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

# 索引 ÍNDICE

一般指引 .....	i
<b>INDICAÇÕES GERAIS</b>	
觀測站及信號懸掛點分佈圖 .....	vi
<b>CARTA DOS LOCAIS COM OBSERVAÇÕES E MASTROS DE SINAIS DE TEMPESTADE</b>	
氣象站及氣候站簡介 .....	vii
<b>ELEMENTOS REFERENTES ÀS ESTAÇÕES METEOROLÓGICAS E CLIMATOLÓGICAS</b>	
本月天氣狀況及氣象統計 .....	1-0
<b>SITUAÇÃO GERAL E RESULTADO DE OBSERVAÇÃO METEOROLÓGICA</b>	
澳門氣象觀測站 .....	2-0
<b>OBSERVATÓRIO METEOROLÓGICO DE MACAU ( TAIPA )</b>	
九澳氣候觀測站 .....	3-0
<b>ESTAÇÃO CLIMATOLÓGICA DE KA-HÓ ( COLOANE )</b>	
遙距觀測站 .....	4-0
<b>ESTAÇÕES TELEMÉTRICAS</b>	

# 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。如沒有記錄之資料以“-”符號代替，而當其記錄是不完整時則以“紅色斜體字”表示。
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。自2008年9月1日，本局改用(Vaisala MAWS301)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。自2008年9月1日，本局改用(Vaisala MAWS301)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。自2008年9月1日，本局改用(Vaisala MAWS301)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。自2008年9月1日，本局改用(Vaisala MAWS301)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。自2008年9月1日，本局改用(Vaisala MAWS301)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** : 根據目測估計之距離(公里)。

**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. Quando as informações não forem registadas são assinaladas por dois traços "--" e as incompletas são assinaladas por caracteres em itálico vermelha.
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. A partir de 1 de Setembro de 2008, é medida com sensor da Vaisala MAWS301.

**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.

A partir de 1 de Setembro de 2008, é medida com sensor da Vaisala MAWS301.

**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. A partir de 1 de Setembro de 2008, é medida com sensor da Vaisala MAWS301.

**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. A partir de 1 de Setembro de 2008, é medida com sensor da Vaisala MAWS301.

**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. A partir de 1 de Setembro de 2008, é medida com sensor da Vaisala MAWS301.

**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 ( $10^{-2} \text{ MJm}^{-2}$ ).

**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 à 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 específica:

<b>a</b> - Durante a manhã	<b>OR</b> - Orvalho
<b>p</b> - Durante a tarde	<b>NB</b> - Neblina
<b>n</b> - Durante a noite	<b>NV</b> - Nevoeiro
<b>m</b> - Durante 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> - Tromba 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	$\phi$	$\lambda$	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
九澳 Ka - Hó	22° 08'09"	113° 34'39"	27,00	9,7877		1,5	1,5	13,5	13,5
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° 12'55"	113° 32'36"	12,3			1,9	1,9	10,0	10,0
澳門污水處理廠 E.T.A.R de Macau	22° 12'26"	113° 33'36"	11,3			1,8		7,0	7,0
海事博物館 Museu Marítimo	22° 11'09"	113° 31'50"	14,9			3,7	2,2	7,0	7,0
路環分站 Delegação de Coloane	22° 07'03"	113° 32'54"	3			1,5	1,5	10,0	10,0
嘉樂庇總督大橋 Ponte Governador Nobre de Carvalho	22° 10'51"	113° 32'30"	39,40					7,0	7,0
友誼大橋南峰 Ponte de Amizade Sul	22° 10'54"	113° 33'36"	39,64					8,0	8,0
友誼大橋北峰 Ponte de Amizade Norte	22° 11'30"	113° 33'36"	39,64					8,0	8,0
西灣大橋 Ponte Sai Van	22° 10'32"	113° 32'05"	37,5					9,3	9,3

$\phi$  - 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**

## 2009 年部份氣象要素之月及年統計值

## RESULTADOS MENSIS E ANNUAL DE ALGUNS ELEMENTOS METEOROLÓGICOS EM 2009

## MONTHLY AND ANNUAL STATISTIC OF SELECTED METEOROLOGICAL PARAMETERS FOR 2009

	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	1032.1	1021.7	1025.1	1021.7	1017.3	1009.4	1011.3	1012.8	1013.2	1019.8	1027.8	1029.7	1032.1	01-13
Máxima absoluta														
平均	1021.8	1015.1	1015.0	1012.4	1010.6	1004.6	1004.8	1004.7	1007.3	1012.3	1017.8	1019.3	1012.1	
Média														
絕對最低	1011.5	1005.2	1008.4	1001.1	1005.1	998.5	990.5	991.3	990.4	1006.0	1005.3	1012.3	990.4	09-15
Mínima absoluta														
平均日較差	4.6	4.0	4.6	4.0	3.4	3.4	3.9	3.6	4.4	3.8	4.4	4.2	4.0	
Variação média diurna														
<b>氣溫 ( °C )</b>														
<b>Temperatura do ar ( °C )</b>														
絕對最高	27.2	28.2	27.1	30.3	32.1	33.7	36.2	35.8	35.6	31.5	31.2	25.0	36.2	07-18
Máxima absoluta														
平均最高	18.6	23.9	21.2	24.2	28.0	30.3	31.3	32.8	32.2	29.2	22.7	19.0	26.1	
Média das máximas														
平均	14.2	19.8	18.3	21.2	24.5	27.2	28.1	28.6	28.1	25.6	18.8	15.8	22.5	
Média														
平均最低	11.3	17.8	16.3	19.2	22.3	24.9	25.6	26.1	25.8	23.2	16.1	13.6	20.2	
Média das mínimas														
絕對最低	7.7	14.0	10.7	15.4	19.4	22.4	22.3	23.6	23.5	21.9	7.0	8.1	7.0	11-18
Mínima absoluta														
平均日較差	7.3	6.1	4.9	5.0	5.7	5.4	5.8	6.7	6.4	5.9	6.5	5.4	5.9	
Variação média diurna														
<b>相對濕度 ( % )</b>														
<b>Humidade relativa</b>														
平均	59	77	84	76	75	75	72	70	70	65	68	75	72	
Média														
絕對最低	22	37	32	37	20	38	35	35	32	29	24	27	20	05-30
Mínima absoluta														
雲量 ( 0 -10 )	3.9	6.6	9.0	8.1	6.5	7.4	6.9	6.4	6.6	5.1	5.9	6.5	6.6	
Nebulosidade ( 0 -10 )														
日照量 (h)	187.8	108.8	50.4	101.5	174.8	141.7	238.0	210.8	180.5	200.3	162.2	108.7	1865.5	
Insolação (h)														
<b>雨量 ( mm )</b>														
<b>Precipitação ( mm )</b>														
總數	0.6	2.2	143.8	175.8	316.2	257.6	229.4	218.2	188.2	15.4	20.2	52.6	1620.2	
Total														
降雨日數	1	3	17	10	12	17	18	12	12	9	4	10	125	
Número de dias com precipitação														
最高日雨量	0.6	0.8	43.4	118.2	129.2	68.6	68.6	48.4	50.0	9.0	18.4	15.4	129.2	05-23
Máxima diária														
最高時雨量	0.2	0.8	29.0	50.4	45.2	36.2	25.8	19.0	15.4	4.0	6.4	3.8	50.4	04-25
Máxima horária														
<b>風</b>														
<b>Vento</b>														
盛行風向	NNE	SE	NNE	E	E	S	S	SW	NE	E	N	NNE	NNE	
Direcção predominante														
平均風速 ( km/h )	16.2	9.9	12.4	12.8	11.3	9.1	10.5	9.0	15.0	12.7	16.4	14.7	12.5	
Velocidade média														
最高陣風 ( km/h )	80	51	78	58	55	53	77	89	100	53	84	65	100	09-14; 09-15
Rajada máxima ( km/h )														

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	16.3	1.1
Média		
平均最高	18.8	1.1
Média das máximas		
平均最低	14.8	1.7
Média das mínimas		
雨量 (mm)		
Precipitação (mm)	96.2	(a)
自一月起之累積雨量	130.0	(b)
平均相對濕度 (%)		
Humidade relativa média (%)	86	(c)
蒸發量 (mm)		
Evaporação (mm)	19.3	(d)
日照量 (h)		
Insolação (h)	25.6	(e)
風		
Vento		
盛行風向及其平均風速	S	10.2
Direcção predominante		
平均風速 (km/h)	13.3	
Velocidade média		

(a) 自1998年以來，該月份最高。

(a) A mais elevado do mês desde 1998

(b) 自2000年以來，該月份最高。

(b) A mais elevado do mês desde 2000

(c) 自2005年以來，該月份最高。

(c) A mais elevado do mês desde 2005

(d) 自1953年以來，該月份最低。

(d) A mais baixa do mês desde 1953

(e) 自2005年以來，該月份最低。

(e) A mais baixa do mês desde 2005

氣候平均值(1971至2000)及氣候極值(1901至2009)

VALORES NORMAL ( 1971 - 2000 ) E OS EXTREMOS REGISTRADOS ( 1901 -2009 )

CLIMATOLOGICAL NORMALS ( 1971 - 2000 ) AND EXTREME VALUES ( 1901 - 2009 )

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

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

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

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO	日期 Data
<b>海平面氣壓 ( hPa )</b>														
<b>Pressão atmosférica ao nível do mar ( hPa )</b>														
絕對最高 (a)	1033.2	1031.7	1034.4	1029.3	1027.0	1014.9	1028.8	1023.2	1019.7	1025.0	1031.6	1033.8	1034.4	2005-03-05
Máxima absoluta														
平均	1020.3	1018.7	1016.1	1012.8	1009.3	1006.2	1005.5	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	23.5	25.7	26.3	26.0	24.9	22.3	17.8	13.8	20.2	
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	5.4	4.7	4.5	4.4	4.6	4.7	5.2	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	74.3	80.6	84.9	86.2	85.6	84.4	82.2	82.5	79.0	73.4	69.3	68.8	79.3	
Média														
絕對最低 (a)	10	19	13	26	20	23	35	35	25	20	16	11	10	1968-01-15
Mínima absoluta														
雲量 ( 0 -10 )	6.4	7.7	8.2	8.5	8.1	7.8	7.1	7.2	6.7	5.7	5.3	5.2	7.0	
Nebulosidade ( 0 -10 )														
日照量 (h) (a)	132.4	81.8	75.9	87.8	138.4	168.2	226.2	194.7	182.2	195.0	177.6	167.6	1828.0	
Insolação (h)														
<b>雨量 ( mm )</b>														
<b>Precipitação ( mm )</b>														
平均	32.4	58.8	82.7	217.4	361.9	339.7	300.0	351.7	194.2	116.9	42.6	35.2	2133.4	
Média														
降雨日數	5.8	10.2	11.8	12.0	15.0	17.3	15.9	16.0	12.7	7.0	5.0	4.5	133.2	
Número de dias com precipitação														
最高月雨量 (b)	153.1	279.0	477.8	749.4	975.2	1204.0	917.9	836.4	621.4	405.1	244.4	150.8	1204.0	2008-06
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	N	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	130	91	211	1964-09-05
Rajada máxima ( km/h )														

## 澳門氣象月報 ( 2010 年 2 月 )

本月比正常溫暖、多雨及潮濕；月平均氣溫，月平均最高氣溫及月平均最低氣溫分別為攝氏 16.3 度、18.8 度及 14.8 度，前兩者均比正常高攝氏 1.1 度，而月平均最低氣溫則比正常高 1.7 度。月雨量及累計雨量分別為 96.2 毫米及 130 毫米，分別比正常多 37.4 毫米及 38.7 毫米，分別為自 1998 年及 2000 年以來當月最高值；月最高日雨量則為 54.8 毫米，則為自 1997 年以來當月最高值。月平均相對濕度為 86%，比正常高 5.4%，為自 2005 年以來當月最高值。蒸發量及日照量分別為 19.3 毫米及 25.6 小時，分別比正常低 41.3 毫米及 56.2 小時，分別為自 1953 年及 2005 年以來當月最低值。

本月共發出 2 次雷暴警告信號及懸掛 1 次強烈季候風信號。

1 日，潮濕空氣影響本地區天氣，天晴，部份時間多雲，有霧、薄霧及煙霞。

2 日起，本地區開始轉受偏東氣流影響，雲量增多，有雨、霧及薄霧。

7 日，在低壓槽的影響下，天氣不穩定，多雲，有薄霧及驟雨，雨勢有時頗大及帶有雷暴，並於當日錄得本月最高日雨量為 54.8 毫米。

8 日至 11 日，本地區天氣轉受到海洋性空氣的影響，雲量逐漸減少，另外在初期，有驟雨及薄霧，並在 11 日，錄得本月最高氣溫為攝氏 26.2 度。

12 日，寒冷空氣使本地區氣溫顯著下降，大致多雲及有雨；隨後三天，天氣寒冷，多雲，有雨及薄霧。由於風勢較強，本局於 13 日 23:40 至 14 日 02:35 懸掛強烈季候風信號。

16 日起，由於另一股寒冷空氣的補充，天氣嚴寒，多雲及有雨。另外，在 19 日有幾陣薄霧，並錄得本月最低氣溫為攝氏 5.6 度。20 日起，由於寒冷空氣逐漸緩和，氣溫逐漸回升，多雲，間中有陽光，有雨及薄霧。

24 日至本月結束，潮濕空氣為本地區帶來大致多雲，有霧、薄霧及雨的天氣。

## RESUMO DO ESTADO DO TEMPO EM MACAU NO MÊS DE FEVEREIRO DE 2010

A temperatura do ar no mês foi mais quente, chuvoso e húmido do que o normal. A temperatura mensal, média das máximas e mínimas do ar foram de 16,3 graus Celsius, 18,8 graus Celsius e 14,8 graus Celsius respectivamente. Os dois primeiros valores foram de 1,1 graus Celsius acima do normal. A temperatura média das mínimas foi de 1,7 graus Celsius acima do valor normal. A precipitação mensal e precipitação acumulada foram de 96,2 milímetros e 130 milímetros, respectivamente, em 37,4 milímetros e 38,7 milímetros acima do normal respectivamente e constituiu o valor mais elevado no mês de 1998 e 2000, respectivamente. A precipitação mensal máxima diária foi de 54,8 milímetros a qual foi mais elevada no mês desde 1997. A humidade relativa média foi de 86%, em 5,4% mais elevada no mês desde 2005. A evaporação e insolação foram de 19,3 milímetros e de 25,6 horas respectivamente, em 41,3 milímetros e 56,2 horas abaixo do valor normal os quais foram mais baixos no mês de 1953 e 2005 respectivamente.

Neste mês, foram emitidos duas vezes do aviso de trovoadas e uma vez do sinal de ventos fortes de monção (bola preta).

No dia 1, sob a influência por uma massa de ar húmido, o tempo foi pouco nublado intervalado de períodos de muito nublado. Houve nevoeiro, neblina com bruma seca.

A partir do dia 2, a região passou a ser afectada por uma corrente de Leste e tornou-se mais nublado. Houve chuva, nevoeiro e neblina.

No dia 7, sob a influência por uma vale depressionário, o tempo apresentou-se instável com céu muito nublado e neblina. Houve aguaceiros, por vezes fortes acompanhados por vezes de trovoadas. A precipitação mensal máxima diária de 54,8 milímetros foi registado no mesmo dia.

Nos dias 8 a 11, a região estiveram sob a influência por uma massa de ar marítimo, tornando-se menos nublado com alguns aguaceiros e neblina no início do período. A temperatura máxima do mês de 26,2 graus Celsius foi registado no dia 11.

Com a influência pelo deslocamento duma massa de ar frio, a temperatura do ar foi descida acentuada no dia 12 e o céu apresentou-se geralmente muito nublado com chuva. Os dias seguintes, o tempo foi frio com muito nublado. Houve chuva com neblina. Provocado pelos ventos fortes, o aviso de ventos fortes de monção foi içado pelas 23:40 horas do dia 13 até às 02:35 horas do dia 14.

Sob a influência por outra massa de ar frio deslocou-se de norte a sul. A partir do dia 16, o tempo foi muito frio. O céu apresentou-se muito nublado com chuva. Além disso, houve alguns neblina no dia 19 e a temperatura mínima do mês de 5,6 graus Celsius foi registado no mesmo dia. A partir do dia 20, com o enfraquecimento da massa de ar frio, a temperatura do ar aumentou-se gradualmente. O céu apresentou-se muito nublado com abertas. Houve chuva e neblina.

No dia 24 até o final do mês, a corrente de ar húmido trouxe o tempo geralmente muito nublado. Houve nevoeiro, neblina e chuva para a região.

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

氹仔大潭山  
**Taipa Grande**

站高氣壓 (百帕斯卡)

**PRESSÃO ATMOSFÉRICA ( hPa )**

**ATMOSPHERIC PRESSURE ( hPa )**

	<b>1h</b>	<b>2h</b>	<b>3h</b>	<b>4h</b>	<b>5h</b>	<b>6h</b>	<b>7h</b>	<b>8h</b>	<b>9h</b>	<b>10h</b>	<b>11h</b>	<b>12h</b>	<b>13h</b>	<b>14h</b>
1	1002.0	1001.9	1001.8	1002.0	1001.8	1002.0	1002.3	1002.7	1003.6	1003.9	1003.9	1003.1	1002.2	1001.1
2	1000.8	1000.7	1000.4	1000.4	1000.3	1000.7	1001.4	1002.1	1002.8	1003.6	1003.6	1003.1	1002.3	1001.2
3	1002.3	1002.0	1001.7	1001.5	1001.6	1002.2	1002.9	1003.0	1003.5	1004.0	1004.1	1003.5	1002.9	1001.7
4	1003.5	1003.8	1003.2	1003.1	1002.9	1003.7	1004.4	1004.8	1005.0	1005.7	1005.5	1005.0	1004.0	1002.8
5	1003.3	1003.2	1003.2	1003.0	1002.9	1003.4	1004.1	1004.4	1005.0	1005.5	1005.8	1004.8	1003.8	1002.5
6	1003.5	1003.2	1001.9	1002.1	1001.8	1002.2	1003.1	1003.7	1004.7	1004.9	1005.2	1004.6	1003.6	1002.3
7	1003.8	1003.9	1003.2	1003.2	1003.3	1002.9	1003.6	1004.0	1004.4	1005.1	1004.7	1003.9	1004.1	1003.6
8	1004.1	1003.5	1002.8	1002.0	1001.8	1002.1	1002.5	1003.2	1003.6	1004.1	1004.0	1003.1	1002.5	1000.8
9	1001.1	1000.9	1000.1	999.9	999.9	1000.1	1000.9	1001.8	1002.4	1002.8	1002.9	1002.1	1001.0	999.7
10	999.5	999.4	998.7	998.6	998.8	999.3	1000.0	1000.4	1001.0	1001.7	1001.2	1000.7	1000.1	999.1
11	999.2	999.0	998.1	998.2	998.3	999.1	999.7	1000.7	1001.4	1001.9	1001.8	1001.6	1000.8	999.7
12	1002.6	1002.7	1003.1	1003.7	1004.1	1004.9	1005.9	1006.5	1007.5	1008.1	1008.6	1008.5	1008.1	1007.2
13	1009.4	1008.9	1008.0	1008.0	1007.0	1007.5	1008.5	1008.3	1009.0	1009.5	1009.4	1008.4	1006.3	1005.3
14	1003.1	1002.2	1002.4	1001.5	1001.4	1001.4	1001.9	1002.7	1002.9	1003.1	1003.0	1002.4	1001.9	1000.9
15	1003.6	1003.5	1003.4	1003.3	1003.3	1003.4	1004.5	1005.2	1006.0	1007.1	1007.5	1006.9	1006.4	1005.4
16	1008.6	1008.6	1008.1	1008.2	1008.4	1008.4	1009.1	1010.1	1010.2	1010.3	1010.7	1009.8	1008.9	1008.3
17	1009.1	1009.3	1008.4	1008.4	1008.2	1008.2	1009.3	1009.7	1010.4	1011.0	1010.6	1010.3	1009.7	1008.9
18	1010.6	1009.6	1009.3	1009.6	1009.4	1009.8	1010.7	1011.3	1011.7	1012.2	1012.2	1011.6	1010.4	1009.7
19	1010.7	1010.1	1009.2	1009.5	1009.5	1009.2	1009.8	1010.5	1010.8	1011.2	1010.9	1010.0	1009.1	1008.1
20	1008.0	1007.6	1006.8	1006.3	1006.2	1006.6	1007.2	1007.9	1008.2	1008.6	1008.7	1007.6	1006.7	1005.6
21	1005.1	1004.9	1004.2	1003.5	1003.4	1003.7	1004.4	1004.8	1005.4	1005.5	1005.3	1004.3	1003.5	1002.5
22	1002.6	1001.7	1001.3	1000.9	1000.5	1001.1	1001.5	1002.3	1003.1	1003.6	1003.4	1003.0	1002.2	1001.4
23	1002.1	1001.5	1000.9	1000.7	1000.7	1000.9	1001.6	1002.4	1002.9	1003.2	1002.9	1002.3	1001.4	1000.2
24	999.0	998.1	997.5	997.0	996.4	997.0	997.4	997.8	998.1	998.7	998.3	997.7	996.7	995.3
25	995.7	995.5	995.4	995.2	995.3	995.5	995.9	996.5	996.9	997.5	997.6	997.1	996.2	995.2
26	996.6	996.3	995.7	995.4	995.6	995.6	996.0	996.8	997.4	997.8	997.9	997.4	996.7	995.8
27	997.8	997.3	996.8	996.6	996.2	996.7	997.6	998.2	998.9	999.7	1000.1	999.7	998.8	998.3
28	1000.2	999.9	999.6	999.4	999.6	999.8	1000.4	1001.1	1001.8	1002.5	1002.9	1002.1	1001.3	1000.7

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>
1	1000.5	1000.3	1000.4	1000.8	1001.0	1001.2	1001.3	1001.1	1001.1	1000.9	1001.8	1004.2	1000.2
2	1000.4	1000.7	1001.3	1001.6	1001.6	1001.8	1002.4	1002.4	1002.4	1002.2	1001.7	1003.9	1000.3
3	1001.3	1001.7	1001.7	1002.6	1002.9	1003.5	1003.9	1003.9	1003.9	1003.7	1002.8	1004.3	1001.2
4	1002.2	1002.3	1002.4	1002.9	1003.3	1003.5	1003.8	1004.1	1004.0	1003.5	1003.7	1005.9	1002.1
5	1002.0	1002.1	1002.2	1002.5	1003.0	1003.5	1003.7	1004.0	1004.2	1003.9	1003.6	1005.9	1001.9
6	1001.7	1001.9	1002.1	1002.3	1003.2	1003.7	1004.2	1004.3	1004.3	1003.6	1003.2	1005.4	1001.7
7	1002.6	1002.1	1001.7	1002.7	1002.9	1003.7	1004.2	1004.3	1004.6	1004.6	1003.6	1005.3	1001.5
8	1000.2	999.8	999.9	1000.1	1000.4	1000.6	1001.4	1001.2	1001.4	1001.3	1001.9	1004.7	999.4
9	999.0	998.9	999.3	999.4	999.5	999.6	999.6	1000.0	999.8	1000.0	1000.4	1003.2	998.5
10	997.7	997.9	998.3	998.3	998.4	999.0	999.6	1000.1	1000.3	999.7	999.5	1001.7	997.7
11	999.3	999.4	999.2	999.6	1000.0	1000.6	1001.4	1001.7	1002.0	1002.4	1000.2	1002.5	998.0
12	1006.8	1006.1	1006.7	1007.4	1007.7	1008.6	1009.1	1009.6	1009.8	1009.5	1006.8	1010.0	1002.3
13	1004.0	1003.1	1002.6	1002.5	1003.0	1003.2	1003.5	1003.5	1002.7	1002.9	1006.0	1009.8	1002.4
14	1000.2	1000.1	1000.3	1000.9	1001.3	1002.2	1002.6	1003.2	1003.4	1003.7	1002.0	1003.7	999.9
15	1004.8	1004.7	1005.1	1005.4	1005.7	1006.5	1007.3	1008.0	1008.2	1008.3	1005.6	1008.5	1003.1
16	1007.7	1007.0	1007.1	1007.4	1007.7	1008.2	1008.8	1009.0	1009.7	1009.9	1008.8	1011.5	1007.5
17	1008.1	1007.8	1007.9	1008.3	1008.7	1009.3	1009.8	1010.3	1010.6	1010.5	1009.3	1011.2	1007.6
18	1009.1	1008.6	1009.0	1009.6	1010.0	1010.4	1011.1	1011.3	1011.4	1011.6	1010.4	1012.6	1008.4
19	1007.1	1006.9	1007.1	1007.3	1007.2	1007.5	1008.0	1008.4	1008.4	1008.4	1009.0	1011.6	1006.9
20	1004.1	1003.8	1004.2	1004.4	1004.5	1004.7	1005.3	1005.8	1005.9	1005.7	1006.3	1008.9	1003.7
21	1001.9	1001.4	1001.6	1001.6	1002.2	1002.3	1002.9	1002.6	1002.6	1002.8	1003.4	1005.8	1001.3
22	1000.9	1000.8	1001.2	1001.4	1001.9	1001.9	1002.5	1002.7	1002.9	1002.7	1002.0	1003.8	1000.2
23	999.3	998.8	998.8	998.9	999.1	999.5	999.6	999.6	999.4	999.1	1000.6	1003.3	998.6
24	994.7	994.2	994.4	994.6	995.2	995.8	996.3	996.0	995.8	995.8	996.6	999.1	993.9
25	994.7	994.3	994.5	994.8	995.0	995.5	996.3	996.9	997.0	997.1	995.9	997.8	994.3
26	995.0	994.4	994.7	995.0	995.1	995.6	996.5	997.3	997.5	998.0	996.2	998.0	994.4
27	997.8	997.3	997.4	997.8	998.1	998.7	999.7	1000.3	1000.6	1000.5	998.4	1000.7	996.2
28	999.9	999.7	999.7	1000.0	1000.4	1000.8	1001.3	1001.5	1001.7	1001.7	1000.8	1002.9	999.3
<b>平均 MÉD</b>											1002.9	1005.2	1000.8
<b>全月 MÉS</b>												1012.6	993.9

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	1015.3	1015.2	1015.2	1015.3	1015.2	1015.3	1015.6	1016.1	1016.9	1017.1	1017.1	1016.2	1015.3	1014.3
2	1014.1	1014.0	1013.7	1013.7	1013.7	1014.0	1014.7	1015.5	1016.2	1017.0	1016.9	1016.5	1015.6	1014.5
3	1015.7	1015.4	1015.0	1014.9	1014.9	1015.6	1016.3	1016.4	1016.8	1017.4	1017.4	1016.9	1016.2	1015.0
4	1016.9	1017.2	1016.7	1016.6	1016.3	1017.1	1017.9	1018.2	1018.5	1019.2	1019.0	1018.5	1017.5	1016.2
5	1016.8	1016.7	1016.6	1016.4	1016.3	1016.8	1017.6	1017.8	1018.5	1019.0	1019.2	1018.2	1017.3	1016.0
6	1016.9	1016.7	1015.3	1015.5	1015.3	1015.6	1016.6	1017.2	1018.1	1018.4	1018.6	1018.0	1017.0	1015.7
7	1017.2	1017.3	1016.6	1016.7	1016.7	1016.3	1017.1	1017.5	1017.9	1018.5	1018.2	1017.3	1017.5	1017.0
8	1017.6	1017.0	1016.2	1015.4	1015.2	1015.5	1015.9	1016.6	1017.0	1017.5	1017.4	1016.5	1015.9	1014.1
9	1014.4	1014.2	1013.3	1013.2	1013.1	1013.3	1014.2	1015.1	1015.6	1016.0	1016.1	1015.3	1014.2	1012.8
10	1012.7	1012.5	1011.9	1011.8	1012.0	1012.5	1013.2	1013.6	1014.1	1014.9	1014.3	1013.7	1013.1	1012.1
11	1012.3	1012.1	1011.3	1011.3	1011.4	1012.2	1012.9	1013.8	1014.5	1015.0	1014.9	1014.6	1013.9	1012.8
12	1015.8	1016.1	1016.5	1017.2	1017.7	1018.5	1019.5	1020.2	1021.1	1021.8	1022.3	1022.2	1021.8	1020.9
13	1023.3	1022.8	1021.9	1022.0	1020.9	1021.4	1022.4	1022.2	1022.9	1023.4	1023.3	1022.3	1020.1	1019.1
14	1016.6	1015.8	1016.0	1015.1	1015.0	1015.0	1015.6	1016.3	1016.5	1016.7	1016.6	1016.0	1015.5	1014.5
15	1017.3	1017.2	1017.2	1017.1	1017.1	1017.3	1018.3	1019.0	1019.9	1020.9	1021.3	1020.7	1020.3	1019.3
16	1022.5	1022.6	1022.0	1022.2	1022.4	1022.4	1023.1	1024.1	1024.2	1024.3	1024.7	1023.7	1022.8	1022.3
17	1023.1	1023.3	1022.4	1022.4	1022.2	1022.2	1023.3	1023.8	1024.5	1025.0	1024.6	1024.4	1023.7	1022.9
18	1024.6	1023.6	1023.3	1023.6	1023.4	1023.8	1024.7	1025.3	1025.7	1026.2	1026.2	1025.6	1024.3	1023.7
19	1024.8	1024.1	1023.3	1023.6	1023.5	1023.3	1023.9	1024.6	1024.9	1025.2	1024.9	1024.0	1023.1	1022.0
20	1021.8	1021.5	1020.7	1020.1	1020.0	1020.4	1021.1	1021.7	1022.1	1022.4	1022.5	1021.3	1020.3	1019.1
21	1018.7	1018.5	1017.9	1017.2	1017.1	1017.3	1018.0	1018.4	1019.1	1019.1	1018.8	1017.7	1016.8	1015.9
22	1016.1	1015.2	1014.8	1014.4	1013.9	1014.5	1015.0	1015.8	1016.6	1017.2	1016.9	1016.5	1015.6	1014.8
23	1015.5	1014.9	1014.3	1014.1	1014.1	1014.3	1015.0	1015.8	1016.3	1016.5	1016.1	1015.4	1014.6	1013.4
24	1012.3	1011.4	1010.8	1010.3	1009.7	1010.2	1010.6	1011.0	1011.3	1011.9	1011.5	1010.8	1009.9	1008.5
25	1008.8	1008.7	1008.6	1008.3	1008.4	1008.7	1009.0	1009.7	1010.1	1010.7	1010.7	1010.2	1009.2	1008.2
26	1009.7	1009.4	1008.8	1008.5	1008.7	1008.7	1009.1	1009.9	1010.5	1010.9	1011.0	1010.4	1009.7	1008.9
27	1010.9	1010.4	1009.9	1009.7	1009.3	1009.8	1010.8	1011.3	1012.1	1012.9	1013.2	1012.8	1011.8	1011.3
28	1013.3	1013.1	1012.7	1012.5	1012.7	1012.9	1013.6	1014.3	1014.9	1015.6	1016.0	1015.3	1014.4	1013.8

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	1013.6	1013.4	1013.6	1014.0	1014.2	1014.5	1014.6	1014.3	1014.4	1014.2	1015.0	1017.1	1013.4
2	1013.8	1014.0	1014.7	1014.9	1014.9	1015.2	1015.8	1015.7	1015.7	1015.6	1015.0	1017.0	1013.7
3	1014.6	1015.0	1015.1	1016.0	1016.3	1016.9	1017.3	1017.4	1017.3	1017.2	1016.1	1017.4	1014.6
4	1015.6	1015.7	1015.8	1016.3	1016.7	1016.9	1017.2	1017.5	1017.4	1016.9	1017.2	1019.2	1015.6
5	1015.4	1015.6	1015.6	1015.9	1016.4	1016.9	1017.1	1017.5	1017.6	1017.3	1017.0	1019.2	1015.4
6	1015.2	1015.4	1015.5	1015.7	1016.6	1017.1	1017.6	1017.7	1017.7	1017.0	1016.7	1018.6	1015.2
7	1016.0	1015.5	1015.1	1016.1	1016.3	1017.1	1017.6	1017.8	1018.0	1018.0	1017.0	1018.5	1015.1
8	1013.5	1013.2	1013.2	1013.5	1013.7	1014.0	1014.8	1014.6	1014.8	1014.6	1015.3	1017.6	1013.2
9	1012.1	1012.0	1012.5	1012.5	1012.6	1012.7	1012.7	1013.2	1013.0	1013.2	1013.6	1016.1	1012.0
10	1010.8	1010.9	1011.5	1011.4	1011.6	1012.1	1012.8	1013.2	1013.4	1012.8	1012.6	1014.9	1010.8
11	1012.3	1012.4	1012.3	1012.7	1013.1	1013.7	1014.6	1014.9	1015.2	1015.6	1013.3	1015.6	1011.3
12	1020.5	1019.8	1020.4	1021.1	1021.5	1022.4	1023.0	1023.5	1023.7	1023.4	1020.4	1023.7	1015.8
13	1017.8	1016.9	1016.3	1016.2	1016.7	1016.9	1017.2	1017.1	1016.2	1016.4	1019.8	1023.4	1016.2
14	1013.8	1013.7	1013.9	1014.5	1014.9	1015.9	1016.2	1016.9	1017.1	1017.4	1015.6	1017.4	1013.7
15	1018.7	1018.5	1019.0	1019.2	1019.6	1020.4	1021.3	1022.0	1022.1	1022.3	1019.4	1022.3	1017.1
16	1021.7	1021.0	1021.1	1021.4	1021.6	1022.1	1022.8	1023.0	1023.7	1023.9	1022.7	1024.7	1021.0
17	1022.0	1021.7	1021.9	1022.3	1022.7	1023.2	1023.8	1024.2	1024.7	1024.6	1023.3	1025.0	1021.7
18	1023.0	1022.5	1022.9	1023.6	1024.0	1024.4	1025.1	1025.4	1025.4	1025.7	1024.4	1026.2	1022.5
19	1020.9	1020.8	1021.0	1021.2	1021.0	1021.3	1021.9	1022.3	1022.2	1022.3	1022.9	1025.2	1020.8
20	1017.6	1017.3	1017.8	1018.1	1018.2	1018.4	1019.0	1019.5	1019.5	1019.4	1020.0	1022.5	1017.3
21	1015.3	1014.9	1015.1	1015.1	1015.7	1015.8	1016.4	1016.1	1016.1	1016.2	1017.0	1019.1	1014.9
22	1014.3	1014.1	1014.6	1014.8	1015.3	1015.3	1015.9	1016.2	1016.3	1016.2	1015.4	1017.2	1013.9
23	1012.5	1012.0	1012.1	1012.2	1012.4	1012.8	1012.9	1012.9	1012.7	1012.4	1014.0	1016.5	1012.0
24	1007.8	1007.3	1007.5	1007.8	1008.4	1008.9	1009.4	1009.2	1008.9	1009.0	1009.8	1012.3	1007.3
25	1007.8	1007.3	1007.6	1007.9	1008.1	1008.6	1009.4	1010.0	1010.2	1010.2	1009.0	1010.7	1007.3
26	1008.0	1007.5	1007.8	1008.1	1008.2	1008.7	1009.6	1010.3	1010.6	1011.1	1009.3	1011.1	1007.5
27	1010.8	1010.3	1010.5	1010.9	1011.2	1011.8	1012.8	1013.4	1013.7	1013.6	1011.5	1013.7	1009.3
28	1012.9	1012.8	1012.8	1013.1	1013.5	1013.9	1014.5	1014.7	1014.9	1014.9	1013.9	1016.0	1012.5
平均 MÉD											1016.3	1018.5	1014.3
全月 MÉS												1026.2	1007.3

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>	19.4	19.4	18.9	18.7	18.7	18.5	18.5	19.0	19.6	21.4	21.7	23.3	23.1	22.5
<b>2</b>	19.1	18.9	18.8	18.6	19.1	18.8	19.0	18.5	18.7	18.7	19.5	18.6	18.5	18.6
<b>3</b>	17.9	17.8	18.0	18.0	17.8	17.8	18.2	18.1	18.4	18.5	18.9	18.7	18.5	18.2
<b>4</b>	17.1	17.0	16.8	16.6	16.7	16.8	17.0	16.8	16.8	17.1	17.0	16.9	17.0	16.8
<b>5</b>	17.2	17.1	17.3	17.4	17.5	17.2	16.7	16.8	16.6	16.8	17.0	17.2	17.2	17.1
<b>6</b>	17.3	17.2	17.1	16.7	16.5	16.7	16.9	16.9	17.1	17.2	17.3	17.3	17.5	17.2
<b>7</b>	17.4	17.3	17.2	17.4	17.1	17.3	17.1	16.8	16.6	16.7	17.0	17.5	17.2	17.5
<b>8</b>	16.7	16.6	17.1	17.4	17.3	17.2	17.4	17.5	17.4	17.7	18.1	18.0	17.9	17.9
<b>9</b>	20.8	21.1	21.1	21.1	21.1	21.0	21.0	21.2	21.8	22.7	21.1	21.4	21.5	22.1
<b>10</b>	21.8	21.6	21.6	21.5	21.4	21.5	21.4	21.5	22.7	22.4	24.0	24.9	24.5	24.0
<b>11</b>	22.6	22.5	22.3	22.5	22.6	22.6	22.7	22.8	23.3	23.2	24.5	26.2	25.4	25.1
<b>12</b>	21.1	18.6	17.0	16.5	14.9	14.3	13.7	13.3	13.6	13.7	13.4	12.9	13.1	12.8
<b>13</b>	8.8	8.8	8.5	8.3	8.3	8.3	8.4	8.2	8.5	8.9	9.3	9.3	10.3	10.0
<b>14</b>	14.7	12.5	12.8	12.8	13.0	13.1	13.0	13.0	13.0	13.2	13.3	12.7	12.2	12.5
<b>15</b>	10.9	10.6	10.1	9.7	9.5	9.2	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
<b>16</b>	7.6	7.3	6.9	6.9	6.9	6.7	7.0	6.7	7.0	7.3	7.3	7.8	7.8	7.4
<b>17</b>	7.0	7.0	7.1	6.8	6.8	6.8	6.7	6.6	6.7	6.6	6.8	7.1	7.2	7.3
<b>18</b>	7.4	7.6	7.5	7.4	7.2	7.3	7.2	7.4	7.6	7.7	7.9	8.0	8.8	8.3
<b>19</b>	5.9	6.0	5.9	5.8	5.7	5.7	5.9	5.9	6.0	6.4	7.1	7.8	8.0	8.8
<b>20</b>	9.6	9.2	9.2	9.1	9.0	8.8	8.7	9.0	9.7	10.0	11.9	13.8	13.4	15.2
<b>21</b>	12.7	12.3	12.3	12.2	12.4	12.3	12.3	12.5	13.2	14.9	16.5	19.7	20.3	18.0
<b>22</b>	16.0	16.1	16.4	16.1	16.1	15.9	15.5	16.0	15.3	15.5	17.1	16.4	16.5	18.0
<b>23</b>	16.8	17.0	17.0	16.9	16.1	16.1	16.5	17.0	17.7	19.3	22.0	23.1	21.4	20.8
<b>24</b>	18.6	18.7	18.3	18.6	18.8	19.0	19.3	19.8	20.1	20.5	21.3	21.6	21.6	21.5
<b>25</b>	21.4	21.6	20.8	21.6	21.7	21.6	21.9	21.5	21.8	21.9	22.5	22.8	23.4	23.4
<b>26</b>	21.8	21.8	22.4	22.4	21.8	21.9	21.7	21.7	21.9	22.3	22.9	23.9	24.9	24.2
<b>27</b>	22.9	22.7	22.6	22.5	23.0	22.3	22.7	21.4	21.4	21.7	23.3	23.9	24.8	24.1
<b>28</b>	22.9	23.0	22.8	22.5	22.3	22.2	22.1	22.0	22.1	22.3	22.7	22.8	23.6	24.2

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	23.7	22.9	21.8	20.7	19.9	20.0	19.4	19.8	19.4	19.0	20.4	24.2	18.3
2	18.4	18.1	17.8	17.9	17.9	17.9	18.0	17.8	17.9	17.9	18.4	19.9	17.7
3	18.3	17.9	17.8	17.7	17.5	17.3	17.2	17.3	17.2	17.2	17.9	19.1	17.1
4	16.6	16.9	17.1	17.3	17.1	17.2	17.4	17.3	17.3	17.4	17.0	17.5	16.5
5	17.1	16.8	17.1	17.1	17.1	17.3	17.4	17.3	17.1	17.2	17.1	17.6	16.5
6	17.2	16.9	16.8	17.1	17.3	17.5	17.6	17.7	17.6	17.5	17.2	17.7	16.5
7	17.8	17.7	17.4	17.2	17.0	17.2	17.3	16.9	17.0	16.8	17.2	18.2	16.6
8	17.9	18.0	18.4	18.5	18.5	18.4	18.3	18.7	18.6	19.6	17.9	19.9	16.5
9	22.6	22.7	22.3	22.2	22.1	22.1	21.9	21.9	21.8	21.7	21.7	23.1	19.5
10	23.0	23.4	22.6	22.6	22.5	22.3	22.5	22.6	22.9	22.6	22.6	25.0	21.3
11	25.4	24.2	23.6	23.1	22.8	22.6	22.5	22.7	22.7	22.7	23.4	26.2	22.3
12	12.5	12.0	11.7	11.3	11.1	10.7	10.3	9.8	9.3	9.3	13.2	22.8	9.2
13	10.0	10.0	10.5	10.8	11.0	10.8	11.2	12.2	14.1	14.4	10.0	14.4	8.1
14	12.5	12.9	12.8	12.5	12.3	12.0	11.6	11.4	11.4	11.2	12.6	14.7	11.1
15	8.6	8.5	8.5	8.5	8.4	8.4	8.0	7.9	8.1	7.8	9.0	11.1	7.8
16	7.2	7.1	7.2	7.2	7.1	7.1	7.2	7.1	7.3	7.4	7.2	8.0	6.6
17	7.5	7.6	7.6	7.6	7.6	7.3	7.5	7.5	6.9	6.8	7.1	7.9	6.5
18	8.2	8.6	8.1	7.5	7.0	6.9	6.9	6.5	6.1	5.9	7.4	8.8	5.8
19	9.8	8.9	8.7	8.8	8.8	9.1	9.1	9.3	9.5	9.7	7.6	10.3	5.6
20	15.8	15.3	12.9	12.5	12.6	12.3	12.1	12.2	12.2	12.6	11.5	15.9	8.7
21	16.1	15.8	15.3	15.1	15.5	15.6	16.1	16.0	16.5	16.6	15.0	20.5	12.1
22	17.8	18.0	17.5	16.6	16.7	17.1	17.2	17.2	16.5	16.5	16.6	19.0	14.8
23	21.4	20.5	19.3	18.8	18.6	18.6	18.7	18.7	18.2	18.3	18.7	23.5	16.0
24	22.0	21.7	21.3	21.1	21.2	21.4	21.4	21.2	21.1	21.2	20.5	22.1	18.3
25	23.1	22.8	21.8	22.0	22.1	22.1	22.2	22.3	22.3	22.4	22.1	23.5	20.8
26	23.4	22.9	22.6	22.5	22.1	22.4	23.0	23.2	23.1	22.9	22.6	25.3	21.5
27	24.0	24.0	23.8	22.8	22.9	22.8	23.1	22.9	22.6	22.7	23.0	25.1	20.8
28	24.0	23.5	23.3	23.0	22.8	22.7	22.1	22.3	22.2	22.2	22.7	24.6	21.9
平均 MÉD											16.3	18.8	14.8
全月 MÉS												26.2	5.6

**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>	17.7	17.7	17.2	17.1	17.1	18.1	18.1	17.4	17.9	17.6	17.3	17.9	17.6	18.0
<b>2</b>	17.0	17.0	17.0	16.9	18.6	18.5	18.7	17.0	17.2	17.1	17.0	16.0	16.1	15.9
<b>3</b>	16.0	16.0	16.2	16.2	16.1	16.1	16.4	16.1	16.1	15.9	16.0	15.9	15.9	15.7
<b>4</b>	15.5	15.4	15.3	15.1	15.0	15.1	15.3	15.1	15.0	15.2	14.9	15.1	15.2	15.1
<b>5</b>	15.5	15.4	15.6	15.5	15.6	15.3	14.9	14.9	14.6	14.8	14.9	15.1	14.8	14.7
<b>6</b>	15.6	15.5	15.5	15.1	14.9	15.0	15.2	15.2	15.3	15.4	15.4	15.3	15.4	15.2
<b>7</b>	15.6	15.6	15.5	15.7	15.4	15.4	15.3	15.2	15.1	15.2	15.4	15.9	15.6	15.9
<b>8</b>	15.3	15.2	15.7	15.7	15.5	15.4	15.4	15.5	15.6	15.8	15.8	16.1	16.3	16.3
<b>9</b>	19.2	19.4	19.4	19.4	19.4	19.3	19.3	19.6	20.1	19.9	18.9	19.2	19.1	19.9
<b>10</b>	20.0	19.8	19.8	19.7	19.5	19.7	19.5	19.7	20.3	19.9	20.0	20.0	20.1	20.1
<b>11</b>	20.1	19.9	20.0	20.0	19.7	19.5	19.3	19.3	19.5	19.5	19.7	19.6	19.4	19.4
<b>12</b>	18.6	14.4	12.8	12.7	11.2	10.8	10.2	9.8	9.3	9.1	8.6	8.3	8.2	7.6
<b>13</b>	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.7	7.1	7.4	7.6	7.4	8.3	8.0
<b>14</b>	13.3	11.2	11.5	11.5	11.7	11.8	11.7	11.8	11.7	11.9	12.0	11.4	10.9	11.2
<b>15</b>	9.7	9.3	8.9	8.5	8.3	8.0	7.9	8.0	7.9	7.9	7.9	7.9	7.8	7.5
<b>16</b>	6.1	6.0	5.6	5.6	5.6	5.3	5.3	4.7	4.8	4.5	4.4	4.5	4.7	4.9
<b>17</b>	5.7	5.8	5.8	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.6	5.8	5.6	5.4
<b>18</b>	3.8	3.9	3.6	3.6	3.2	3.3	2.9	3.5	3.1	3.3	3.4	3.3	3.6	3.2
<b>19</b>	4.5	4.6	4.7	4.6	4.5	4.5	4.7	4.7	4.9	5.2	5.9	6.5	6.3	6.5
<b>20</b>	5.4	6.0	5.7	5.3	5.1	5.0	4.8	4.7	5.0	5.1	5.9	6.5	7.0	7.0
<b>21</b>	8.3	8.5	8.9	9.1	9.4	9.5	9.6	10.1	10.8	11.1	11.6	11.9	11.6	11.6
<b>22</b>	12.6	12.6	13.5	13.7	14.4	14.4	14.0	14.5	13.7	13.8	14.4	13.2	13.5	14.1
<b>23</b>	13.8	14.0	14.0	13.9	14.0	14.0	14.2	14.5	15.0	15.5	15.6	15.8	15.5	15.6
<b>24</b>	16.9	17.1	16.7	17.0	18.5	17.5	17.7	18.2	18.5	18.9	19.1	18.7	18.6	18.6
<b>25</b>	19.5	19.8	19.0	19.8	19.9	19.8	21.6	19.8	20.0	20.1	20.6	20.2	20.3	20.2
<b>26</b>	19.9	20.0	22.1	22.1	20.0	20.2	19.9	20.0	20.2	20.5	20.8	20.3	20.0	20.1
<b>27</b>	21.0	20.8	20.7	20.6	22.7	20.5	22.4	21.3	19.7	20.0	21.2	21.1	21.3	21.1
<b>28</b>	21.0	21.1	21.0	20.7	20.6	20.5	20.4	20.3	20.4	20.6	20.7	20.6	20.9	20.8

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	17.3	17.6	17.5	16.6	16.6	15.8	15.6	15.8	15.5	15.8	17.1	18.1	15.5
2	15.9	15.6	15.7	15.7	15.8	15.9	15.9	15.8	16.0	16.1	16.6	18.7	15.6
3	15.8	15.7	15.8	15.7	15.6	15.5	15.6	15.6	15.6	15.6	15.9	16.4	15.5
4	14.8	15.0	15.1	15.3	15.2	15.3	15.5	15.5	15.5	15.6	15.2	15.6	14.8
5	14.6	14.6	14.9	15.0	15.1	15.4	15.4	15.4	15.3	15.5	15.1	15.6	14.6
6	15.2	15.2	15.0	15.4	15.6	15.6	15.7	15.7	15.8	15.7	15.4	15.8	14.9
7	16.3	16.2	15.9	15.8	15.6	15.8	15.8	15.5	15.6	15.4	15.6	16.3	15.1
8	16.4	16.4	16.8	17.0	17.0	16.8	16.8	17.1	17.0	18.0	16.2	18.0	15.2
9	19.8	19.8	19.8	19.9	20.0	20.0	19.9	19.9	19.9	19.9	19.6	20.1	18.9
10	20.0	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.0	20.0	20.3	19.5
11	19.6	19.8	19.9	20.1	20.2	20.2	20.3	20.3	20.3	20.2	19.8	20.3	19.3
12	7.8	7.6	7.5	7.6	7.4	6.9	7.0	7.0	6.8	6.8	9.3	18.6	6.8
13	8.3	8.5	9.1	9.5	9.7	9.5	9.9	10.9	12.8	13.0	8.4	13.0	6.7
14	11.3	11.6	11.5	11.2	11.0	10.7	10.3	10.2	10.2	9.9	11.3	13.3	9.9
15	7.1	7.2	7.1	7.0	7.0	6.9	6.6	6.6	6.7	6.3	7.7	9.7	6.3
16	5.1	5.3	5.6	5.7	5.7	5.8	5.9	5.9	6.1	6.1	5.4	6.1	4.4
17	5.6	4.7	4.4	4.3	4.4	4.7	4.3	4.2	4.6	4.5	5.2	5.8	4.2
18	3.3	3.7	3.2	3.4	3.5	3.4	3.5	3.8	4.4	4.4	3.5	4.4	2.9
19	6.3	5.8	5.7	6.0	5.9	6.0	5.9	6.1	5.4	5.4	5.4	6.5	4.5
20	7.5	7.7	7.8	7.9	8.1	8.4	8.4	9.1	7.9	8.4	6.6	9.1	4.7
21	11.2	11.2	11.0	11.3	11.6	12.2	12.7	12.3	12.9	13.5	10.9	13.5	8.3
22	14.2	14.5	14.1	13.6	14.0	14.0	13.9	14.0	14.2	14.2	13.9	14.5	12.6
23	15.5	15.6	15.6	15.8	16.1	16.3	16.5	16.7	16.3	16.6	15.3	16.7	13.8
24	18.4	18.7	18.5	18.7	18.9	19.2	19.2	19.1	19.2	19.3	18.4	19.3	16.7
25	20.1	20.1	19.8	19.9	20.1	20.2	20.3	20.4	20.4	20.4	20.1	21.6	19.0
26	20.1	20.2	19.8	20.2	19.9	20.4	21.0	21.2	21.1	20.9	20.4	22.1	19.8
27	21.1	21.2	21.2	20.6	20.8	20.8	21.1	21.0	20.7	20.9	21.0	22.7	19.7
28	20.7	20.6	20.3	20.0	20.1	20.1	20.0	20.1	20.1	20.1	20.5	21.1	20.0
平均 MÉD											13.9	15.5	12.8
全月 MÉS												22.7	2.9

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>	90	90	90	90	90	97	97	91	90	79	76	72	72	76
<b>2</b>	88	89	90	90	97	98	98	91	91	91	86	85	86	85
<b>3</b>	89	89	89	89	90	90	90	88	87	85	83	84	85	85
<b>4</b>	90	91	91	91	90	90	90	89	89	89	88	89	89	89
<b>5</b>	90	90	90	89	88	89	89	89	88	88	87	87	86	86
<b>6</b>	90	90	90	90	90	90	90	90	89	89	89	88	87	88
<b>7</b>	89	89	90	90	90	89	89	90	91	91	91	90	90	91
<b>8</b>	92	92	91	90	89	89	88	88	89	88	86	89	90	91
<b>9</b>	90	90	90	90	90	90	90	90	90	84	87	87	86	87
<b>10</b>	89	89	90	89	89	89	89	89	86	86	78	74	77	79
<b>11</b>	86	86	87	86	84	83	81	80	80	79	75	67	70	71
<b>12</b>	85	77	76	78	78	80	80	79	75	74	73	73	72	70
<b>13</b>	88	88	89	90	91	90	90	91	91	90	89	88	88	87
<b>14</b>	91	92	92	92	92	92	92	92	92	92	92	92	92	92
<b>15</b>	92	92	92	92	92	92	92	92	92	92	92	92	92	90
<b>16</b>	91	91	92	91	91	91	89	87	86	83	82	80	81	84
<b>17</b>	91	92	92	92	92	92	92	92	92	92	92	91	89	88
<b>18</b>	78	78	76	77	76	76	74	76	73	74	73	72	70	70
<b>19</b>	91	91	92	92	92	92	92	92	92	92	92	92	89	85
<b>20</b>	75	80	79	77	76	77	77	75	72	71	67	62	65	58
<b>21</b>	75	78	80	82	82	83	83	85	85	78	73	61	57	66
<b>22</b>	80	80	83	85	90	91	91	91	90	90	85	81	82	78
<b>23</b>	82	83	82	83	87	87	86	86	84	79	67	63	69	72
<b>24</b>	90	90	91	91	98	91	91	90	90	90	88	84	84	84
<b>25</b>	89	89	90	89	90	90	98	90	90	90	89	85	83	82
<b>26</b>	89	89	98	98	90	90	90	90	90	89	88	80	74	78
<b>27</b>	89	89	89	89	98	90	98	99	98	90	88	84	81	83
<b>28</b>	89	89	89	98	98	98	98	98	99	90	89	88	85	81

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	67	72	77	77	81	77	79	77	78	82	82	97	65
2	85	85	87	87	88	88	88	88	89	89	89	98	82
3	86	87	88	88	89	89	90	90	90	90	88	90	82
4	89	89	88	88	89	89	89	89	89	89	89	91	88
5	85	87	87	88	88	88	88	89	89	90	88	90	84
6	88	89	89	89	89	89	89	88	89	90	89	90	87
7	91	91	91	91	91	91	91	91	91	91	90	91	89
8	91	91	91	91	91	91	91	91	91	91	90	92	86
9	84	84	86	87	88	88	88	88	89	89	88	91	83
10	83	82	86	86	87	88	87	86	85	85	85	90	74
11	70	76	80	83	85	86	87	86	86	86	81	87	66
12	73	74	75	78	78	77	80	83	84	84	77	87	70
13	89	90	91	91	92	92	92	92	92	91	90	92	85
14	92	92	92	92	92	92	92	92	92	92	92	92	91
15	90	91	91	91	91	91	91	91	91	90	91	92	89
16	86	88	90	90	91	91	92	92	92	92	88	92	76
17	88	82	80	80	80	84	80	80	85	85	88	92	79
18	71	72	71	75	78	78	79	83	89	90	76	91	69
19	79	81	81	83	82	81	80	80	76	75	86	92	72
20	58	61	71	73	74	77	79	81	75	75	72	81	56
21	73	74	75	78	78	80	80	79	79	82	77	85	57
22	80	80	81	82	84	82	81	81	86	86	84	91	76
23	69	73	79	83	86	87	87	88	89	90	81	90	61
24	80	83	84	86	87	87	87	88	89	89	88	98	80
25	83	85	88	88	89	89	89	89	89	89	88	98	82
26	81	85	84	87	88	88	88	88	89	89	88	98	72
27	84	84	86	87	88	89	89	89	89	89	89	99	79
28	82	83	83	83	85	85	88	87	88	88	89	99	80
平均 MÉD											86	92	77
全月 MÉS												99	56

水氣壓 (百帕斯卡)

TENSÃO DE VAPOR (hPa)

VAPOUR PRESSURE (hPa)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	20.1	20.1	19.5	19.4	19.4	20.7	20.7	19.8	20.4	20.1	19.6	20.3	20.0	20.5
2	19.4	19.2	19.3	19.3	21.5	21.2	21.5	19.4	19.7	19.4	19.4	18.1	18.2	18.1
3	18.2	18.1	18.3	18.3	18.3	18.3	18.6	18.2	18.3	17.9	18.1	18.0	17.9	17.8
4	17.7	17.4	17.4	17.1	17.0	17.1	17.4	17.1	16.9	17.3	16.9	17.0	17.2	17.1
5	17.6	17.5	17.7	17.6	17.7	17.4	16.8	16.9	16.5	16.7	16.9	17.2	16.8	16.7
6	17.7	17.6	17.7	17.2	17.0	17.0	17.3	17.3	17.3	17.4	17.5	17.3	17.4	17.2
7	17.6	17.7	17.6	17.8	17.5	17.5	17.3	17.4	17.1	17.2	17.4	18.0	17.6	18.0
8	17.5	17.3	17.9	17.8	17.5	17.4	17.4	17.5	17.6	18.0	17.9	18.1	18.4	18.4
9	22.3	22.5	22.5	22.5	22.5	22.3	22.3	22.9	23.5	23.3	21.8	22.3	22.2	23.3
10	23.2	23.0	23.0	22.8	22.7	22.8	22.7	22.8	23.7	23.3	23.4	23.2	23.5	23.4
11	23.6	23.2	23.4	23.4	22.9	22.6	22.4	22.3	22.6	22.7	22.8	22.6	22.3	22.3
12	21.4	16.3	14.7	14.6	13.3	12.9	12.3	12.0	11.8	11.5	11.0	11.0	10.8	10.3
13	9.9	9.9	9.9	9.8	9.8	9.8	9.8	9.8	10.0	10.3	10.5	10.3	10.9	10.7
14	15.3	13.2	13.5	13.5	13.7	13.8	13.7	13.9	13.7	13.9	14.0	13.4	13.0	13.2
15	12.0	11.6	11.4	11.1	10.9	10.7	10.6	10.8	10.6	10.6	10.6	10.6	10.6	10.4
16	9.3	9.3	9.0	9.0	9.0	8.9	8.9	8.5	8.6	8.4	8.4	8.3	8.5	8.6
17	9.1	9.1	9.2	9.0	9.0	9.0	9.1	9.0	9.1	9.0	9.0	9.2	9.1	8.9
18	7.9	8.1	7.8	7.8	7.6	7.7	7.4	7.8	7.5	7.7	7.7	7.6	7.9	7.6
19	8.4	8.5	8.6	8.5	8.4	8.4	8.6	8.6	8.6	8.9	9.3	9.7	9.6	9.6
20	8.8	9.3	9.1	8.8	8.8	8.6	8.5	8.4	8.7	8.7	9.2	9.1	9.6	9.3
21	10.8	11.1	11.4	11.5	11.7	11.8	11.9	12.3	12.9	13.1	13.7	13.1	12.8	13.5
22	14.6	14.5	15.3	15.6	16.4	16.3	15.9	16.5	15.7	15.7	16.3	15.2	15.4	16.0
23	15.8	15.9	15.9	15.9	15.9	15.9	16.3	16.4	17.0	17.6	17.4	17.7	17.5	17.6
24	19.3	19.4	18.9	19.3	21.2	20.1	20.2	20.9	21.3	21.9	22.1	21.4	21.4	21.3
25	22.7	23.0	21.8	23.0	23.1	23.0	25.8	23.1	23.2	23.4	24.2	23.6	23.9	23.6
26	23.2	23.2	26.6	26.6	23.2	23.7	23.1	23.3	23.7	24.0	24.5	23.7	23.2	23.5
27	24.8	24.5	24.5	24.2	27.5	24.0	27.0	25.2	22.9	23.3	25.2	24.9	25.2	25.0
28	24.8	25.0	24.8	24.3	24.3	24.1	24.0	23.8	24.0	24.3	24.5	24.4	24.7	24.5

水氣壓 (百帕斯卡)

TENSÃO DE VAPOR (hPa)

VAPOUR PRESSURE (hPa)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	19.6	20.0	20.0	18.9	18.9	17.8	17.7	18.0	17.5	18.0	19.4	20.7	17.5
2	18.0	17.7	17.8	17.9	17.9	18.0	18.0	17.9	18.2	18.2	18.9	21.5	17.7
3	17.9	17.9	17.9	17.8	17.7	17.5	17.6	17.7	17.6	17.6	18.0	18.6	17.5
4	16.9	17.0	17.1	17.3	17.3	17.4	17.6	17.5	17.5	17.6	17.2	17.7	16.9
5	16.5	16.6	16.9	17.1	17.1	17.5	17.4	17.5	17.3	17.6	17.1	17.7	16.5
6	17.2	17.3	16.9	17.5	17.7	17.7	17.9	17.8	17.9	17.7	17.4	17.9	16.9
7	18.5	18.4	18.1	18.0	17.8	18.0	17.9	17.7	17.8	17.6	17.7	18.5	17.1
8	18.7	18.6	19.1	19.4	19.4	19.1	19.2	19.4	19.3	20.6	18.4	20.6	17.3
9	23.2	23.1	23.1	23.2	23.3	23.3	23.2	23.2	23.2	23.1	22.8	23.5	21.8
10	23.3	23.5	23.6	23.6	23.7	23.6	23.7	23.6	23.6	23.3	23.3	23.7	22.7
11	22.5	23.0	23.3	23.4	23.6	23.6	23.9	23.7	23.7	23.7	23.1	23.9	22.3
12	10.5	10.4	10.3	10.5	10.3	9.8	9.9	9.9	9.8	9.8	11.9	21.4	9.8
13	11.0	11.0	11.5	11.8	11.9	11.8	12.1	13.0	14.8	15.0	11.0	15.0	9.8
14	13.4	13.6	13.5	13.2	13.0	12.8	12.4	12.5	12.5	12.1	13.4	15.3	12.1
15	10.0	10.1	10.0	10.0	9.9	9.9	9.6	9.7	9.7	9.5	10.4	12.0	9.5
16	8.7	8.9	9.1	9.1	9.2	9.2	9.2	9.3	9.3	9.4	8.9	9.4	8.3
17	9.0	8.5	8.4	8.2	8.4	8.4	8.3	8.2	8.5	8.4	8.8	9.2	8.2
18	7.7	7.9	7.6	7.8	7.8	7.8	7.8	7.9	8.4	8.2	7.8	8.4	7.4
19	9.4	9.1	9.1	9.4	9.2	9.2	9.2	9.4	8.9	8.9	9.0	9.7	8.4
20	9.7	9.9	10.4	10.6	10.9	10.9	10.9	11.5	10.6	10.9	9.6	11.5	8.4
21	13.3	13.1	13.0	13.3	13.6	14.2	14.7	14.2	14.7	15.4	13.0	15.4	10.8
22	16.1	16.4	16.0	15.5	15.9	16.0	15.9	15.9	16.3	16.3	15.8	16.5	14.5
23	17.5	17.6	17.6	18.0	18.3	18.5	18.9	19.0	18.4	18.9	17.3	19.0	15.8
24	21.1	21.6	21.3	21.6	21.7	22.3	22.3	22.0	22.2	22.4	21.1	22.4	18.9
25	23.4	23.5	23.1	23.1	23.6	23.7	23.9	24.0	24.0	24.0	23.5	25.8	21.8
26	23.5	23.6	23.2	23.7	23.3	24.0	25.0	25.3	25.1	24.8	24.0	26.6	23.1
27	25.1	25.1	25.2	24.4	24.5	24.6	25.1	24.8	24.5	24.6	24.8	27.5	22.9
28	24.4	24.3	23.7	23.3	23.5	23.5	23.3	23.6	23.5	23.5	24.1	25.0	23.3
平均 MÉD											16.7	18.4	15.6
全月 MÉS												27.5	7.4

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	VST	VST	0.0
3	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
4	0.0	VST	0.0	0.0	0.0	0.2	0.0	VST	VST	0.0	VST	0.2	0.8	VST
5	0.0	0.0	0.0	0.0	0.0	VST	VST	VST	VST	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.6	0.0	0.0	0.0	0.8	2.0	0.4	0.2	1.0	VST	16.4	9.6
8	0.2	0.2	VST	1.0	VST	0.0	0.0	0.2	0.8	VST	VST	2.2	2.0	0.2
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	0.0
13	0.0	VST	VST	VST	VST	0.0	VST	VST	VST	VST	VST	VST	VST	VST
14	VST	1.0	0.4	VST	0.2	VST	0.0	VST	VST	VST	VST	VST	VST	0.2
15	0.2	VST	0.2	VST	0.2	VST	0.2	VST	0.0	VST	VST	VST	VST	0.0
16	VST	0.2	0.2	VST	VST	0.2	VST	VST	0.0	0.0	0.0	0.0	0.0	0.0
17	0.2	0.2	0.4	0.2	VST	0.2	VST	0.4	0.2	VST	0.2	VST	VST	VST
18	0.2	VST	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.2	VST	0.2	0.2	0.2	2.8	0.6	VST	VST	0.4	0.2	VST	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	1.6	13.0	1.8	VST	VST	VST	0.0	VST	0.0	VST	VST
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	0.0
24	VST	0.2	VST	0.0	0.0	0.0	0.0	0.0	VST	0.2	0.0	0.0	0.0	VST
25	0.0	VST	0.4	0.2	0.4	0.0	0.0	VST	VST	VST	0.0	0.0	0.0	0.0
26	VST	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
27	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
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

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	0.0	VST	VST
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	1.2	0.8
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
6	VST	0.2	VST	0.0	0.0	VST	0.0	0.0	0.0	0.0	0.2	0.2
7	7.0	2.0	0.4	5.6	1.6	1.6	0.6	3.4	1.2	0.4	54.8	16.4
8	1.0	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	2.2
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
13	VST	VST	VST	0.6	1.0	0.8	VST	VST	0.0	VST	2.4	1.0
14	VST	VST	VST	VST	VST	VST	0.0	0.0	0.0	0.0	1.8	1.0
15	VST	VST	0.0	0.2	VST	VST	0.2	VST	VST	VST	1.2	0.2
16	0.0	0.0	0.0	0.0	0.2	0.2	0.2	VST	0.0	0.0	1.2	0.2
17	VST	0.0	0.0	0.0	VST	0.2	0.0	VST	0.2	0.2	2.6	0.4
18	VST	0.0	0.0	VST	VST	VST	0.0	0.0	VST	VST	0.2	0.2
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	2.8
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	VST	VST	VST	0.0	0.0	0.0	VST	VST
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	13.0
23	0.0	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	VST	VST
24	VST	VST	VST	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2
25	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	VST	VST	1.0	0.4
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	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
全月 MÊS											96.2	16.4

風向及平均風速 ( km/h )

**DIRECÇÃO DO VENTO E VENTO-VELOCIDADE MÉDIA ( km/h )**

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

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h
1	S 3	SSW 2	WSW 4	N 3	C 1	S 2	S 6	S 3	S 2	SE 5	SE 2	N 3	NE 4
2	S 4	SSW 4	SSW 2	SSW 2	C 1	SE 4	SSE 6	ESE 7	SE 8	SE 9	ESE 12	ESE 12	ESE 11
3	SE 11	SE 11	SE 11	SE 10	SE 9	ESE 9	E 11	E 9	ESE 9	ESE 11	E 10	ESE 11	SE 11
4	ESE 12	ESE 14	E 17	E 9	ESE 9	E 11	ESE 8	E 10	E 10	E 10	E 13	ESE 11	ESE 10
5	ESE 9	E 14	E 14	E 13	E 10	ESE 10	ESE 11	SE 12	E 15	E 13	E 14	ESE 12	ESE 13
6	SE 9	SE 9	SE 12	SE 15	SE 14	SE 13	ESE 11	ESE 11	E 9	E 12	E 5	SE 5	SE 10
7	SE 14	SE 12	ESE 14	E 9	E 12	E 11	SE 11	ESE 14	ESE 16	ESE 16	ESE 16	NE 17	NNW 20
8	SE 12	ESE 11	E 12	E 8	SE 6	SE 7	SE 6	SE 4	SSE 7	SSE 11	SE 10	SE 9	SE 8
9	S 9	SSE 12	SSE 13	SSW 11	S 12	SSE 14	S 14	S 13	S 13	S 14	SSE 10	SE 10	SSE 13
10	SSE 20	SSE 19	SSE 18	SSE 15	SSE 12	SSE 12	S 8	SSE 9	SSE 12	SSE 11	SE 14	SSE 18	SSE 16
11	SSW 12	SSW 15	SSW 17	SSW 14	SSW 12	SSW 10	SSW 13	SSW 10	S 9	S 12	S 18	S 13	S 16
12	S 3	NW 14	NNW 17	NNW 15	NNW 21	NNW 22	N 21	N 26	N 25	N 26	N 24	NNE 28	NNE 28
13	NNE 28	NNE 30	NNE 31	N 26	NNE 34	NNE 29	NNE 24	NNE 23	NNE 26	NNE 22	NNE 19	NNE 20	NE 20
14	E 19	NE 16	NNE 16	NE 10	NNE 9	NNE 8	NNE 9	NNE 10	NNW 8	N 9	N 7	NW 10	NNW 12
15	NNW 12	N 13	NNW 14	NNW 16	N 16	N 18	N 18	N 20	N 18	N 19	N 20	N 18	N 22
16	N 26	N 26	N 30	N 32	N 28	N 28	NNE 29	N 25	N 25	N 24	N 26	N 25	NNE 26
17	N 25	N 26	N 30	N 24	N 27	NNE 27	N 23	N 23	N 23	N 19	N 19	N 21	N 18
18	NNE 31	NNE 28	NNE 28	NNE 29	N 26	N 30	NNE 23	NNE 22	NNE 27	NNE 29	NNE 30	NNE 31	NNE 29
19	N 20	N 22	N 21	N 18	N 17	N 16	N 16	N 15	NNW 15	N 12	N 11	N 10	NNW 10
20	NNE 20	NNE 18	NNE 19	NNE 20	NNE 18	N 12	N 13	N 12	N 11	NNE 13	NNE 13	NNE 9	NNE 8
21	N 8	NNE 14	NNE 14	NNE 12	NNE 15	NNE 13	NNE 14	NNE 15	NNE 14	NNE 10	NE 8	NE 6	NE 6
22	ESE 5	E 6	ESE 8	E 7	E 11	ESE 6	NNE 6	N 3	NNW 4	NNE 7	NNE 8	NNE 7	NE 10
23	N 2	NE 2	NE 2	NE 2	NNE 9	NNE 11	N 8	NNW 7	N 6	N 6	NNE 4	NE 3	SE 6
24	SSE 8	SSE 7	SSE 11	S 11	S 12	S 12	S 10	S 12	S 16	SSE 16	S 16	SSE 18	S 20
25	SSE 10	S 11	SSE 6	S 12	S 9	S 8	S 11	S 10	S 13	S 16	S 15	S 16	S 16
26	S 7	S 3	S 5	S 6	S 4	S 7	S 12	SSW 11	S 11	S 10	S 8	S 7	S 7
27	S 8	S 9	S 7	S 3	S 4	S 7	S 5	SSE 5	SSE 3	S 5	S 8	S 9	S 13
28	S 8	SSE 9	SSE 8	S 6	S 9	S 9	S 9	S 8	S 9	SSE 10	SSE 10	SSE 10	SSE 13

風向及平均風速 ( km/h )

**DIRECÇÃO DO VENTO E VENTO-VELOCIDADE MÉDIA ( km/h )**

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

	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD
1	SE 5	SE 5	SE 6	SE 6	SSW 5	SSW 8	SSW 7	S 6	SSW 4	WSW 2	SSW 2	4
2	SE 10	SE 11	SE 12	SE 9	SE 8	SE 9	SE 11	SSE 10	SE 9	SE 13	SSE 12	8
3	SE 13	ESE 15	ESE 13	ESE 12	ESE 14	ESE 14	ESE 14	ESE 13	ESE 14	ESE 14	ESE 13	12
4	ESE 12	ESE 14	ESE 11	ESE 11	ESE 11	ESE 10	ESE 14	ESE 11	ESE 13	ESE 14	SE 12	12
5	SE 12	ESE 12	ESE 13	ESE 11	ESE 12	ESE 11	ESE 10	SE 10	ESE 10	SE 13	SE 10	12
6	SE 9	SE 9	SE 14	SE 11	SE 12	SSE 12	SE 8	SSE 6	SE 9	SE 11	SE 13	10
7	NNE 14	NE 14	NE 13	ESE 14	SE 10	ESE 11	ESE 7	E 7	SE 8	ESE 7	SSE 11	12
8	SSE 9	SSE 12	S 8	S 10	SSE 8	S 10	S 8	SE 6	SE 6	SSE 6	SSE 8	8
9	SSE 16	SSE 20	SSE 21	SSE 20	SSE 18	SSE 19	SSE 19	S 16	S 17	SSE 18	SSE 18	15
10	SSE 13	SSE 13	SSE 12	SSE 10	SSE 11	S 12	SSE 14	SSE 14	S 15	S 12	S 12	13
11	S 16	S 16	S 13	S 16	S 14	S 10	S 11	S 8	S 8	SSW 7	S 4	12
12	N 26	N 25	N 30	NNE 27	NNE 33	NNE 32	NNE 32	NNE 34	NNE 30	NNE 32	NNE 33	25
13	NNE 19	NNE 18	NNE 17	NE 15	NNE 15	NNE 18	NNE 15	NNE 10	NE 8	ESE 15	E 22	21
14	NNW 10	NNW 10	N 9	N 10	N 13	N 12	NNW 11	NNW 12	N 13	NNE 19	N 15	12
15	N 20	N 21	N 22	N 21	N 20	N 23	N 24	N 22	N 21	N 26	N 27	20
16	N 24	NNE 24	NNE 27	NNE 28	NNE 26	NNE 22	N 20	NNE 23	NNE 24	N 22	NNE 25	26
17	N 18	N 20	N 20	N 21	N 24	N 23	N 25	N 23	N 24	NNE 23	NNE 24	23
18	NNE 27	NNE 20	NNE 27	N 18	N 24	N 21	NNE 29	N 27	NNE 25	N 22	N 21	26
19	N 10	N 13	NNE 16	NNE 21	NNE 22	NNE 23	NNE 23	NE 20	NE 17	NE 18	NE 20	17
20	NNE 10	NE 8	NNE 5	NE 3	NNE 4	SE 2	NE 2	N 6	NNE 8	NNW 7	NNW 6	10
21	NE 5	NNE 4	NE 4	NE 7	NE 7	NE 2	ESE 8	E 11	E 6	ESE 6	ESE 9	9
22	NNE 10	NNE 9	NNE 7	NE 4	NE 5	ESE 3	ESE 6	ESE 6	ESE 5	NNW 6	NNW 4	6
23	SE 8	SE 9	SE 7	SSE 11	SSE 8	SSE 7	SSE 7	SSE 10	S 11	S 13	SSE 11	7
24	SSE 20	SSE 20	S 20	SSE 20	SSE 18	SSE 18	SSE 16	SE 14	SE 12	S 12	S 11	14
25	S 16	S 17	S 17	S 8	S 9	SE 3	S 6	S 10	S 12	S 12	S 9	11
26	S 12	S 14	S 16	S 13	SSE 11	SW 3	SE 4	S 6	S 9	S 7	S 9	8
27	S 13	S 11	S 12	SSE 11	SSE 6	S 5	S 4	S 9	S 8	S 8	S 7	8
28	SSE 17	SSE 15	SSE 14	SSE 14	SSE 17	SSE 15	SSE 14	SSE 12	S 13	S 13	SSE 13	11

平均  
MÉD

13.3

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	8	SSW		16	S	SE	SSW	6
2	13	SE		32	SE			12
3	15	ESE		35	ESE			14
4	17	E		38	ESE			16
5	15	E		33	ESE			12
6	15	SE		37	SE			17
7	20	NNW		52	ESE			9
8	12	E	SE SSE	29	SE			10
9	21	SSE		49	SSE			14
10	20	SSE		41	SSE			18
11	18	S		40	S			15
12	34	NNE		59	NNE			10
13	34	NNE		55	NNE			18
14	19	E	NNE	45	N			8
15	27	N		56	N			21
16	32	N		59	N			14
17	30	N		55	N			21
18	31	NNE		54	NNE			16
19	23	NNE		44	N			13
20	20	NNE		34	NNE			13
21	15	NNE		24	NNE			10
22	11	E		37	NNE	ESE		7
23	13	S		30	SSE			6
24	20	S	SSE	46	S	SSE		11
25	17	S		34	S			21
26	16	S		32	S			20
27	13	S		24	S			20
28	17	SSE		37	SSE			15

雲量 ( 0 - 10 )

NEBULOSIDADE ( 0 - 10 )

CLOUDINESS ( 0 - 10 )

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

平均  
MÉD

9.6

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	1	1	0	0	0	0	0	0
50 - 100m	0	0	1	2	3	1	3	2	2	1	0	0	0
100 - 200m	2	1	1	1	2	3	1	1	1	2	1	1	0
200 - 300m	5	7	7	5	3	4	4	8	5	2	3	2	1
300 - 600m	20	20	19	20	20	19	19	17	20	23	23	24	26
600 - 1000m	1	0	0	0	0	0	0	0	0	0	1	1	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	0	0	0	0	0	0	0	0	0	0	0	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	2
50 - 100m	0	0	0	0	0	0	0	0	0	0	0	15
100 - 200m	0	0	0	0	1	1	0	0	0	0	0	19
200 - 300m	3	3	4	4	3	2	2	4	4	4	7	96
300 - 600m	24	24	23	23	23	24	25	23	23	23	20	525
600 - 1000m	1	1	1	1	1	1	1	1	1	1	1	15
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	0	0	0	0	0	0

能見度 (公里)

VISIBILIDADE ( km )

VISIBILITY ( km )

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	4	3	2	3	2	0.5	0.3	3	3	5	5	5	5	6
2	2	5	4	3	0.9	0.3	0.3	2	2	3	4	4	4	3
3	5	3	3	3	4	4	3	3	4	4	4	4	4	4
4	6	6	8	8	8	8	8	8	8	10	8	8	5	6
5	6	6	8	8	8	6	6	5	5	6	6	6	6	6
6	8	8	8	8	8	8	6	6	5	5	5	5	5	4
7	8	10	10	10	10	10	10	5	4	6	8	10	1	3
8	10	10	12	10	12	10	8	8	12	12	12	6	5	3
9	3	2	2	4	4	4	3	4	5	5	4	5	6	5
10	10	8	8	8	8	10	10	8	10	12	15	15	15	12
11	12	12	12	12	12	12	12	12	18	15	15	15	15	10
12	15	15	15	15	15	15	12	8	8	10	10	10	10	10
13	6	8	8	6	8	8	6	3	3	4	4	4	4	4
14	8	5	4	4	3	3	3	2	2	2	2	2	3	4
15	6	6	5	5	8	8	5	6	8	3	4	5	6	6
16	10	6	10	10	10	12	12	12	12	12	12	12	12	10
17	10	8	6	6	6	8	8	8	10	10	12	10	10	10
18	12	12	12	12	12	10	10	8	8	8	8	8	8	8
19	6	5	5	5	5	5	6	8	8	6	6	8	8	8
20	8	8	10	10	10	8	8	8	8	8	8	8	8	8
21	10	10	10	10	8	8	5	3	3	4	6	6	8	8
22	10	8	8	5	3	4	4	2	2	2	2	2	2	2
23	8	8	8	8	8	6	5	3	4	4	4	6	8	8
24	2	2	1	1	0.3	3	5	5	6	10	12	12	12	10
25	8	6	5	5	6	5	0.9	2	4	4	5	6	6	8
26	1	1	0.3	0.2	2	4	3	1	2	4	5	8	10	8
27	6	6	6	6	0.3	3	0.2	0.1	0.1	1	6	7	7	8
28	4	4	2	0.2	0.2	0.1	0.1	0.1	0.1	1	2	3	6	10

能見度 (公里)

VISIBILIDADE ( km )

VISIBILITY ( km )

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	最高 MÁX	最低 MÍN
1	8	8	4	4	6	8	10	10	10	10	10	0.3
2	3	3	3	3	5	6	5	5	5	5	6	0.3
3	4	3	4	4	6	5	5	6	6	6	6	3
4	6	6	8	6	8	8	8	8	8	6	10	5
5	6	5	5	5	8	8	6	8	8	8	8	5
6	4	5	4	4	5	8	8	8	8	8	8	4
7	4	2	5	6	8	5	3	4	4	4	10	1
8	3	3	4	4	8	6	6	5	5	3	12	3
9	6	8	8	8	8	8	6	6	8	8	8	2
10	12	12	8	8	10	12	10	12	12	12	15	8
11	15	18	18	12	10	12	12	12	15	15	18	10
12	10	10	10	10	10	12	12	10	10	10	15	8
13	3	2	2	2	2	3	5	6	10	8	10	2
14	4	4	4	4	5	8	10	10	10	6	10	2
15	4	4	5	6	8	8	10	10	10	10	10	3
16	8	8	6	7	8	8	8	8	8	10	12	6
17	10	10	10	10	12	12	12	12	12	12	12	6
18	10	8	10	8	10	10	10	10	6	6	12	6
19	8	8	8	7	8	8	10	10	10	8	10	5
20	8	8	8	8	8	12	12	12	12	12	12	8
21	7	8	7	6	8	8	10	10	10	10	10	3
22	2	2	2	2	3	3	3	4	3	8	10	2
23	8	12	12	12	10	10	10	10	8	3	12	3
24	12	10	8	8	8	10	10	10	10	6	12	0.3
25	8	8	5	8	6	6	6	6	6	6	8	0.9
26	6	4	4	4	3	5	6	6	6	6	10	0.2
27	8	7	5	2	4	5	5	5	3	4	8	0.1
28	10	10	12	12	12	10	8	6	6	6	12	0.1
全月 MÊS											18	0.1

總輻射量 ( $10^{-2} \text{ MJ m}^{-2}$ )

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

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

	5-6h	6-7h	7-8h	8-9h	9-10h	10-11h	11-12h	12-13h	13-14h	14-15h	15-16h	16-17h	17-18h	18-19h	總數	時最高
															TOTAL	MÁX 1h
1	0	5	91	128	152	153	169	100	145	162	104	44	5	0	1258	169
2	0	2	19	26	100	111	44	43	31	37	16	6	1	0	436	111
3	0	2	21	38	59	61	49	38	46	42	12	7	1	0	376	61
4	0	0	1	7	9	12	11	20	17	14	11	3	0	0	105	20
5	0	1	8	10	14	12	22	25	45	21	10	7	0	0	175	45
6	0	0	1	4	6	7	20	14	7	8	7	3	1	0	78	20
7	0	0	1	4	6	9	2	8	14	22	30	6	2	0	104	30
8	0	1	7	36	30	14	7	16	18	12	9	5	0	0	155	36
9	0	2	24	94	65	42	66	41	77	63	45	19	2	0	540	94
10	0	1	23	44	71	191	164	94	85	48	28	9	2	0	760	191
11	0	3	35	68	129	220	295	230	200	198	99	27	4	0	1508	295
12	0	2	31	31	45	38	38	57	50	38	18	5	0	0	353	57
13	0	1	6	9	21	24	42	39	24	19	13	5	1	0	204	42
14	1	1	7	18	26	32	23	32	36	23	25	8	2	0	234	36
15	0	1	7	11	20	26	29	37	20	18	10	4	1	0	184	37
16	0	0	8	18	28	37	48	33	25	17	8	3	0	0	225	48
17	0	1	6	9	17	30	34	43	32	34	22	9	1	0	238	43
18	0	1	12	16	25	29	59	63	37	41	30	9	1	0	323	63
19	0	1	7	12	29	48	52	57	97	71	38	17	3	0	432	97
20	0	4	22	39	75	124	142	209	193	168	61	16	3	0	1056	209
21	0	2	19	58	144	193	259	144	59	38	17	7	1	0	941	259
22	0	3	19	32	45	101	46	52	58	40	30	8	2	0	436	101
23	0	3	11	50	87	209	286	232	190	168	85	29	3	0	1353	286
24	2	5	23	20	39	100	51	80	73	71	59	24	1	0	548	100
25	0	3	11	52	68	94	102	103	90	45	18	6	0	0	592	103
26	0	4	14	39	63	68	135	130	80	71	27	9	0	0	640	135
27	2	10	25	40	75	112	228	170	69	48	48	16	1	0	844	228
28	0	4	24	44	91	68	123	193	128	54	49	24	2	0	804	193

全月  
MÊS

14902 295

平均  
MÉD

532

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

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

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

	5-6h	6-7h	7-8h	8-9h	9-10h	10-11h	11-12h	12-13h	13-14h	14-15h	15-16h	16-17h	17-18h	18-19h	總數	時最高
															TOTAL	MÁX 1h
1	0	3	48	64	95	114	113	85	96	105	64	32	3	0	822	114
2	0	1	16	23	81	94	40	40	28	33	14	4	0	0	374	94
3	0	1	19	36	55	57	46	36	43	39	10	6	0	0	348	57
4	0	0	1	6	7	11	9	18	16	12	9	2	0	0	91	18
5	0	0	7	10	12	11	20	23	42	19	9	6	0	0	159	42
6	0	0	1	3	5	6	18	12	6	7	6	2	0	0	66	18
7	0	0	0	2	4	8	1	7	12	20	28	5	1	0	88	28
8	0	1	6	34	28	12	6	15	17	12	8	4	0	0	143	34
9	0	2	22	84	60	40	61	38	71	59	42	18	2	0	499	84
10	0	1	21	40	65	174	150	87	79	45	26	9	2	0	699	174
11	0	3	33	64	119	204	191	128	105	98	54	24	3	0	1026	204
12	0	1	27	28	41	34	35	51	45	34	15	4	0	0	315	51
13	0	0	5	8	19	21	38	35	21	17	11	4	0	0	179	38
14	0	1	6	15	22	28	20	28	32	20	22	7	0	0	201	32
15	0	1	6	10	18	24	26	34	19	16	9	4	1	0	168	34
16	0	0	8	17	26	34	44	30	23	16	7	2	0	0	207	44
17	0	1	4	8	16	27	32	39	30	31	20	8	1	0	217	39
18	0	1	11	14	23	26	54	58	34	37	27	8	1	0	294	58
19	0	1	6	10	26	44	48	52	89	65	35	15	2	0	393	89
20	0	3	20	36	69	114	130	132	130	97	48	14	3	0	796	132
21	0	2	17	52	120	152	164	114	53	34	15	6	0	0	729	164
22	0	2	16	28	40	91	41	47	52	36	26	7	1	0	387	91
23	0	1	9	44	78	152	102	112	119	68	65	24	2	0	776	152
24	0	2	20	17	35	88	47	73	66	62	50	22	1	0	483	88
25	0	2	10	47	63	87	94	94	83	43	17	6	0	0	546	94
26	0	3	12	36	58	63	116	110	74	66	26	8	0	0	572	116
27	0	4	19	35	68	100	143	124	64	45	45	14	1	0	662	143
28	0	3	21	40	82	63	108	136	103	49	45	23	2	0	675	136
全月															11915	204
MÊS																
平均															426	
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	---	---	---	---	---	---	---	---	---

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	12.5	20.9	20.6	20.7	20.5	---	0.0	5.5
2	11.7	20.9	20.7	21.2	20.7	---	0.0	0.4
3	13.2	19.8	20.2	21.0	20.8	---	VST	0.0
4	12.9	20.0	19.8	20.7	20.9	---	0.2	0.0
5	12.8	19.4	19.5	20.4	21.0	---	1.0	0.0
6	17.9	19.2	19.2	20.2	21.0	---	0.0	0.0
7	13.1	18.9	19.0	20.0	20.9	---	4.0	0.0
8	13.0	19.0	19.2	19.8	20.8	---	53.4	0.0
9	14.7	20.0	19.5	19.8	20.8	---	5.4	0.1
10	17.1	20.6	21.1	20.5	20.7	---	0.0	1.7
11	18.0	22.0	21.5	21.2	21.0	---	0.0	7.2
12	9.8	21.3	21.4	21.8	21.0	---	0.0	0.0
13	5.0	17.5	18.5	21.0	21.2	---	VST	0.0
14	7.3	17.5	17.5	19.7	21.2	---	4.0	0.0
15	5.8	17.5	18.0	19.5	21.0	---	1.0	0.0
16	8.1	14.8	15.3	18.5	21.1	---	1.0	0.0
17	8.6	13.6	14.5	17.4	20.4	---	2.4	0.0
18	7.8	13.5	14.2	17.4	20.3	---	1.0	0.0
19	6.3	12.1	13.1	16.3	19.9	---	4.2	0.0
20	5.4	13.4	13.6	16.1	19.6	---	0.6	2.0
21	8.6	15.4	15.5	16.7	19.3	---	0.0	1.2
22	12.1	17.3	16.9	17.5	19.2	---	16.4	0.0
23	12.6	17.4	17.0	18.0	19.2	---	VST	4.2
24	14.8	19.8	19.3	19.0	19.2	---	0.2	0.3
25	17.0	20.0	20.5	19.5	19.5	---	1.2	0.0
26	17.0	20.2	20.4	20.1	19.7	---	0.2	0.6
27	18.0	22.2	21.5	20.7	19.8	---	VST	0.9
28	18.2	21.4	21.0	21.3	19.9	---	0.0	1.5
平均 MÉD	12.1	18.4	18.5	19.5	20.4	---		0.9
全月 MÊS	5.0						96.2	25.6

蒸發量, 地表狀況及天氣概況

EVAPORAÇÃO, ESTADO DO SOLO E EVOLUÇÃO DO TEMPO

EVAPORATION, SOIL STATUS AND WEATHER PHENOMENOM

蒸發量 ( mm ) 及附隨觀測

Evaporação ( mm ) e Observações complementares

水溫 Temperatura da água (°C)

	蒸發計	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	0.9	3.1	30.2	18.4	60	0	NB NV m.a; BS a.p; NV p.n
2	1.1	1.5	28.3	19.1	25	0	NB NV m.a; CH a.p; NB p.n
3	1.0	1.6	22.0	18.2	115	0	NB m.a.p.n
4	0.1	0.7	20.9	17.1	135	0	CH m.a.p; NB p
5	0.4	0.6	18.2	16.9	126	0	CH m.a; NB a.p
6	0.6	0.7	18.5	17.1	130	0	NB a.p; CH p.n; NB n
7	0.3	0.5	18.7	16.7	121	1	TR AG m.a; NB a.p; TR p; AG p.n; NB CH n
8	0.1	---	18.6	16.4	83	2	AG m.a.p; NB p.n
9	0.2	0.1	21.7	17.9	93	0	NB m.a.p
10	0.5	1.4	24.4	20.6	180	0	
11	1.1	2.6	27.0	21.8	157	0	
12	1.8	4.2	30.5	14.4	129	0	CH p
13	1.3	3.0	17.2	9.0	154	1	CH m.a; CV NB a.p; CH p.n; NB n
14	0.3	0.8	13.6	8.9	81	1	CH m; NB m.a; CV a.p; NB CH p.n
15	0.1	0.2	15.0	10.4	61	2	CH NB m.a.p; CH n
16	0.3	0.6	17.4	7.5	123	1	CH m.a.n
17	0.4	0.5	17.3	6.7	122	1	CH m.a.p.n
18	1.0	1.0	9.2	6.8	122	1	CH m.p.n
19	1.0	1.3	9.6	5.2	114	1	NB m; CH m.a
20	1.0	1.9	11.0	6.3	73	0	
21	1.3	1.7	18.9	8.4	33	0	NB BS a; CV CH n
22	1.1	1.8	21.9	12.8	41	1	CH m; NB AG m.a.p; BS p; NB n
23	0.6	0.6	21.0	16.4	17	0	BS a; NB CH a.n
24	0.9	1.6	27.5	16.8	88	1	NV m; CH NB m.a; CH p
25	0.7	1.1	23.8	19.6	173	1	CH NB m.a; NV a; NB p; CH n
26	0.3	0.2	26.2	21.4	110	1	CH NV m; NB m.a.p.n
27	0.6	1.9	27.2	22.2	82	1	CH m; NV m.a; NB m.a.p.n
28	0.3	0.4	28.6	22.2	86	0	NB NV m.a
平均			20.9	14.8			
MÉD							
全月	19.3	35.6	30.5	5.2	2834		
MÊS							

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

風向及平均風速 ( km/h )

**DIRECÇÃO DO VENTO E VENTO-VELOCIDADE MÉDIA ( km/h )**

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

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h
1	SSW 4	S 2	WSW 2	C 1	NNE 2	C 1	SSW 5	SW 2	C 1	NE 3	S 5	NE 4	SSE 8
2	SSW 4	S 3	S 2	C 1	C 0	C 1	C 1	C 1	NE 4	SE 5	ENE 8	NE 7	ENE 8
3	SE 13	SE 8	SE 8	SE 5	NE 4	NE 6	NE 8	NE 6	ENE 6	NE 8	NE 10	ENE 8	ESE 7
4	ENE 8	NE 9	NE 10	NE 7	NE 9	NE 9	NE 12	ENE 12	NE 14	ENE 12	ENE 11	NE 11	NE 9
5	E 9	ENE 13	ENE 14	ENE 12	ENE 13	ENE 10	NE 9	SE 8	ENE 12	ENE 12	ENE 13	ENE 14	ENE 9
6	SE 10	E 7	ESE 13	ESE 10	ENE 7	ESE 11	E 8	ENE 9	NE 7	NE 9	NE 7	NE 6	ENE 7
7	ESE 10	ENE 6	NE 8	NE 9	NNE 9	ENE 11	ENE 7	NE 12	E 10	ENE 10	ENE 14	NE 21	N 14
8	ESE 8	ENE 6	NE 6	ENE 5	NE 3	SSE 4	SSE 4	SSE 3	S 3	SE 4	SE 3	ESE 7	ESE 9
9	SSW 11	SW 6	S 14	SSW 13	S 16	S 13	S 14	S 12	S 10	S 14	ESE 6	S 7	S 8
10	S 17	S 18	SSW 13	SSW 13	SSW 10	SW 9	SSW 9	SSW 9	S 12	SSW 10	SSW 11	S 17	S 18
11	SSW 20	SSW 19	SSW 17	SSW 14	SSW 13	SSW 12	SSW 14	SSW 12	SSW 12	SSE 7	S 9	S 13	S 14
12	S 7	W 14	N 13	NNE 16	N 18	N 21	NNE 27	NNE 29	NNE 29	NNE 30	NNE 29	NNE 29	NNE 28
13	NNE 29	NNE 27	NNE 29	NNE 26	NNE 26	NNE 27	NNE 24	NNE 20	NNE 21	NNE 20	NNE 20	NNE 17	NNE 14
14	NE 24	NE 13	NNE 12	NNE 8	NNE 8	NNE 7	NNE 9	NNE 10	NNE 8	NNE 9	NNE 10	N 8	N 9
15	N 14	N 14	N 14	N 16	NNE 18	NNE 21	NNE 21	NNE 22	NNE 22	NNE 22	N 22	NNE 20	NNE 21
16	NNE 30	NNE 28	NNE 32	NNE 36	NNE 30	NNE 29	NNE 31	NNE 26	NNE 26	NNE 27	NNE 27	NNE 26	NNE 24
17	NNE 26	NNE 28	NNE 30	NNE 27	NNE 28	NNE 29	NNE 26	NNE 25	NNE 25	NNE 22	NNE 22	NNE 23	N 20
18	NNE 28	NNE 26	NNE 27	NNE 29	NNE 25	NNE 29	NNE 24	NNE 24	NNE 26	NNE 28	NNE 28	NNE 27	NNE 25
19	NNE 21	NNE 24	NNE 22	NNE 20	NNE 21	N 16	NNE 16	N 15	N 14	N 12	N 11	N 11	N 12
20	NNE 16	NNE 15	NNE 16	NNE 15	NNE 15	NNE 12	NNE 12	NNE 12	NNE 11	NNE 12	NNE 11	NNE 8	NE 8
21	NNE 4	NNE 11	NNE 11	NNE 10	NNE 12	NNE 12	NNE 12	NNE 13	NNE 12	NNE 11	NNE 8	NNE 8	NNE 7
22	NNE 2	NE 3	NE 2	NE 2	N 4	NE 5	C 1	C 1	NE 2	NNE 7	NNE 9	NNE 8	NNE 8
23	NNE 3	NNE 3	NNE 2	NNE 3	NNE 7	NNE 7	N 5	NNE 4	NNE 4	NNE 6	NNE 6	NE 4	NE 5
24	NE 2	SE 4	SE 6	SE 4	SE 6	S 6	SSW 6	SSW 10	SSW 11	SSW 13	SSW 10	S 11	S 16
25	SSW 12	SSW 7	S 5	SSW 8	SSW 10	SSW 7	SSW 8	SSW 9	SSW 7	SSW 11	SSW 13	SSW 12	SSW 11
26	S 2	C 0	SSW 4	SSW 6	SSW 8	SSW 11	SSW 10	SSW 7	S 7	SSW 10	SSW 11	SSW 15	S 11
27	SSW 10	SW 9	SSW 8	SSW 9	SSW 8	SSW 8	SSW 7	SSW 5	SSW 3	SSW 4	SW 6	SW 8	SSW 10
28	SSW 8	SSW 7	SW 5	SSW 6	SSW 6	SSW 5	SSW 5	SSW 6	SSW 10	SSW 10	S 11	S 12	S 12

風向及平均風速 ( km/h )

**DIRECÇÃO DO VENTO E VENTO-VELOCIDADE MÉDIA ( km/h )**

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

	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD
1	S 13	S 14	S 14	SSW 13	SSW 13	SSW 12	SSW 11	SSW 8	SW 7	SW 5	SSW 3	6
2	ENE 8	SE 8	SE 10	NE 8	ESE 6	SE 6	SE 12	SE 13	SE 11	SE 10	SE 11	6
3	SE 8	ESE 9	ENE 10	ENE 10	ENE 8	ESE 8	ESE 8	ESE 9	ESE 8	SE 11	ESE 7	8
4	ENE 7	ENE 10	NE 9	ENE 8	ENE 7	ENE 9	ENE 8	ESE 8	ENE 10	ENE 8	SE 11	10
5	ESE 9	SE 10	E 7	E 8	E 8	ESE 12	ESE 9	SE 6	ESE 9	NE 6	ESE 9	10
6	SE 7	SE 8	SE 7	SE 10	SE 10	SE 12	SE 11	ESE 11	SE 10	SE 13	ESE 13	9
7	NNE 12	NE 9	NE 11	E 9	SE 7	SE 7	NE 5	NE 4	ESE 5	ENE 4	SSE 7	9
8	ESE 10	ESE 14	ESE 11	ESE 10	ESE 6	ESE 4	SE 4	ESE 6	SE 3	E 3	S 5	6
9	S 11	S 19	S 20	S 18	S 21	S 20	S 18	S 18	S 15	S 19	SSW 13	14
10	S 17	S 20	S 18	SSW 12	SSW 9	SSW 10	SSW 11	SSW 11	SSW 10	SSW 12	SSW 13	13
11	S 13	SSW 13	SSW 12	SW 12	SSW 13	SSW 14	SSW 12	SSW 13	SSW 11	SSW 10	SSW 7	13
12	NNE 27	NNE 27	NNE 30	NNE 29	NNE 32	NNE 30	NNE 30	NNE 30	NNE 31	NNE 31	NNE 29	26
13	NNE 16	NNE 16	NNE 14	NNE 11	NNE 12	NNE 16	NNE 14	NNE 8	NE 9	NE 12	ENE 19	19
14	N 9	N 11	N 10	NNE 12	NNE 14	NNE 15	NNE 15	N 13	NNE 16	NNE 19	NNE 19	12
15	NNE 23	NNE 26	NNE 25	NNE 24	NNE 24	NNE 27	NNE 26	NNE 24	NNE 26	NNE 28	NNE 29	22
16	NNE 25	NNE 25	NNE 23	NNE 25	NNE 24	NNE 22	NNE 20	NNE 23	NNE 24	NNE 23	NNE 25	26
17	N 22	NNE 23	NNE 23	NNE 25	NNE 27	NNE 26	NNE 25	NNE 25	NNE 26	NNE 29	NNE 24	25
18	NNE 25	NNE 22	NNE 22	NNE 21	NNE 22	NNE 23	NNE 28	NNE 26	NNE 26	NNE 24	NNE 24	25
19	NNE 12	NNE 14	NNE 15	NNE 18	NNE 18	NNE 16	NNE 17	NNE 15	NE 12	NNE 14	NNE 16	16
20	NE 8	NE 7	NE 6	NE 4	NNE 4	C 1	NE 2	NNE 5	NNE 5	NNE 4	N 3	9
21	NNE 6	NNE 6	NNE 6	NNE 7	NNE 5	NE 2	SE 2	NE 3	NE 4	NNE 3	NNE 2	7
22	NNE 9	NNE 8	NNE 5	NE 2	ENE 4	C 1	C 1	C 1	NNE 2	NNE 3	NNE 2	4
23	SSE 6	SE 8	ESE 5	S 8	SSE 8	S 7	SSW 6	S 5	S 9	SE 6	SE 3	5
24	SSW 13	SSW 14	SSW 18	SSW 18	SSW 14	SW 15	SSW 15	SSW 13	SSW 9	SW 9	S 11	10
25	SSW 10	SSW 8	S 6	SSW 5	SSW 8	SW 12	SW 10	SSW 6	SSW 6	SSW 6	SSW 5	8
26	SSW 10	SSW 5	SW 2	SW 2	S 3	S 6	S 9	S 14	S 13	S 14	SW 9	8
27	S 8	S 9	SSW 11	SSW 12	SSW 13	S 11	S 8	SSW 6	S 5	SSW 4	SSW 5	8
28	S 10	S 15	S 14	S 10	S 10	S 12	S 10	SE 7	SSW 8	SSW 8	SSW 4	9

平均  
MÉD

12.2

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	14	S	23	SSW	8
2	13	SE	33	SE	9
3	13	SE	32	ESE	7
4	14	NE	31	ENE	12
5	14	ENE	35	ENE	10
6	13	SE ESE	34	SE	10
7	21	NE	41	NE	8
8	14	ESE	29	ESE	10
9	21	S	42	S	19
10	20	S	37	SSW	15
11	20	SSW	38	SSW	18
12	32	NNE	53	NNE	19
13	29	NNE	50	NNE	21
14	24	NE	46	NNE	16
15	29	NNE	49	NNE	19
16	36	NNE	58	NNE	24
17	30	NNE	57	NNE	22
18	29	NNE	50	NNE	24
19	24	NNE	42	NNE	16
20	16	NNE	32	NNE	16
21	13	NNE	23	NNE	20
22	9	NNE	20	NNE	11
23	9	S	19	NNE	10
24	18	SSW	39	SSW	13
25	13	SSW	31	SSW	20
26	15	SSW	30	SSW	11
27	13	SSW	20	SSW	16
28	15	S	29	SSW	12

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	24.7	21.3	18.9	96	91	78	7.4	0.0
2	21.6	19.4	18.0	97	93	86	1.0	0.2
3	20.7	19.5	18.7	95	92	87	0.2	0.0
4	18.8	18.4	18.1	95	94	92	0.0	0.0
5	18.9	18.5	18.1	94	92	88	0.0	0.4
6	19.1	18.6	17.9	94	93	90	0.0	0.0
7	19.2	18.5	17.9	97	96	93	0.0	8.6
8	21.2	18.9	17.8	97	96	94	0.0	59.6
9	25.0	22.6	21.0	97	94	85	4.2	3.2
10	25.8	23.0	21.4	97	93	82	5.4	0.0
11	27.0	24.1	22.9	95	90	78	6.9	0.0
12	23.4	14.8	10.9	95	81	73	0.0	0.0
13	15.6	11.7	10.1	97	93	87	0.0	0.0
14	15.9	14.2	12.7	97	96	94	0.0	4.4
15	12.7	10.6	9.4	95	93	90	0.0	0.4
16	9.5	8.7	8.1	96	91	83	0.0	1.4
17	9.1	8.6	8.0	95	90	81	0.0	2.0
18	10.1	9.0	7.7	90	78	71	0.0	0.6
19	10.8	8.8	7.0	96	92	84	0.0	4.2
20	17.4	12.9	10.1	86	78	63	2.2	0.4
21	20.7	16.2	13.5	88	81	67	1.1	0.0
22	18.5	17.2	16.0	94	90	85	0.3	3.0
23	25.0	20.0	17.1	93	85	66	5.4	0.0
24	22.5	21.1	19.7	96	93	85	0.5	0.4
25	24.6	22.5	21.2	98	95	87	0.9	0.6
26	24.9	22.8	21.9	98	95	85	0.9	0.4
27	24.8	23.3	21.8	98	96	91	0.0	0.0
28	26.0	23.4	21.9	99	94	83	2.9	0.0
平均 MÉD	19.8	17.4	16.0	95	91	83	1.4	
全月 MÉS	27.0		7.0	99		63	39.3	89.8

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	21.0	20.5	21.0	20.5	1.5	2.6	30.5	19.9	38
2	21.0	20.5	21.0	20.6	1.8	3.3	29.1	18.1	38
3	20.0	20.1	21.0	20.9	0.5	2.0	22.5	18.0	66
4	20.0	20.0	20.8	20.9	0.8	1.6	22.0	17.5	72
5	19.5	19.5	20.5	21.0	0.7	1.4	19.0	17.5	68
6	19.1	19.2	20.3	20.1	1.3	0.9	19.4	17.2	81
7	19.0	18.9	20.2	20.8	0.2	0.6	18.1	17.3	86
8	18.9	18.9	20.0	21.0	0.6	---	19.0	17.0	40
9	20.9	19.5	20.1	20.9	0.5	1.2	23.5	18.0	80
10	21.5	20.7	21.0	20.6	0.9	2.5	27.9	21.0	122
11	22.5	21.6	21.6	21.0	0.9	3.1	30.5	22.0	119
12	20.6	21.5	22.3	21.0	1.6	4.0	30.5	16.5	102
13	16.5	18.0	21.0	21.5	1.1	1.9	19.5	10.1	104
14	17.0	17.5	19.7	21.2	0.1	0.6	14.6	10.2	33
15	16.8	17.4	19.6	21.0	0.4	0.8	15.5	11.0	62
16	13.5	15.0	18.4	21.0	0.4	0.6	12.5	8.1	124
17	12.7	14.1	17.3	20.3	0.5	1.2	9.9	7.8	101
18	12.0	13.5	16.5	20.2	1.1	1.6	10.2	7.5	108
19	11.1	13.0	16.0	20.0	1.0	1.4	11.0	7.1	95
20	13.0	13.5	16.0	19.7	0.2	1.1	12.0	7.2	39
21	15.1	15.3	16.4	19.2	1.3	1.7	19.4	10.5	16
22	16.9	16.9	17.1	19.1	0.7	1.0	22.5	14.5	21
23	17.6	17.0	17.9	19.0	0.2	1.0	20.3	16.3	2
24	20.0	19.0	19.0	19.0	1.2	2.8	29.9	18.0	37
25	21.0	20.0	19.5	19.1	0.5	1.9	25.0	20.5	92
26	20.5	20.6	20.5	19.5	0.6	1.9	27.0	21.5	56
27	22.0	21.2	21.0	20.7	0.3	1.6	27.3	22.4	64
28	22.2	21.3	21.4	20.8	0.3	1.0	27.0	22.0	58
平均 MÉD	18.3	18.4	19.5	20.4			21.3	15.5	
全月 MÊS					21.2	45.3	30.5	7.1	1924

# 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**

澳門污水處理廠

**E.T.A.R de Macau**

海事博物館

**Museu Marítimo**

路環分站

**Delegação de Coloane**

嘉樂庇總督大橋

**Ponte Governador Nobre de Carvalho**

友誼大橋南峰

**Ponte de Amizade Sul**

西灣大橋

**Ponte Sai Van**

氣溫 (°C)

TEMPERATURA DO AR (°C)

AIR TEMPERATURE (°C)

	大炮台山			紀念孫中山市政公園			澳門污水處理廠		
	Fortaleza do Monte			Parque Municipal Dr. Sun Yat Sen			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
1	24.8	20.9	19.1	25.0	20.7	19.0	22.5	20.6	18.6
2	20.5	19.1	18.4	23.8	19.4	18.3	20.8	19.5	18.5
3	20.0	18.7	18.0	22.2	19.6	18.6	20.9	19.5	18.7
4	18.5	18.1	17.6	19.2	18.7	18.2	19.3	18.8	18.4
5	18.4	18.0	17.5	19.5	18.7	18.0	19.3	18.8	18.2
6	18.5	18.1	17.4	19.3	18.8	18.1	19.4	18.9	18.2
7	18.7	18.0	17.4	19.2	18.4	17.6	19.4	18.7	18.0
8	20.4	18.7	17.4	20.7	19.2	17.9	20.5	19.3	18.1
9	23.5	22.3	20.5	24.7	22.7	20.7	24.0	22.2	20.2
10	25.6	23.4	22.3	27.5	24.2	22.8	25.5	23.9	22.7
11	27.2	24.3	22.9	28.2	25.1	23.3	27.7	25.0	22.8
12	23.7	13.9	9.5	24.3	14.1	9.8	23.9	14.4	10.0
13	15.2	10.3	8.5	15.6	10.7	8.9	16.3	10.8	9.0
14	15.3	12.5	11.2	15.5	12.9	11.6	16.1	13.5	12.1
15	11.3	9.4	8.3	11.7	9.7	8.6	12.2	10.1	8.8
16	8.5	7.8	7.1	9.0	8.1	7.4	9.0	8.2	7.6
17	8.5	7.7	7.0	8.8	8.1	7.4	9.2	8.4	7.7
18	9.3	8.1	6.3	9.8	8.4	6.7	9.6	8.6	6.9
19	10.4	8.1	6.2	10.6	8.5	6.6	11.3	8.7	6.8
20	14.8	11.8	9.1	16.0	12.3	9.5	14.7	12.3	10.1
21	17.2	15.2	13.1	19.0	15.8	13.5	17.7	15.7	13.7
22	19.1	17.4	16.1	20.0	17.6	15.9	18.8	17.4	15.7
23	22.1	19.2	17.4	24.8	20.0	17.4	22.0	19.6	17.5
24	22.8	21.4	19.3	24.0	22.0	19.7	23.0	21.5	18.8
25	25.5	23.3	21.9	27.8	24.1	21.1	25.8	23.6	21.5
26	26.2	23.7	22.1	27.1	23.7	20.3	26.5	23.3	20.5
27	27.3	23.8	21.6	28.0	23.7	20.5	25.4	22.7	20.1
28	25.1	23.4	22.2	26.5	23.6	21.9	24.7	22.7	20.4
平均 MÉD	19.2	17.0	15.6	20.3	17.5	15.7	19.5	17.4	15.7
全月 MÊS	27.3		6.2	28.2		6.6	27.7		6.8

氣溫 (°C)

TEMPERATURA DO AR (°C)

AIR TEMPERATURE (°C)

	海事博物館			路環分站		
	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN
1	24.3	20.9	18.7	24.9	21.3	19.1
2	21.1	19.3	18.3	21.0	19.4	17.9
3	20.5	19.4	18.5	20.2	19.2	18.5
4	19.0	18.6	18.2	18.8	18.3	17.9
5	19.1	18.6	18.1	18.8	18.3	17.7
6	19.1	18.6	17.9	19.1	18.3	17.6
7	19.1	18.5	17.8	19.0	18.3	17.6
8	20.6	19.1	17.8	21.9	18.9	17.7
9	23.7	22.7	20.5	24.3	22.7	21.5
10	25.8	23.9	22.5	26.0	23.3	21.7
11	26.2	24.3	22.9	27.7	24.5	23.3
12	24.0	14.1	9.8	23.8	14.5	10.5
13	15.8	10.6	8.9	16.1	11.1	9.2
14	15.9	13.0	11.7	16.1	13.7	12.0
15	11.8	9.8	8.8	12.2	10.2	9.4
16	8.9	8.1	7.6	9.5	8.5	7.9
17	9.1	8.2	7.5	9.3	8.5	7.9
18	9.4	8.5	6.8	10.1	8.8	7.1
19	10.9	8.4	6.6	11.3	8.7	6.8
20	14.8	12.2	9.5	15.8	12.4	9.9
21	18.0	15.8	13.6	18.4	15.8	13.6
22	19.1	17.5	15.9	19.2	17.6	16.4
23	22.8	19.6	16.7	23.5	19.7	17.4
24	22.9	21.5	19.7	22.7	21.2	19.4
25	25.3	23.4	22.1	25.8	22.9	21.3
26	25.6	23.7	21.0	26.0	23.0	21.3
27	26.5	23.9	21.7	25.7	23.5	21.3
28	25.3	23.7	22.1	25.8	23.4	21.7
平均 MÉD	19.4	17.4	15.8	19.8	17.4	15.8
全月 MÊS	26.5		6.6	27.7		6.8

相對濕度 ( % )

HUMIDADE RELATIVA ( % )

RELATIVE HUMIDITY ( % )

	大炮台山			紀念孫中山市政公園			澳門污水處理廠		
	Fortaleza do Monte			Parque Municipal Dr. Sun Yat Sen			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
1	92	84	65	99	95	81	92	86	74
2	93	88	80	<b>89</b>	<b>86</b>	<b>82</b>	92	87	81
3	91	88	82	90	86	74	88	85	78
4	91	88	85	92	87	84	88	86	83
5	91	88	85	93	87	81	87	85	83
6	90	89	87	91	88	85	88	86	84
7	93	91	87	100	93	87	91	89	85
8	93	90	83	95	92	80	91	88	83
9	93	89	85	94	89	81	91	88	82
10	90	85	75	89	83	69	87	83	74
11	88	81	68	88	80	65	87	77	63
12	87	73	64	87	74	66	85	71	63
13	92	87	82	95	88	82	90	86	80
14	94	92	89	100	93	88	90	88	84
15	91	88	84	93	90	86	88	86	81
16	89	84	74	92	86	75	87	81	71
17	90	83	71	93	84	72	87	79	67
18	87	70	63	90	72	64	86	68	60
19	91	83	71	94	85	74	87	79	67
20	76	70	56	79	71	57	75	67	61
21	83	77	69	87	78	65	81	74	65
22	92	85	78	95	86	76	90	83	75
23	91	82	71	91	82	62	87	79	69
24	94	88	82	94	87	78	91	86	80
25	92	88	78	99	86	69	90	85	75
26	92	87	74	100	87	71	92	85	72
27	93	88	73	95	89	70	92	88	78
28	93	88	80	95	89	75	92	89	80
平均 MÉD	90	85	76	<b>93</b>	<b>85</b>	<b>75</b>	88	83	75
全月 MÊS	94		56	<b>100</b>		<b>57</b>	92		60

相對濕度 ( % )

HUMIDADE RELATIVA ( % )

RELATIVE HUMIDITY ( % )

	海事博物館			路環分站		
	Museu Marítimo			Delegação de Coloane		
	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN
1	94	85	69	96	87	71
2	93	88	81	97	91	83
3	90	87	81	92	89	84
4	90	87	84	92	90	87
5	89	86	84	92	89	84
6	89	88	85	93	91	89
7	94	91	87	96	93	90
8	93	90	83	95	93	88
9	93	90	86	96	92	84
10	90	84	74	95	91	79
11	89	83	73	91	86	72
12	89	74	66	91	77	68
13	93	87	82	96	91	83
14	94	91	88	97	94	91
15	92	88	84	96	92	86
16	90	84	75	94	87	76
17	91	82	70	93	85	74
18	88	70	62	92	73	66
19	91	83	71	95	85	69
20	78	70	59	80	73	63
21	82	76	67	86	79	67
22	93	86	79	94	88	82
23	90	82	69	92	84	69
24	93	89	84	95	92	86
25	93	89	80	96	92	80
26	94	89	77	97	93	78
27	94	90	78	97	93	84
28	95	90	81	98	93	82
平均 MÉD	91	85	77	94	88	79
全月 MÊS	95		59	98		63

雨量 (毫米)

PRECIPITAÇÃO ( mm )

RAINFALL ( mm )

	大炮台山		紀念孫中山市政公園		澳門污水處理廠	
	Fortaleza do Monte		Parque Municipal Dr. Sun Yat Sen		E.T.A.R de Macau	
	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	0.0	0.0	0.2	0.2	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
4	0.6	0.4	0.6	0.4	0.8	0.4
5	0.2	0.2	0.4	0.2	0.0	0.0
6	0.4	0.4	0.4	0.2	0.8	0.6
7	66.0	22.6	68.6	27.0	68.0	25.0
8	10.6	5.8	8.4	5.0	13.0	6.4
9	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0
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	1.0	0.6	1.2	0.6	1.0	0.4
14	0.8	0.2	1.2	0.4	1.0	0.4
15	0.4	0.2	0.4	0.2	0.4	0.2
16	0.6	0.2	0.6	0.2	0.6	0.4
17	2.4	0.6	3.0	0.8	2.4	0.6
18	0.0	0.0	0.0	0.0	0.2	0.2
19	4.0	2.8	5.6	3.6	4.6	3.4
20	0.0	0.0	0.0	0.0	0.0	0.0
21	0.2	0.2	0.2	0.2	0.0	0.0
22	8.0	5.2	4.0	2.6	5.6	2.6
23	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.4	0.4
25	2.0	1.4	2.8	1.8	2.8	1.4
26	0.0	0.0	0.2	0.2	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
<b>最高</b>	66.0	22.6	68.6	27.0	68.0	25.0
<b>MÁX</b>						
<b>總數</b>	97.2		97.8		101.6	
<b>TOTAL</b>						

雨量 (毫米)

PRECIPITAÇÃO ( mm )

RAINFALL ( mm )

	海事博物館		路環分站	
	Museu Marítimo		Delegação de Coloane	
	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	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0
4	0.8	0.6	0.8	0.4
5	0.0	0.0	0.0	0.0
6	0.2	0.2	0.4	0.4
7	62.0	21.0	58.2	20.2
8	12.4	6.6	10.0	4.2
9	0.0	0.0	0.0	0.0
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	0.6	0.4	1.4	0.6
14	0.4	0.2	2.0	1.2
15	0.2	0.2	0.4	0.2
16	0.2	0.2	1.0	0.4
17	1.6	0.6	1.8	0.4
18	0.0	0.0	0.0	0.0
19	3.2	2.4	3.6	2.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	12.2	8.0	2.4	1.2
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.6	0.2
25	1.2	0.8	0.4	0.2
26	0.0	0.0	0.4	0.2
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
<b>最高</b>	62.0	21.0	58.2	20.2
<b>MÁX</b>				
<b>總數</b>	95.0		83.4	
<b>TOTAL</b>				

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	E	3.7	20.9	C	2.4	17.6
2	E	7.4	30.6	E	4.3	27.0
3	E	10.8	34.9	E	6.5	30.2
4	E	11.5	33.5	E	7.8	32.4
5	E	11.8	33.5	E	7.6	33.5
6	E	10.9	42.8	E	6.9	27.0
7	E	8.9	33.5	E	5.5	28.8
8	E	5.2	22.7	E	3.0	25.2
9	SSE	6.5	36.4	S	5.3	28.8
10	SSE	8.7	34.2	SSW	7.3	27.7
11	S	11.4	40.0	SW	8.6	33.8
12	NW	15.4	43.2	N	11.5	39.6
13	NNW	10.6	43.2	N	6.0	32.0
14	NW	9.1	31.0	N	3.8	22.3
15	NW	13.0	35.3	N	10.7	34.2
16	NW	12.9	42.5	N	9.2	37.1
17	NW	13.5	38.5	N	10.4	37.4
18	NNW	12.9	37.8	N	9.1	31.3
19	NW	9.6	31.0	N	6.8	28.4
20	NW	6.2	21.2	C	2.9	17.6
21	NE	5.0	17.3	C	1.8	11.5
22	NW	3.7	16.2	C	0.8	10.4
23	E	4.6	20.5	C	2.2	18.4
24	SE	8.1	33.8	S	5.5	26.6
25	S	8.6	31.3	SSW	6.9	28.8
26	S	7.2	28.4	E	4.9	23.0
27	SSE	4.7	17.3	ENE	3.3	16.9
28	SSE	6.4	27.4	E	4.4	25.9
平均 MÉD		8.9			5.9	
最高 MÁX		15.4	43.2		11.5	39.6

風  
VENTO  
WIND

	澳門污水處理廠			海事博物館		
	E.T.A.R de Macau			Museu Marítimo		
	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	C	2.1	10.1	C	2.8	14.0
2	SE	6.1	22.7	ESE	4.1	24.1
3	ESE	10.7	33.1	ESE	5.7	31.3
4	ESE	10.2	24.8	NE	5.3	23.8
5	ESE	10.9	30.2	NE	5.6	26.3
6	ESE	7.5	27.0	NE	5.1	31.0
7	ESE	7.7	29.2	NE	5.0	33.5
8	C	3.5	21.2	N	2.8	20.2
9	SSE	10.1	34.6	S	11.2	33.8
10	S	7.1	30.6	S	13.8	44.6
11	S	6.4	35.6	SSW	13.0	44.3
12	N	13.8	38.9	N	17.6	49.7
13	NNW	11.3	36.4	NNE	12.0	45.4
14	NW	4.2	20.9	NNE	10.3	27.4
15	N	9.4	35.6	N	14.6	39.2
16	NNW	13.8	40.0	N	15.0	42.5
17	N	12.2	37.1	N	14.6	41.8
18	NNW	13.3	34.6	NNE	14.2	37.4
19	N	7.7	30.6	N	11.0	30.6
20	NE	5.2	19.1	NNE	5.7	19.1
21	NNW	3.7	13.7	NNE	4.8	18.0
22	C	1.5	11.5	NNE	2.6	13.7
23	SE	3.1	16.2	ESE	3.6	18.4
24	SSE	10.2	37.1	S	9.7	33.5
25	S	5.2	25.9	SSW	8.7	31.3
26	SE	3.9	20.5	SE	7.9	30.2
27	SE	3.2	15.5	SSW	5.3	19.1
28	SE	6.7	29.5	SSW	9.0	30.2
平均 MÉD		7.5			8.6	
最高 MÁX		13.8	40.0		17.6	49.7

風  
VENTO  
WIND

	路環分站			嘉樂庇總督大橋		
	Delegação de Coloane			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	盛行風向 Direcção predominante	平均風速 ( km/h ) Velocidade média	最高陣風 ( km/h ) Rajada máxima
1	C	1.6	10.8	NE	6.4	23.4
2	E	4.3	31.7	E	15.9	38.2
3	E	5.8	31.3	E	23.7	45.7
4	E	5.5	30.6	E	24.9	40.3
5	E	5.4	27.0	E	26.1	40.0
6	E	5.1	28.8	E	24.4	46.4
7	E	6.1	35.6	E	20.3	42.8
8	SE	2.4	18.4	E	13.8	30.6
9	E	7.3	32.4	SE	19.4	42.1
10	SE	4.6	28.1	S	21.6	47.2
11	SE	3.7	29.2	SSW	23.1	49.3
12	NW	11.4	42.5	NNW	18.5	47.9
13	NW	6.5	33.8	NE	16.4	57.2
14	NW	9.0	30.2	NW	12.5	50.4
15	NW	14.2	43.2	NNW	14.1	40.0
16	NW	8.4	42.8	N	16.8	49.0
17	NW	10.5	33.8	N	15.8	42.5
18	WNW	6.8	36.7	N	15.7	38.5
19	NW	8.3	28.8	NE	14.3	33.8
20	NW	3.7	18.0	NE	9.0	24.8
21	NW	3.2	18.4	NE	11.0	25.6
22	C	1.7	22.0	NE	6.0	21.2
23	SE	2.6	16.2	NE	9.3	28.4
24	SE	4.1	28.4	SE	19.8	41.4
25	SE	2.2	15.5	S	15.8	34.2
26	ESE	3.0	24.1	S	14.8	39.2
27	SE	1.9	17.3	SSE	10.3	23.0
28	SE	3.2	24.1	SSE	15.8	34.9
平均 MÉD		5.4			16.3	
最高 MÁX		14.2	43.2		26.1	57.2

風  
VENTO  
WIND

	友誼大橋南峰			西灣大橋		
	Ponte de Amizade Sul			Ponte Sai Van		
	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	SE	7.0	23.8	ENE	6.5	23.0
2	ESE	16.5	38.2	ESE	17.1	37.8
3	ESE	24.2	49.3	E	24.6	45.0
4	E	22.4	42.5	E	27.3	41.0
5	ESE	23.8	41.4	E	26.9	42.8
6	ESE	21.0	46.8	E	22.8	42.5
7	E	22.3	48.6	E	21.6	46.4
8	SE	14.2	33.1	E	11.4	32.8
9	SSE	22.6	48.2	S	21.6	43.6
10	SSW	16.5	41.8	S	23.1	51.1
11	SW	23.6	51.8	SW	23.4	60.8
12	N	27.6	50.8	N	23.4	46.4
13	NNE	24.4	54.7	NNE	18.9	59.8
14	NNW	12.4	52.6	N	14.1	50.8
15	N	22.0	50.8	N	19.4	38.5
16	N	26.6	50.4	N	20.4	41.4
17	N	25.2	44.6	NNE	20.6	43.6
18	N	26.4	46.4	NNE	21.8	41.4
19	N	20.6	35.3	N	15.3	34.9
20	NE	11.6	29.9	N	10.2	28.8
21	NNE	11.9	25.2	ENE	10.0	22.0
22	NE	7.0	23.0	E	6.5	22.3
23	SE	9.4	28.1	E	7.8	32.4
24	SSE	21.3	49.7	SSE	19.0	39.2
25	S	16.5	37.1	S	18.7	41.8
26	S	13.1	40.3	SW	15.0	37.4
27	SE	10.8	25.2	SSE	10.4	24.1
28	SE	15.7	34.6	SSE	15.6	33.5
平均 MÉD		18.5			17.6	
最高 MÁX		27.6	54.7		27.3	60.8