

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。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⁻²)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⁻²)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} 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:

a - Durante a manhã	OR - Orvalho
p - Durante a tarde	NB - Neblina
n - Durante a noite	NV - Nevoeiro
m - Durante a madrugada	BS - Bruma sêca
-	AI - Arco-íris
CH - Chuva	RP - Relâmpago
CV - Chuvisco	TR - Trovoada
AG - Aguaceiros	CS - Coroa solar
BO - Borrasca	CL - Coroa lunar
TM - Tromba marítima	HS - Halo solar
	HL - 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	φ	λ	Hs (m)	g (m/s ²)	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

φ - 緯度
Latitude

λ - 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
海平面氣壓 (hPa)														
Pressão atmosférica ao nível do mar (hPa)														
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														
氣溫 (°C)														
Temperatura do ar (°C)														
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														
相對濕度 (%)														
Humidade relativa														
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)														
雨量 (mm)														
Precipitação (mm)														
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														
風														
Vento														
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	15.4	0.6
Média		
平均最高	18.5	0.8
Média das máximas		
平均最低	13.1	0.9
Média das mínimas		
雨量 (mm)		
Precipitação (mm)	33.8	(a) 1.4
自一月起之累積雨量	33.8	(b) 1.4
平均相對濕度 (%)		
Humidade relativa média (%)	79	(c) 4.7
蒸發量 (mm)		
Evaporação (mm)	40.8	(d) -46.0
日照量 (h)		
Insolação (h)	81.6	(e) -50.8
風		
Vento		
盛行風向及其平均風速	NNE	16.8
Direcção predominante		
平均風速 (km/h)	12.6	
Velocidade média		

(a) 自2004年以來，該月份最高。

(a) A mais elevado do mês desde 2004

(b) 自2004年以來，該月份最高。

(b) A mais elevado do mês desde 2004

(c) 自1998年以來，該月份最高。

(c) A mais elevado do mês desde 1998

(d) 自1998年以來，該月份最低。

(d) A mais baixa do mês desde 1998

(e) 自1998年以來，該月份最低。

(e) A mais baixa do mês desde 1998

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
海平面氣壓 (hPa)														
Pressão atmosférica ao nível do mar (hPa)														
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	
Varição média diurna														
氣溫 (°C)														
Temperatura do ar (°C)														
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	
Varição média diurna														
相對濕度 (%)														
Humidade relativa														
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)														
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)														
雨量 (mm)														
Precipitação (mm)														
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														
風														
Vento														
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 1 月)

本月較正常氣溫偏高，平均、平均最高及平均最低氣溫分別為攝氏 15.4 度、18.5 度及 13.1 度，分別比正常高攝氏 0.6 度、0.8 度及 0.9 度；雨量與正常相若，但仍是自 2004 年以來當月最高值；平均相對濕度為 79%，比正常高 4.7%，乃自 1998 年當月最高值；蒸發量及日照量分別為 40.8 毫米及 81.6 小時，分別比正常低 46.0 毫米及 50.8 小時，同為 1998 年以來當月最低值。

本月首三日，本澳受到清涼空氣的影響，隨後兩天轉受偏東氣流影響，期間天氣清涼，大致多雲，有雨、薄霧及煙霞。

一道冷鋒在 6 日下午經過本地區，多雲，有雨及薄霧，下午氣溫逐漸下降。7 日至 8 日初期，天氣寒冷，密雲，有雨及薄霧；隨後，天氣繼續寒冷，雲量逐漸減少；另外，在 9 日，有薄霧及煙霞。

10 日，由於冷空氣緩和，氣溫回升，大致多雲，有幾陣雨、薄霧及煙霞。

11 日，由於另一股寒冷空氣的補充，氣溫下降，多雲，有幾陣雨及薄霧。隨後數日，天氣寒冷，較為乾燥及大致天晴，並在 12 日錄得本月最低氣溫為攝氏 7.9 度。

15 日至 18 日，在高壓脊的影響下，氣溫逐漸回升，大致天晴及較為乾燥，有薄霧及煙霞。

19 日起，本地區轉受到偏東氣流的影響，雲量逐漸增加，氣溫繼續上升，並在 20 日錄得本月最高氣溫為攝氏 25.5 度；另外，在 20 日及 21 日，有幾陣雨。

一道冷鋒在 22 日經過本地區，大致多雲，有雨及薄霧，末期氣溫下降。23 日及 24 日，天氣寒冷，多雲，有雨及薄霧；25 日及 26 日，天氣清涼，大致多雲，有雨，薄霧及煙霞。

27 日至 30 日，偏東氣流使本澳天氣清涼，多雲，有雨、薄霧及煙霞；另外，在 29 日錄得本月最高日雨量為 10.4 毫米。

31 日，高壓脊使本地區雲量減少，有薄霧及煙霞。

RESUMO DO ESTADO DO TEMPO EM MACAU NO MÊS DE JANEIRO DE 2010

A temperatura do ar no mês foi mais elevado do que o normal. A temperatura mensal, média das máximas e mínimas do ar foram de 15,4 graus Celsius, de 18,5 graus Celsius e 13,1 graus Celsius respectivamente, que foram em 0,6 graus Celsius, em 0,8 graus Celsius e em 0,9 graus Celsius acima do valor normal. A precipitação foi idêntico ao valor normal e constituiu o valor mais elevada no mês desde 2004. A humidade relativa média foi de 79%, em 4,7% mais elevado no mês desde 1998. A evaporação e insolação foram de 40,8 milímetros e de 81,6 horas respectivamente, os quais foram de 46,0 milímetros e 50,8 horas abaixo do valor normal. Os valores de evaporação e insolação que foram mais baixos desde Janeiro 1998.

No período de 1 a 3 dias do mês, o tempo em Macau esteve sob influência de uma massa de ar relativamente frio e dois dias seguintes, passou a ser afectado de uma corrente de Leste. Por isso, o tempo foi relativamente frio e geralmente muito nublado. Houve chuva, neblina e bruma seca.

Com uma frente fria deslocou-se a Região na tarde no dia 6. O céu apresentou-se muito nublado. Houve chuva com neblina e ocasionou descida a temperatura do ar gradualmente. A partir do dia 7 até o início do dia 8, o tempo foi frio. O céu apresentou-se encoberto. Houve chuva com neblina e o tempo continuou-se frio e gradualmente menos nublado. Além disso, no dia 9 houve neblina e bruma seca.

Devido ao enfraquecimento da massa de ar frio no dia 10, aumentou-se a temperatura do ar. O céu apresentou-se geralmente muito nublado. Houve chuva, neblina e bruma seca.

No dia 11, pela intensificação de uma massa do ar frio ocasionou uma descida de temperatura do ar. O céu apresentou-se muito nublado com períodos dispersos de chuva e neblina. Nos dias seguintes, o clima local foi frio, relativamente seco e geralmente pouco nublado. A temperatura mínima do mês de 7,9 graus Celsius foi registado no dia 12.

De 15 a 18 de Janeiro, o tempo em Macau esteve sob a influência de uma crista de altas pressões. A temperatura do ar aumentou-se gradualmente. O céu apresentou-se geralmente pouco nublado e relativamente seco. Houve neblina com bruma seca.

A partir do dia 19, a região passou a ser afectado de uma corrente de Leste. O céu aumentou-se gradualmente a nebulosidade e a temperatura do ar continuou-se a subir. A temperatura máxima do mês de 25,5 graus Celsius foi registado no dia 20. Além disso, houve períodos dispersos de chuva nos dias 20 e 21.

Uma frente fria deslocou-se à região no dia 22. O céu apresentou-se muito nublado. Houve chuva e neblina. A temperatura do ar foi descida para o fim do dia. Nos dias 23 e 24, o tempo foi frio e muito nublado. Houve chuva com neblina. Nos dias 25 e 26 o tempo tornou-se relativamente frio. O céu apresentou-se geralmente muito nublado. Houve chuva, neblina e bruma seca.

Nos dias 27 a 30, uma corrente de Leste trouxe-se o tempo da região relativamente frio, muito nublado com chuva. Houve neblina e bruma seca. Além disso, a precipitação máxima diária do mês de 10,4 milímetros foi registado no dia 29.

No dia 31, o tempo em Macau esteve sob a influência de uma crista de altas pressões. O céu apresentou-se menos nublado com neblina e bruma seca.

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	1005.3	1005.1	1004.5	1004.6	1004.3	1004.7	1005.1	1005.7	1006.1	1006.3	1006.1	1005.8	1004.2	1003.3
2	1004.0	1003.3	1002.9	1002.1	1001.9	1001.9	1002.2	1002.7	1003.3	1003.8	1003.6	1002.9	1002.0	1001.3
3	1003.9	1003.6	1003.3	1003.2	1003.4	1003.7	1004.0	1004.6	1005.2	1005.7	1005.4	1004.6	1003.8	1002.9
4	1002.6	1002.3	1001.3	1001.5	1001.2	1001.4	1002.2	1002.4	1003.1	1003.6	1003.2	1002.8	1001.5	1000.5
5	1001.1	1001.1	1000.9	1000.4	1000.9	1001.2	1001.3	1002.2	1003.0	1003.3	1003.8	1002.9	1001.9	1001.0
6	1002.8	1003.0	1003.0	1002.5	1002.4	1003.2	1003.7	1004.4	1005.3	1006.1	1006.1	1005.8	1005.1	1004.6
7	1007.4	1007.6	1007.3	1007.0	1007.3	1007.4	1008.1	1008.4	1009.2	1009.7	1009.6	1008.8	1007.8	1006.9
8	1008.2	1008.0	1008.0	1007.5	1007.3	1007.3	1007.7	1008.2	1009.2	1009.6	1009.6	1008.6	1007.4	1006.2
9	1006.5	1006.2	1005.7	1005.6	1005.5	1005.5	1005.9	1006.4	1007.2	1007.7	1007.7	1006.8	1005.5	1004.3
10	1004.8	1004.4	1004.1	1003.5	1003.6	1003.5	1004.0	1004.4	1004.6	1005.6	1005.2	1004.5	1003.3	1002.1
11	1003.2	1003.1	1002.9	1003.1	1003.1	1003.4	1003.7	1005.0	1005.8	1006.6	1006.7	1006.2	1005.1	1004.4
12	1008.0	1007.8	1007.8	1008.0	1008.1	1008.7	1009.5	1010.6	1010.8	1011.9	1012.0	1011.3	1010.3	1009.1
13	1011.5	1011.5	1011.6	1011.8	1011.9	1012.2	1012.6	1013.5	1014.3	1014.9	1014.6	1014.1	1013.2	1012.0
14	1013.9	1013.7	1013.3	1013.2	1013.3	1013.4	1013.7	1014.4	1014.6	1014.9	1014.5	1013.6	1012.6	1011.6
15	1011.0	1010.8	1010.5	1010.2	1010.6	1011.1	1011.6	1012.3	1012.7	1013.2	1012.7	1012.1	1011.2	1010.1
16	1012.0	1012.1	1011.5	1011.4	1011.1	1011.2	1012.1	1012.5	1013.2	1013.7	1013.3	1012.6	1011.8	1010.9
17	1013.3	1013.1	1012.6	1012.3	1012.0	1012.2	1012.7	1013.2	1013.8	1014.3	1014.1	1013.4	1012.5	1011.4
18	1011.9	1011.5	1010.9	1010.7	1010.6	1010.9	1011.2	1011.6	1012.2	1012.7	1012.1	1011.3	1010.1	1009.0
19	1008.7	1008.4	1007.8	1007.5	1007.7	1008.0	1008.3	1008.4	1008.8	1009.2	1008.8	1007.8	1006.6	1005.9
20	1006.5	1006.3	1005.7	1005.6	1005.8	1006.2	1006.5	1007.0	1007.7	1008.3	1007.8	1007.0	1006.0	1005.2
21	1006.0	1005.9	1005.3	1004.4	1004.2	1004.5	1004.3	1004.9	1005.2	1006.0	1006.2	1005.7	1004.9	1004.4
22	1006.0	1005.9	1005.3	1005.1	1005.7	1006.4	1007.2	1008.0	1008.9	1009.8	1009.8	1009.2	1008.3	1007.3
23	1009.4	1009.1	1008.5	1008.0	1007.9	1008.4	1009.0	1009.7	1010.4	1010.7	1010.7	1010.1	1009.2	1008.4
24	1008.9	1008.4	1007.8	1007.3	1007.1	1007.3	1007.9	1008.4	1008.6	1009.2	1009.3	1008.7	1007.4	1006.4
25	1006.6	1006.6	1006.8	1006.8	1006.8	1006.8	1007.6	1008.3	1009.0	1009.8	1009.7	1009.1	1007.9	1007.2
26	1009.6	1009.6	1009.6	1009.2	1009.2	1009.7	1010.6	1010.9	1011.8	1012.5	1012.8	1011.5	1010.3	1009.3
27	1008.6	1008.0	1007.2	1006.7	1006.2	1006.6	1007.1	1007.3	1007.7	1008.1	1007.8	1006.8	1005.5	1004.2
28	1004.7	1004.3	1003.6	1003.2	1003.1	1003.5	1003.9	1004.5	1005.0	1005.4	1005.6	1005.1	1004.0	1003.3
29	1004.6	1004.4	1004.2	1004.2	1004.5	1005.1	1005.3	1006.3	1007.2	1008.0	1008.1	1007.5	1006.5	1005.3
30	1005.1	1004.9	1004.5	1004.4	1004.3	1004.4	1005.2	1005.7	1006.3	1006.6	1006.3	1005.4	1004.3	1003.4
31	1003.4	1003.3	1003.2	1003.1	1003.3	1003.6	1004.0	1004.5	1004.9	1005.6	1005.0	1004.0	1003.3	1002.6

站高氣壓 (百帕斯卡)

PRESSÃO ATMOSFÉRICA (hPa)

ATMOSPHERIC PRESSURE (hPa)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	1002.4	1002.1	1002.6	1002.9	1002.9	1003.5	1003.9	1004.1	1004.2	1003.9	1004.3	1006.6	1002.1
2	1000.9	1001.0	1001.1	1001.9	1002.2	1002.9	1003.6	1004.0	1004.0	1003.9	1002.6	1004.3	1000.8
3	1002.5	1002.5	1002.6	1002.7	1003.0	1003.3	1003.3	1003.4	1003.2	1002.8	1003.6	1005.7	1002.4
4	999.8	999.6	999.7	1000.1	1000.3	1001.0	1001.2	1000.9	1001.2	1001.1	1001.4	1003.9	999.5
5	1000.7	1000.8	1000.6	1001.0	1001.1	1001.7	1002.2	1002.3	1002.7	1002.5	1001.7	1003.8	1000.0
6	1004.3	1004.4	1004.9	1005.5	1005.8	1006.3	1006.8	1007.0	1007.2	1007.3	1004.9	1007.4	1002.1
7	1006.3	1006.2	1006.5	1006.9	1007.3	1007.8	1008.5	1008.9	1008.8	1008.4	1007.8	1010.1	1006.0
8	1005.3	1005.1	1005.3	1005.4	1005.7	1006.5	1007.0	1006.9	1006.9	1006.7	1007.2	1009.8	1005.0
9	1003.5	1002.9	1002.5	1003.0	1003.7	1004.1	1004.3	1004.6	1005.2	1004.9	1005.2	1007.8	1002.5
10	1001.6	1001.4	1001.6	1002.0	1002.2	1002.8	1003.1	1003.5	1003.6	1003.4	1003.4	1005.8	1001.4
11	1004.2	1004.3	1004.6	1005.1	1005.4	1006.0	1006.5	1007.2	1007.5	1008.1	1005.0	1008.1	1002.8
12	1008.4	1007.9	1007.9	1008.2	1008.9	1009.0	1009.5	1010.0	1010.6	1011.1	1009.4	1012.3	1007.6
13	1011.6	1011.8	1012.5	1012.7	1012.9	1013.5	1013.9	1014.1	1014.2	1014.0	1013.0	1015.1	1011.2
14	1011.1	1010.7	1010.8	1010.9	1010.9	1011.5	1011.5	1011.6	1011.6	1011.3	1012.6	1015.0	1010.6
15	1009.4	1009.2	1009.6	1009.7	1010.2	1011.1	1011.8	1012.2	1012.5	1012.2	1011.2	1013.2	1009.1
16	1010.4	1010.3	1010.5	1011.0	1011.4	1011.9	1012.5	1013.0	1013.5	1013.6	1012.0	1013.7	1010.2
17	1010.6	1010.4	1010.6	1010.7	1010.8	1011.4	1011.7	1011.8	1012.0	1012.1	1012.2	1014.3	1010.4
18	1008.3	1007.6	1007.7	1008.0	1008.3	1008.7	1009.2	1009.4	1009.2	1008.8	1010.1	1012.7	1007.5
19	1005.3	1005.2	1005.4	1005.7	1006.0	1006.7	1006.8	1007.2	1006.8	1006.7	1007.2	1009.2	1005.2
20	1004.8	1004.6	1004.7	1005.1	1005.6	1006.2	1006.5	1006.6	1006.5	1006.2	1006.2	1008.4	1004.5
21	1003.6	1003.4	1003.7	1004.3	1004.7	1005.3	1005.6	1006.0	1006.0	1006.1	1005.0	1006.3	1003.3
22	1006.7	1006.3	1006.8	1007.4	1007.9	1008.5	1009.2	1009.6	1009.6	1009.6	1007.7	1010.1	1005.0
23	1008.0	1007.8	1008.3	1008.3	1008.7	1009.2	1009.5	1010.1	1009.9	1009.9	1009.1	1010.9	1007.8
24	1006.1	1005.9	1005.8	1006.2	1006.6	1007.4	1007.6	1007.6	1007.1	1006.8	1007.5	1009.5	1005.7
25	1006.3	1006.2	1006.5	1007.2	1007.7	1008.4	1008.8	1009.0	1009.5	1009.4	1007.8	1010.0	1006.1
26	1008.5	1008.0	1007.9	1007.7	1008.1	1008.6	1009.3	1009.5	1009.4	1008.9	1009.7	1013.0	1007.7
27	1003.4	1003.2	1003.1	1003.6	1004.0	1004.5	1004.7	1005.0	1004.9	1004.9	1005.8	1008.8	1003.0
28	1002.7	1002.4	1002.5	1002.9	1003.1	1003.9	1004.2	1004.4	1004.5	1004.5	1003.9	1005.6	1002.4
29	1004.5	1004.1	1004.3	1004.5	1005.1	1005.7	1005.3	1005.6	1005.4	1005.2	1005.4	1008.3	1004.0
30	1002.7	1002.6	1002.4	1002.9	1003.0	1003.5	1003.9	1003.9	1004.0	1003.7	1004.3	1006.7	1002.3
31	1002.2	1002.0	1002.1	1002.1	1001.7	1001.7	1002.2	1002.5	1002.4	1002.2	1003.1	1005.6	1001.4
平均 MÉD											1006.8	1009.1	1004.8
全月 MÉS												1015.1	999.5

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	1018.9	1018.7	1018.1	1018.1	1017.9	1018.2	1018.8	1019.3	1019.7	1019.8	1019.6	1019.3	1017.6	1016.7
2	1017.5	1016.8	1016.4	1015.6	1015.4	1015.5	1015.7	1016.2	1016.7	1017.3	1017.0	1016.3	1015.3	1014.6
3	1017.5	1017.1	1016.9	1016.8	1016.9	1017.2	1017.6	1018.2	1018.7	1019.2	1018.7	1018.1	1017.2	1016.2
4	1016.1	1015.8	1014.8	1015.0	1014.7	1014.9	1015.7	1015.9	1016.5	1017.0	1016.5	1016.1	1014.8	1013.7
5	1014.5	1014.5	1014.2	1013.8	1014.3	1014.6	1014.8	1015.6	1016.4	1016.8	1017.2	1016.4	1015.3	1014.4
6	1016.3	1016.5	1016.5	1016.0	1015.9	1016.7	1017.2	1018.0	1018.9	1019.7	1019.7	1019.4	1018.7	1018.2
7	1021.2	1021.3	1021.1	1020.8	1021.1	1021.2	1021.9	1022.3	1023.1	1023.5	1023.5	1022.6	1021.6	1020.7
8	1022.0	1021.9	1021.9	1021.4	1021.2	1021.2	1021.6	1022.1	1023.1	1023.5	1023.4	1022.3	1021.1	1019.8
9	1020.3	1019.9	1019.4	1019.4	1019.3	1019.3	1019.7	1020.2	1021.0	1021.4	1021.4	1020.4	1019.0	1017.7
10	1018.4	1017.9	1017.7	1017.0	1017.2	1017.0	1017.6	1018.0	1018.1	1019.1	1018.6	1017.9	1016.7	1015.5
11	1016.6	1016.6	1016.4	1016.7	1016.7	1017.1	1017.4	1018.7	1019.5	1020.3	1020.5	1019.9	1018.8	1018.0
12	1021.8	1021.7	1021.7	1021.8	1022.0	1022.7	1023.5	1024.6	1024.7	1025.8	1025.9	1025.0	1024.1	1022.8
13	1025.4	1025.3	1025.5	1025.7	1025.9	1026.2	1026.6	1027.4	1028.2	1028.7	1028.4	1027.8	1026.9	1025.7
14	1027.8	1027.5	1027.2	1027.0	1027.1	1027.2	1027.5	1028.2	1028.4	1028.6	1028.0	1027.2	1026.2	1025.2
15	1024.7	1024.5	1024.2	1023.9	1024.3	1024.8	1025.4	1026.1	1026.4	1026.7	1026.2	1025.6	1024.6	1023.6
16	1025.7	1025.8	1025.2	1025.1	1024.7	1024.9	1025.8	1026.3	1026.9	1027.2	1026.8	1026.1	1025.2	1024.2
17	1027.0	1026.8	1026.3	1026.0	1025.8	1025.9	1026.5	1026.9	1027.5	1027.9	1027.6	1026.8	1025.9	1024.8
18	1025.6	1025.2	1024.6	1024.3	1024.2	1024.5	1024.9	1025.2	1025.8	1026.2	1025.5	1024.7	1023.5	1022.4
19	1022.2	1021.9	1021.4	1021.0	1021.3	1021.7	1021.9	1022.0	1022.3	1022.6	1022.1	1021.2	1019.9	1019.2
20	1019.9	1019.7	1019.1	1019.0	1019.2	1019.5	1019.8	1020.4	1021.1	1021.6	1021.1	1020.1	1019.1	1018.3
21	1019.3	1019.2	1018.7	1017.7	1017.6	1017.8	1017.6	1018.2	1018.6	1019.3	1019.5	1019.0	1018.1	1017.6
22	1019.4	1019.3	1018.6	1018.5	1019.2	1019.9	1020.7	1021.5	1022.5	1023.3	1023.4	1022.7	1021.7	1020.7
23	1023.1	1022.8	1022.2	1021.7	1021.6	1022.1	1022.7	1023.4	1024.2	1024.4	1024.4	1023.8	1022.9	1022.1
24	1022.7	1022.3	1021.6	1021.0	1020.9	1021.1	1021.7	1022.2	1022.3	1022.9	1023.1	1022.4	1021.1	1020.1
25	1020.2	1020.2	1020.4	1020.5	1020.5	1020.4	1021.3	1022.0	1022.7	1023.4	1023.2	1022.6	1021.4	1020.7
26	1023.2	1023.3	1023.3	1023.0	1022.9	1023.5	1024.4	1024.6	1025.5	1026.2	1026.5	1025.1	1023.8	1022.9
27	1022.2	1021.6	1020.8	1020.3	1019.7	1020.2	1020.7	1020.9	1021.3	1021.6	1021.3	1020.3	1018.9	1017.7
28	1018.2	1017.8	1017.1	1016.6	1016.6	1017.0	1017.4	1017.9	1018.5	1018.8	1019.0	1018.5	1017.3	1016.6
29	1018.0	1017.8	1017.6	1017.6	1017.9	1018.5	1018.8	1019.7	1020.7	1021.5	1021.6	1021.0	1020.0	1018.7
30	1018.6	1018.3	1018.0	1017.9	1017.7	1017.9	1018.7	1019.2	1019.7	1020.0	1019.8	1018.8	1017.6	1016.8
31	1016.8	1016.7	1016.6	1016.5	1016.6	1017.0	1017.4	1017.9	1018.2	1018.9	1018.2	1017.2	1016.4	1015.8

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	1015.8	1015.6	1016.1	1016.4	1016.4	1017.0	1017.4	1017.6	1017.7	1017.4	1017.8	1019.8	1015.6
2	1014.3	1014.4	1014.6	1015.4	1015.7	1016.4	1017.2	1017.6	1017.5	1017.4	1016.1	1017.6	1014.3
3	1015.9	1015.9	1016.1	1016.2	1016.5	1016.8	1016.8	1016.9	1016.7	1016.3	1017.1	1019.2	1015.9
4	1013.1	1013.0	1013.1	1013.5	1013.7	1014.4	1014.6	1014.3	1014.6	1014.5	1014.8	1017.0	1013.0
5	1014.1	1014.2	1014.0	1014.4	1014.5	1015.1	1015.7	1015.7	1016.2	1016.0	1015.1	1017.2	1013.8
6	1017.9	1018.0	1018.6	1019.2	1019.5	1020.1	1020.6	1020.8	1020.9	1021.1	1018.5	1021.1	1015.9
7	1020.2	1020.0	1020.3	1020.7	1021.1	1021.7	1022.4	1022.7	1022.7	1022.2	1021.7	1023.5	1020.0
8	1019.0	1018.8	1019.0	1019.1	1019.5	1020.3	1020.8	1020.6	1020.6	1020.5	1021.0	1023.5	1018.8
9	1016.9	1016.3	1016.0	1016.6	1017.3	1017.6	1017.9	1018.2	1018.8	1018.4	1018.8	1021.4	1016.0
10	1015.0	1014.8	1015.0	1015.4	1015.6	1016.2	1016.5	1017.0	1017.0	1016.9	1016.9	1019.1	1014.8
11	1017.8	1018.1	1018.4	1018.8	1019.1	1019.8	1020.3	1021.0	1021.3	1021.9	1018.7	1021.9	1016.4
12	1022.1	1021.6	1021.6	1021.9	1022.6	1022.8	1023.3	1023.8	1024.4	1024.9	1023.2	1025.9	1021.6
13	1025.2	1025.5	1026.3	1026.5	1026.7	1027.3	1027.7	1028.0	1028.1	1027.9	1026.8	1028.7	1025.2
14	1024.6	1024.3	1024.4	1024.6	1024.6	1025.2	1025.2	1025.3	1025.3	1025.0	1026.3	1028.6	1024.3
15	1022.9	1022.6	1023.1	1023.2	1023.8	1024.7	1025.4	1025.8	1026.1	1025.8	1024.8	1026.7	1022.6
16	1023.8	1023.8	1024.1	1024.6	1025.0	1025.5	1026.2	1026.6	1027.1	1027.2	1025.6	1027.2	1023.8
17	1023.9	1023.9	1024.1	1024.3	1024.4	1025.0	1025.4	1025.5	1025.6	1025.8	1025.8	1027.9	1023.9
18	1021.7	1021.1	1021.2	1021.5	1021.9	1022.3	1022.8	1023.0	1022.7	1022.4	1023.6	1026.2	1021.1
19	1018.7	1018.6	1018.8	1019.1	1019.4	1020.1	1020.2	1020.6	1020.2	1020.1	1020.7	1022.6	1018.6
20	1018.0	1017.8	1017.9	1018.4	1018.9	1019.5	1019.8	1019.9	1019.8	1019.5	1019.5	1021.6	1017.8
21	1016.8	1016.6	1016.9	1017.5	1018.0	1018.6	1018.9	1019.3	1019.3	1019.4	1018.3	1019.5	1016.6
22	1020.1	1019.7	1020.3	1020.8	1021.4	1022.0	1022.8	1023.2	1023.2	1023.3	1021.2	1023.4	1018.5
23	1021.7	1021.5	1022.0	1022.1	1022.4	1023.0	1023.3	1024.0	1023.7	1023.7	1022.9	1024.4	1021.5
24	1019.7	1019.5	1019.5	1019.8	1020.3	1021.1	1021.3	1021.3	1020.8	1020.5	1021.2	1023.1	1019.5
25	1019.7	1019.6	1020.0	1020.7	1021.2	1021.9	1022.4	1022.5	1023.0	1023.0	1021.4	1023.4	1019.6
26	1022.0	1021.6	1021.5	1021.3	1021.7	1022.2	1022.9	1023.2	1023.0	1022.5	1023.3	1026.5	1021.3
27	1016.8	1016.6	1016.5	1017.1	1017.5	1018.0	1018.2	1018.4	1018.4	1018.4	1019.3	1022.2	1016.5
28	1016.0	1015.7	1015.8	1016.2	1016.5	1017.3	1017.6	1017.8	1017.8	1017.9	1017.3	1019.0	1015.7
29	1017.9	1017.6	1017.7	1018.0	1018.6	1019.1	1018.8	1019.1	1018.8	1018.7	1018.9	1021.6	1017.6
30	1016.0	1015.8	1015.7	1016.2	1016.5	1016.9	1017.3	1017.3	1017.4	1017.1	1017.7	1020.0	1015.7
31	1015.4	1015.2	1015.2	1015.4	1015.0	1015.0	1015.5	1015.8	1015.7	1015.5	1016.4	1018.9	1015.0
平均 MÉD											1020.3	1022.5	1018.4
全月 MÉS												1028.7	1013.0

氣溫 (°C)

TEMPERATURA DO AR (°C)

AIR TEMPERATURE (°C)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	15.2	15.2	14.1	14.7	14.6	14.5	13.5	13.7	13.9	14.6	15.9	16.0	17.4	16.5
2	15.4	15.7	15.4	15.3	15.2	15.0	15.0	15.0	16.3	17.3	17.8	17.5	18.6	17.3
3	14.6	14.7	14.5	14.4	14.4	14.4	14.3	14.6	15.4	17.1	18.7	17.2	17.6	18.3
4	16.2	16.1	15.7	15.0	15.2	14.6	14.9	15.7	17.3	17.0	18.0	19.4	19.5	19.9
5	17.5	17.5	17.4	17.1	17.1	17.0	17.0	17.2	17.2	16.8	16.9	16.0	16.8	16.7
6	15.6	15.4	15.2	15.2	15.1	14.9	14.8	14.8	15.1	15.2	15.4	15.6	15.0	14.4
7	10.9	10.8	10.4	10.2	10.0	10.1	10.0	10.1	10.0	10.2	10.7	10.9	10.7	10.3
8	9.3	9.1	8.9	8.5	8.5	8.7	8.8	8.6	9.1	10.2	10.9	12.6	12.8	12.8
9	10.8	10.8	10.6	10.5	10.5	10.3	10.3	10.4	10.9	11.6	13.3	15.0	16.9	17.1
10	14.5	14.2	14.4	14.0	14.2	14.2	14.2	14.3	14.9	16.2	17.9	18.1	17.4	17.9
11	16.5	16.3	15.1	13.8	12.4	12.0	12.3	12.4	12.2	11.6	11.3	11.9	12.5	12.5
12	10.4	10.0	9.7	9.2	8.6	8.3	7.9	8.1	9.3	10.5	11.6	12.2	12.7	13.6
13	10.3	10.0	9.7	9.2	9.1	8.7	8.6	9.0	10.0	11.7	13.6	13.8	15.0	15.2
14	11.5	11.7	11.6	11.8	11.6	11.2	11.4	12.1	13.4	15.6	17.3	17.3	16.2	16.4
15	13.9	13.8	13.2	12.6	12.4	12.1	12.1	12.4	14.3	16.6	18.9	18.8	18.4	17.5
16	14.1	14.5	14.6	14.3	14.6	14.3	12.9	13.7	14.9	18.0	18.9	20.2	20.5	21.0
17	14.2	13.6	14.7	13.5	13.3	13.1	13.0	13.1	14.7	16.3	17.7	19.1	19.6	19.8
18	13.8	14.9	14.5	14.2	14.5	14.2	14.2	14.6	15.8	17.4	19.3	20.1	21.1	18.8
19	16.0	15.9	15.6	15.7	15.3	14.8	15.0	15.2	16.2	18.4	20.0	19.7	20.4	20.4
20	18.6	18.6	18.7	18.6	18.8	18.9	18.9	19.5	19.9	20.5	23.1	25.4	24.2	23.0
21	19.6	19.9	19.9	19.7	19.6	19.9	19.3	19.7	20.1	20.4	20.8	21.2	21.6	22.5
22	18.8	19.1	19.2	18.5	17.3	17.0	16.6	16.6	16.5	16.6	16.7	17.2	17.8	19.2
23	13.5	13.0	12.6	12.2	12.1	12.0	12.0	12.0	11.9	12.4	12.7	12.5	12.9	12.7
24	10.7	10.6	10.7	10.7	10.7	10.8	11.0	11.1	11.5	11.8	12.2	12.8	12.6	13.0
25	13.7	13.4	13.3	12.7	12.7	12.7	13.0	13.4	14.4	16.5	17.4	17.8	17.7	17.0
26	14.9	14.4	13.6	12.8	12.6	12.7	12.8	12.8	13.2	13.7	13.6	15.2	16.2	15.1
27	14.8	14.7	14.7	14.6	14.7	14.7	14.6	14.5	14.8	16.0	16.7	16.9	17.7	17.8
28	16.3	16.6	16.4	16.9	16.6	16.5	17.0	17.0	17.3	18.4	18.4	19.4	20.5	20.0
29	18.6	18.8	18.7	18.0	17.6	17.5	18.0	17.9	16.5	16.5	16.5	16.5	16.7	17.2
30	17.3	17.4	17.3	17.4	18.0	17.3	16.4	16.4	17.1	17.8	18.3	18.3	18.4	19.4
31	18.0	17.9	17.8	18.1	18.5	18.3	18.0	18.6	19.7	20.2	21.7	22.8	23.5	22.5

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	17.7	15.8	15.5	15.2	15.3	15.5	15.8	15.7	15.5	16.0	15.3	17.9	13.4
2	16.5	16.1	15.2	15.3	15.1	15.0	15.2	14.9	14.8	14.6	15.8	18.7	14.6
3	17.9	16.9	16.5	16.3	16.3	16.3	16.2	16.2	16.3	16.2	16.0	19.0	14.2
4	18.7	18.2	17.6	17.5	17.3	17.2	17.5	17.6	17.6	17.4	17.1	20.6	14.5
5	16.8	16.3	16.4	15.9	15.9	15.9	16.0	16.0	16.0	15.6	16.6	17.6	15.6
6	13.9	13.3	12.8	12.4	12.0	12.0	11.8	11.7	11.5	11.2	13.9	15.8	11.1
7	9.9	9.6	9.5	9.4	9.4	9.3	9.2	9.5	9.6	9.3	10.0	11.2	9.2
8	12.5	11.9	11.5	11.1	10.9	11.0	11.0	10.9	10.9	10.8	10.5	13.0	8.4
9	17.8	17.8	16.0	13.8	14.3	14.8	14.8	15.0	15.2	14.5	13.4	18.2	10.3
10	18.0	17.2	17.2	17.3	17.0	17.2	16.8	16.2	16.2	16.2	16.1	19.8	14.0
11	12.2	11.5	11.2	11.0	10.9	10.8	10.9	10.7	10.7	10.5	12.2	16.5	10.5
12	13.6	12.9	12.3	11.7	11.4	11.5	11.5	11.4	10.8	10.6	10.8	13.7	7.9
13	15.0	14.7	13.7	12.1	12.2	12.2	12.1	11.0	11.6	11.2	11.6	15.5	8.6
14	16.5	15.5	15.0	14.3	13.8	14.1	13.9	13.9	13.9	14.0	13.9	18.2	11.1
15	17.7	18.3	16.2	15.8	15.5	15.6	15.4	15.3	15.0	14.7	15.3	19.5	12.0
16	19.6	17.8	16.8	15.9	15.7	15.7	15.5	15.4	15.2	15.0	16.2	21.2	12.8
17	20.6	17.9	16.7	15.6	15.5	15.5	15.4	15.4	15.3	15.0	15.8	20.9	12.8
18	18.8	17.2	17.4	16.0	15.8	15.9	15.9	16.0	15.9	15.9	16.3	21.3	13.7
19	19.9	18.4	18.9	18.1	18.0	18.4	18.6	18.7	18.5	18.1	17.7	20.9	14.7
20	22.3	21.7	22.7	21.1	20.5	20.4	20.3	19.9	19.8	20.1	20.6	25.5	18.1
21	22.0	21.9	21.3	21.0	20.7	20.6	20.6	20.4	21.1	19.9	20.6	22.6	19.2
22	17.9	17.5	17.5	17.2	16.8	16.3	16.0	15.2	14.3	13.8	17.1	20.8	13.6
23	12.4	12.2	11.9	11.2	11.2	10.9	10.6	10.5	10.5	10.7	11.9	13.6	10.4
24	13.2	13.1	13.1	13.0	13.1	13.0	12.8	13.1	13.4	13.5	12.1	13.5	10.6
25	18.4	18.2	17.6	16.8	16.4	16.5	16.3	16.1	15.7	15.2	15.5	19.3	12.6
26	15.5	14.9	14.9	14.7	14.5	14.8	14.8	14.7	14.8	14.8	14.2	16.9	12.6
27	17.5	16.8	16.3	16.2	16.6	16.2	16.6	16.5	16.4	16.5	16.0	18.4	14.3
28	19.4	19.9	19.5	19.0	18.1	18.4	18.6	18.8	18.7	18.9	18.2	20.9	16.2
29	17.3	17.3	17.5	17.3	17.3	17.1	17.0	17.0	17.0	17.1	17.4	19.0	16.3
30	19.7	20.0	18.9	17.7	17.3	17.3	18.3	18.3	18.0	17.7	17.9	20.0	16.2
31	22.3	21.5	22.4	20.5	19.4	19.6	19.6	19.4	19.3	19.4	20.0	24.1	17.7
平均 MÉD											15.4	18.5	13.1
全月 MÉS												25.5	7.9

露點 (°C)

PONTO DE ORVALHO (°C)

DEW POINT (°C)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	10.4	10.0	11.5	10.4	10.4	11.0	11.3	10.6	10.0	10.2	11.4	10.7	11.5	10.8
2	12.5	12.7	12.7	12.6	12.5	12.5	12.7	12.9	13.3	13.7	14.2	13.8	14.3	14.3
3	13.2	13.4	13.2	13.1	13.0	13.0	13.0	13.2	13.6	13.7	13.6	13.2	13.4	13.6
4	12.8	12.8	12.7	13.0	12.5	12.5	13.1	12.8	13.2	13.6	12.8	12.5	14.2	14.3
5	14.2	14.2	14.0	14.1	14.0	14.0	13.8	13.2	12.4	12.8	13.3	13.4	13.4	13.5
6	14.0	13.8	13.8	13.8	13.7	13.5	13.4	13.4	13.6	13.6	13.7	13.8	13.4	12.7
7	8.8	8.7	8.4	8.1	8.1	8.0	7.7	7.7	7.8	7.5	7.7	7.7	7.8	7.6
8	7.9	7.7	7.5	7.1	7.0	7.3	7.5	7.2	7.6	7.8	7.9	8.2	8.0	8.0
9	8.1	8.1	8.1	8.3	8.6	8.5	8.7	8.9	9.2	9.7	10.0	10.3	10.1	10.5
10	10.9	11.0	11.0	11.2	11.5	11.5	11.9	11.7	12.0	12.3	13.0	13.6	13.7	13.5
11	13.4	13.5	12.8	12.0	10.9	10.6	10.9	11.1	10.9	10.2	10.0	10.6	11.1	10.5
12	7.1	6.4	6.0	5.3	5.0	4.6	4.2	4.1	4.6	4.4	4.5	4.2	4.0	3.8
13	2.4	2.2	2.3	2.4	2.1	1.6	1.8	2.0	2.2	2.4	2.3	2.8	2.3	2.3
14	2.4	2.7	2.1	2.8	3.1	3.1	3.8	4.3	4.7	6.5	7.5	6.7	6.8	8.3
15	9.6	9.8	9.8	10.0	10.0	9.6	9.5	9.4	9.6	10.2	10.1	11.0	10.5	9.0
16	8.0	9.2	8.2	7.7	7.0	6.8	9.1	8.6	9.2	10.9	10.7	9.9	10.1	9.9
17	11.4	11.2	11.2	11.5	11.5	11.3	11.3	11.3	11.6	11.1	10.6	10.8	10.9	10.6
18	11.5	11.8	11.7	11.6	11.5	11.1	11.1	11.0	11.4	12.0	12.2	11.9	11.9	11.9
19	12.4	12.7	12.7	12.5	12.0	11.9	11.9	12.1	12.4	13.3	13.1	13.4	13.4	13.2
20	15.2	15.2	15.2	15.1	15.3	15.5	15.6	16.0	15.7	15.8	16.4	16.7	16.6	16.6
21	17.3	17.6	17.6	17.5	17.5	17.7	17.3	17.8	17.7	17.7	17.7	17.9	18.0	18.2
22	16.9	17.3	17.5	16.9	15.8	15.5	15.1	15.1	14.8	14.6	14.5	14.1	14.2	14.2
23	12.0	11.6	11.2	10.8	10.6	10.4	10.3	10.2	9.9	10.4	10.6	10.4	10.4	10.1
24	8.5	8.4	8.4	8.4	8.5	8.5	8.6	8.6	8.7	8.9	9.3	9.8	10.0	10.2
25	10.9	10.8	11.1	11.0	11.1	11.3	11.5	12.0	12.8	13.4	13.1	13.2	13.1	12.9
26	9.8	9.8	9.4	9.3	8.9	8.9	8.7	8.9	8.9	9.0	9.2	9.3	9.5	9.6
27	11.4	11.5	11.6	11.5	11.7	11.8	11.9	12.2	12.5	13.0	12.8	12.7	12.8	12.8
28	14.0	14.4	14.3	15.0	14.8	14.7	15.1	15.1	15.4	16.1	15.4	15.8	15.9	16.0
29	16.8	17.1	17.0	16.3	17.0	17.1	17.7	17.6	15.1	15.1	15.1	15.0	15.2	15.2
30	13.9	14.1	14.2	14.2	14.4	14.0	14.0	14.0	14.1	14.1	14.0	14.5	15.0	15.2
31	15.8	15.9	15.9	16.0	16.3	15.9	15.9	16.2	16.2	16.0	16.1	16.1	16.7	16.6

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	10.6	10.3	11.0	11.6	11.2	12.0	12.1	12.1	12.1	12.9	11.1	12.9	10.0
2	13.9	13.9	13.5	13.6	13.5	13.5	13.8	13.5	13.4	13.2	13.4	14.3	12.5
3	13.0	13.0	12.9	12.9	13.1	13.0	13.2	12.5	12.2	12.4	13.1	13.7	12.2
4	14.0	14.3	14.6	14.5	14.5	14.6	14.3	13.9	14.2	14.4	13.6	14.6	12.5
5	13.5	13.4	13.3	13.3	13.6	13.7	14.0	14.1	14.2	14.0	13.6	14.2	12.4
6	12.1	11.6	10.8	10.6	10.2	10.1	9.7	9.5	9.3	9.2	12.2	14.0	9.2
7	8.1	8.0	8.0	8.0	8.0	7.9	7.7	7.9	7.9	7.8	8.0	8.8	7.5
8	8.0	7.8	7.5	7.6	7.6	7.8	7.8	8.1	8.3	8.2	7.7	8.3	7.0
9	9.9	10.4	10.1	10.0	10.3	10.3	10.3	10.6	10.5	10.6	9.6	10.6	8.1
10	14.0	13.7	13.9	13.7	14.0	14.0	13.9	13.5	13.1	13.2	12.7	14.0	10.9
11	10.1	9.9	9.8	9.5	9.2	8.5	8.5	8.0	7.8	7.3	10.3	13.5	7.3
12	3.6	3.9	3.5	3.3	2.7	2.6	1.7	2.1	3.1	2.2	4.0	7.1	1.7
13	0.6	0.7	0.9	1.9	0.3	0.6	2.4	0.6	1.7	2.5	1.8	2.8	0.3
14	8.3	8.6	7.5	7.4	9.0	9.5	9.3	9.3	8.7	9.8	6.3	9.8	2.1
15	10.0	9.6	9.8	9.8	10.5	7.4	8.4	7.4	6.7	7.7	9.4	11.0	6.7
16	11.2	9.0	10.0	10.8	11.7	11.7	11.7	11.6	11.7	11.2	9.8	11.7	6.8
17	10.1	10.0	10.8	11.4	11.7	11.7	11.4	11.3	11.7	11.7	11.2	11.7	10.0
18	11.1	10.8	10.5	11.5	12.2	12.3	12.6	11.8	11.9	12.1	11.6	12.6	10.5
19	13.3	13.4	13.9	14.2	14.4	14.7	14.9	15.0	15.0	15.0	13.4	15.0	11.9
20	17.2	17.2	17.8	17.7	17.7	17.7	17.6	17.3	17.5	17.7	16.5	17.8	15.1
21	17.9	17.9	18.0	17.8	17.8	17.9	17.9	17.8	17.7	17.4	17.7	18.2	17.3
22	14.0	14.0	14.1	14.6	14.1	13.5	13.1	12.6	12.5	12.2	14.6	17.5	12.2
23	9.8	9.8	9.6	9.1	8.8	8.6	8.3	8.3	8.3	8.4	9.9	12.0	8.3
24	10.2	10.3	10.4	10.5	10.5	10.3	10.5	10.6	10.7	10.8	9.6	10.8	8.4
25	13.3	13.4	13.0	12.9	12.7	12.4	12.2	12.1	11.1	10.5	12.2	13.4	10.5
26	9.9	10.2	10.6	10.8	10.9	11.3	11.5	11.4	11.3	11.2	9.9	11.5	8.7
27	12.7	13.0	13.0	13.4	13.8	13.6	13.6	13.7	13.1	13.9	12.7	13.9	11.4
28	15.8	16.1	16.1	16.0	15.8	15.8	16.0	16.2	16.4	17.0	15.6	17.0	14.0
29	14.6	14.4	14.4	14.3	14.3	14.3	14.1	14.3	14.2	14.1	15.4	17.7	14.1
30	15.5	15.5	15.4	15.1	15.1	15.1	15.4	15.5	15.5	15.6	14.7	15.6	13.9
31	16.9	17.1	17.4	17.3	17.3	17.4	17.3	17.5	17.4	17.6	16.6	17.6	15.8
平均 MÉD											11.6	13.0	10.0
全月 MÉS												18.2	0.3

相對濕度 (%)

HUMIDADE RELATIVA (%)

RELATIVE HUMIDITY (%)

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

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

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	12.5	12.2	13.6	12.6	12.5	13.1	13.3	12.6	12.1	12.3	13.4	12.8	13.5	12.9
2	14.5	14.6	14.7	14.6	14.5	14.5	14.7	14.8	15.2	15.6	16.1	15.7	16.1	16.2
3	15.2	15.4	15.2	15.1	15.0	15.0	15.0	15.2	15.6	15.6	15.4	15.1	15.4	15.6
4	14.8	14.7	14.6	15.0	14.5	14.4	15.1	14.8	15.0	15.4	14.6	14.3	16.0	16.3
5	16.2	16.2	15.9	16.1	16.0	15.9	15.7	15.1	14.4	14.7	15.1	15.3	15.2	15.3
6	16.0	15.8	15.8	15.8	15.7	15.5	15.4	15.4	15.5	15.6	15.6	15.8	15.4	14.6
7	11.2	11.1	11.0	10.8	10.9	10.8	10.5	10.4	10.5	10.4	10.4	10.4	10.6	10.5
8	10.6	10.4	10.3	10.0	10.0	10.1	10.4	10.0	10.4	10.5	10.6	10.9	10.7	10.7
9	10.7	10.7	10.8	10.9	11.1	11.1	11.3	11.4	11.6	12.0	12.2	12.5	12.3	12.5
10	12.9	13.1	13.2	13.3	13.5	13.5	13.9	13.8	14.0	14.3	15.0	15.5	15.6	15.3
11	15.3	15.4	14.8	14.0	13.0	12.8	13.0	13.1	13.0	12.4	12.2	12.7	13.2	12.6
12	10.0	9.6	9.2	8.9	8.7	8.3	8.1	8.1	8.4	8.0	7.8	7.7	7.5	7.2
13	6.7	6.6	6.7	6.9	6.6	6.4	6.5	6.6	6.6	6.6	6.4	6.7	6.2	6.2
14	6.6	6.7	6.4	6.8	7.0	7.0	7.4	7.8	7.8	9.0	9.4	9.0	9.2	10.2
15	11.8	12.0	12.1	12.2	12.2	12.0	12.0	11.7	11.8	12.3	11.6	12.6	12.0	10.7
16	10.6	11.5	10.8	10.0	9.5	9.3	11.4	11.1	11.5	12.8	12.1	11.3	11.4	11.2
17	13.5	13.3	13.3	13.5	13.5	13.3	13.4	13.3	13.6	13.1	12.7	12.3	12.3	11.9
18	13.6	13.8	13.8	13.7	13.6	13.1	13.1	13.0	13.5	14.0	14.1	13.2	13.2	13.8
19	14.4	14.7	14.7	14.5	14.1	13.9	13.9	14.1	14.4	15.1	15.0	15.3	15.1	15.1
20	17.3	17.3	17.2	17.1	17.3	17.4	17.6	18.2	17.6	17.8	18.5	18.7	18.7	18.8
21	19.8	20.2	20.2	19.9	20.0	20.2	19.8	20.3	20.2	20.2	20.1	20.4	20.6	20.7
22	19.1	19.7	20.1	19.2	17.9	17.6	17.1	17.1	16.8	16.5	16.5	16.1	16.1	16.0
23	14.1	13.6	13.2	13.0	12.8	12.7	12.5	12.5	12.2	12.7	12.7	12.6	12.6	12.3
24	11.1	11.0	11.1	11.1	11.1	11.0	11.1	11.1	11.3	11.3	11.7	12.0	12.2	12.4
25	13.0	12.9	13.1	13.1	13.1	13.4	13.6	14.0	14.8	15.3	14.9	15.1	14.9	14.7
26	12.1	12.1	11.8	11.7	11.4	11.3	11.2	11.4	11.4	11.3	11.6	11.6	11.7	11.9
27	13.4	13.5	13.6	13.5	13.6	13.8	13.9	14.2	14.5	14.9	14.8	14.6	14.7	14.6
28	16.0	16.4	16.3	17.0	16.9	16.6	17.2	17.2	17.5	18.3	17.5	17.9	18.0	18.2
29	19.1	19.6	19.4	19.8	19.3	19.4	20.2	20.0	17.2	17.2	17.2	17.0	17.2	17.2
30	15.8	16.1	16.2	16.1	16.4	16.0	15.9	15.9	16.1	16.0	15.9	16.4	17.0	17.2
31	18.0	18.0	18.1	18.1	18.6	17.9	18.0	18.3	18.4	18.0	18.1	18.1	18.8	18.8

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	12.7	12.4	13.0	13.6	13.2	14.1	14.0	14.1	14.1	14.8	13.1	14.8	12.1
2	15.8	15.8	15.4	15.5	15.5	15.6	15.8	15.5	15.4	15.2	15.3	16.2	14.5
3	15.0	15.0	14.7	14.9	15.1	14.9	15.1	14.4	14.2	14.3	15.0	15.6	14.2
4	15.9	16.3	16.5	16.4	16.3	16.6	16.2	15.8	16.1	16.3	15.5	16.6	14.3
5	15.4	15.2	15.2	15.2	15.6	15.6	15.8	16.0	16.2	16.0	15.6	16.2	14.4
6	14.1	13.7	12.8	12.7	12.5	12.3	12.0	11.9	11.7	11.6	14.3	16.0	11.6
7	10.8	10.7	10.7	10.6	10.6	10.6	10.5	10.6	10.7	10.6	10.7	11.2	10.4
8	10.6	10.4	10.3	10.4	10.4	10.5	10.5	10.8	11.0	10.9	10.5	11.0	10.0
9	11.6	11.9	12.3	12.2	12.5	12.5	12.5	12.7	12.5	12.7	11.8	12.7	10.7
10	15.8	15.7	15.9	15.6	15.9	15.9	15.8	15.3	15.0	15.1	14.7	15.9	12.9
11	12.3	12.3	12.1	11.8	11.6	11.0	11.0	10.8	10.6	10.1	12.5	15.4	10.1
12	7.2	7.4	7.1	7.2	6.9	6.8	6.2	6.5	7.2	6.5	7.8	10.0	6.2
13	5.3	5.4	5.6	6.3	5.4	5.6	6.6	5.7	6.2	6.7	6.3	6.9	5.3
14	10.3	10.5	9.8	9.7	11.4	11.8	11.7	11.7	11.2	12.1	9.2	12.1	6.4
15	11.6	11.2	11.9	12.1	12.7	9.6	10.5	9.7	9.1	10.0	11.5	12.7	9.1
16	12.6	10.8	12.2	12.9	13.8	13.8	13.7	13.6	13.8	13.2	11.9	13.8	9.3
17	11.5	11.7	12.8	13.5	13.7	13.7	13.5	13.5	13.7	13.8	13.1	13.8	11.5
18	12.6	12.7	12.6	13.5	14.2	14.3	14.5	13.9	14.0	14.1	13.6	14.5	12.6
19	15.1	15.3	15.9	16.1	16.4	16.7	16.9	17.1	16.9	17.1	15.3	17.1	13.9
20	19.6	19.6	20.3	20.3	20.2	20.2	20.0	19.7	20.1	20.2	18.7	20.3	17.1
21	20.4	20.5	20.5	20.4	20.4	20.4	20.4	20.4	20.3	20.0	20.3	20.7	19.8
22	15.9	16.0	16.0	16.6	16.0	15.4	15.1	14.5	14.5	14.2	16.7	20.1	14.2
23	12.0	12.1	11.9	11.5	11.3	11.0	10.8	10.9	10.9	11.1	12.2	14.1	10.8
24	12.3	12.4	12.6	12.7	12.6	12.5	12.6	12.8	12.9	12.8	11.9	12.9	11.0
25	15.1	15.3	14.9	14.9	14.6	14.4	14.2	14.2	13.2	12.5	14.1	15.3	12.5
26	12.1	12.4	12.8	12.9	13.1	13.4	13.6	13.5	13.4	13.2	12.2	13.6	11.2
27	14.7	14.9	14.9	15.3	15.7	15.5	15.5	15.6	15.0	15.8	14.6	15.8	13.4
28	17.9	18.3	18.2	18.2	17.9	17.8	18.1	18.3	18.6	19.2	17.6	19.2	16.0
29	16.5	16.3	16.4	16.2	16.2	16.3	16.0	16.2	16.2	16.1	17.6	20.2	16.0
30	17.6	17.6	17.4	17.2	17.2	17.2	17.5	17.5	17.6	17.6	16.7	17.6	15.8
31	19.1	19.4	19.7	19.7	19.8	19.8	19.8	19.9	19.8	20.1	18.8	20.1	17.9
平均 MÉD											13.8	15.2	12.4
全月 MÉS												20.7	5.3

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	VST	0.4	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	VST	VST	0.0	0.0	0.0	0.0	0.0	0.0
3	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
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	0.2	0.2	0.0
6	1.0	0.4	VST	VST	0.0	0.0	VST	0.0	0.2	VST	VST	VST	VST	VST
7	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	VST
8	0.0	VST	VST	VST	0.2	0.2	VST	VST	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	VST	VST
11	0.0	0.0	0.0	0.2	0.2	0.8	0.4	1.2	2.0	VST	1.2	0.4	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	VST	VST	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	VST	VST	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.2	VST	0.0	0.0	0.0	0.0	0.0	VST	VST	VST	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	0.2	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	VST	VST	0.0	0.0	0.0	0.0	0.0	VST	VST	VST	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	0.4	0.6	4.8	4.6	VST	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

雨量 (毫米)

PRECIPITAÇÃO (mm)

RAINFALL (mm)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	總數 TOTAL	時最高 MÁX 1h
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
2	0.0	VST	VST	VST	0.4	0.4	0.2	VST	6.0	0.2	7.2	6.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	VST	VST	VST	VST	VST	VST	0.0	0.2	1.8	2.4	1.8
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.0
7	0.6	0.8	0.4	VST	VST	VST	VST	0.0	0.0	0.2	2.0	0.8
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	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
10	0.0	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	VST	VST
11	VST	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	2.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
22	0.0	0.0	0.0	0.0	0.0	VST	VST	VST	0.4	0.4	0.8	0.4
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	0.0	0.0	0.2	0.2
24	0.0	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	VST	VST
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	VST
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
29	0.0	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	10.4	4.8
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
全月 MÊS											33.8	6.0

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	E 20	E 16	NNE 12	E 9	E 10	E 14	NE 14	NE 15	NE 15	NE 15	NE 8	E 7	NE 9
2	NE 8	E 4	NNW 3	NNE 3	N 6	NNE 5	NNE 3	NNE 5	NE 4	NNE 3	NNE 3	NNW 4	NNE 7
3	NE 17	N 13	NNE 17	NNE 17	NNE 22	NNE 19	N 14	NNE 14	N 12	NNE 9	NNE 10	NNE 9	NNE 6
4	ESE 8	E 7	ESE 9	NNW 6	N 3	NNE 4	NNE 6	E 5	SE 4	SE 5	SE 7	ESE 7	E 8
5	SE 8	ESE 9	ESE 9	SE 10	ESE 11	E 14	E 14	E 14	ESE 18	E 20	E 19	E 19	E 17
6	NE 11	NE 12	NE 12	NE 16	NE 18	NE 18	NE 19	NE 18	NE 14	NE 14	NE 13	NNE 12	NNE 14
7	NNE 24	NNE 28	NNE 26	NNE 26	NNE 26	NNE 30	NNE 27	NNE 30	NNE 24	NNE 25	NNE 23	NNE 21	NNE 23
8	N 21	N 16	N 15	N 18	N 19	N 17	N 15	NNW 14	N 17	N 20	N 21	N 19	NNE 22
9	N 12	NNE 16	NNE 19	NNE 18	NNE 16	NNE 20	NNE 20	NNE 18	NNE 16	NNE 14	NNE 12	NNE 13	NNE 12
10	NE 10	NNE 12	NE 12	NNE 11	NE 11	NE 11	NNE 8	NE 12	NE 10	NNE 9	E 6	E 8	ESE 10
11	NNE 8	NNE 7	NW 12	NW 18	NW 19	NNW 15	N 14	NNW 16	NNW 20	NNW 18	NW 19	N 15	N 18
12	N 26	N 25	N 25	N 22	N 25	N 25	N 26	N 26	N 29	NNE 34	NNE 30	NNE 33	NNE 32
13	NNE 28	NNE 28	NNE 27	NNE 24	NNE 23	NNE 23	NNE 27	NNE 26	NNE 24	NNE 27	NNE 23	NNE 21	NNE 19
14	N 13	N 13	N 12	NNE 17	NNE 18	NNE 16	NNE 17	NNE 15	NNE 15	NNE 12	NE 12	NE 11	E 13
15	E 12	E 10	E 6	NE 10	NNE 12	NNE 14	NNE 16	NNE 16	NNE 10	NNE 10	NE 6	NNE 5	E 8
16	N 10	NNE 9	NNE 7	NNW 7	NW 6	NE 5	N 9	N 9	NNE 10	NE 8	NNE 13	NNE 16	NNE 14
17	E 11	NNW 10	NE 9	NNE 12	NNE 15	NNE 13	NNE 12	NNE 12	NNE 11	NNE 14	NNE 15	NNE 13	NE 11
18	N 7	E 8	E 10	NE 9	NE 11	E 10	E 9	E 8	E 9	NE 6	NNE 8	NNE 10	NE 7
19	ESE 8	ESE 9	E 11	E 14	E 12	E 10	E 14	NE 12	NE 10	NE 11	NE 12	NNE 12	NE 14
20	NNE 10	NNE 10	NNE 11	NNE 12	NNE 11	N 8	N 8	NNE 6	NNE 9	NE 9	NE 5	NE 5	NE 6
21	SSE 10	SE 9	ESE 10	ESE 9	ESE 9	ESE 9	SE 11	SE 9	ESE 12	ESE 11	E 10	E 8	ESE 7
22	SSE 7	ESE 10	E 14	ESE 15	E 18	E 14	E 16	E 15	ESE 16	E 16	E 18	E 15	E 12
23	NNE 17	NNE 20	NNE 21	NNE 23	NNE 25	NNE 24	NNE 24	NNE 24	NNE 22	NNE 20	NNE 18	NNE 17	NNE 14
24	N 18	N 16	NNE 21	NNE 18	NNE 22	NNE 23	NNE 23	NNE 21	NNE 22	NNE 21	NNE 16	N 11	NNE 11
25	NNW 7	NNW 11	NNW 10	NNW 10	NNW 9	NNW 12	NNE 15	NNW 13	N 10	N 8	NNW 9	NNW 10	NNE 14
26	N 20	N 17	N 19	NNE 21	NNE 23	NNE 21	N 19	NNE 21	NNE 22	NNE 21	NNE 21	NNE 20	NNE 18
27	ESE 8	ESE 7	ESE 8	E 11	ESE 8	E 11	E 8	ESE 9	E 10	NE 7	NE 4	NNE 7	NE 8
28	ESE 6	ESE 6	SSE 7	ESE 7	SE 6	N 6	N 2	NE 3	NNE 2	NNE 4	NNE 7	N 5	N 4
29	C 1	C 0	C 1	NNE 2	NE 2	NE 4	NE 10	E 9	ESE 10	E 14	E 10	E 11	ESE 11
30	E 14	E 11	E 8	E 6	ESE 7	ESE 7	SE 9	SE 11	SE 12	SE 15	SE 12	ESE 12	ESE 11
31	S 10	S 10	SSE 7	ESE 7	SE 7	ESE 3	C 1	S 6	SSE 8	SSE 10	SE 8	SE 10	ESE 7

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	NNE 12	NE 9	E 6	ENE 3	N 4	NE 9	NNE 9	ESE 10	E 10	E 11	SE 9	11
2	NE 9	NNE 9	N 8	N 12	N 13	N 20	NNE 26	NNE 25	NNE 23	NNE 19	NE 18	10
3	NE 4	NE 3	E 4	E 3	ESE 5	SE 5	ESE 5	SE 6	ESE 7	SE 7	SSE 7	10
4	ESE 8	E 11	ESE 8	ESE 7	SE 7	SE 8	SE 9	ESE 10	ESE 11	SE 8	SE 9	7
5	E 16	E 17	E 17	E 18	ESE 16	E 18	E 19	E 17	E 15	E 13	NE 14	15
6	NNE 15	NNE 18	N 17	NNE 21	NNE 23	NNE 27	N 23	NNE 24	N 23	NNE 27	NNE 24	18
7	NNE 22	NNE 21	NNE 22	N 18	N 18	N 17	N 18	NNE 21	N 22	N 20	N 22	23
8	NNE 24	NNE 23	NNE 22	NNE 17	N 16	N 14	N 14	N 15	NNE 18	NNE 19	N 13	18
9	NNE 11	NNE 11	NE 7	NE 8	E 3	ESE 2	ESE 7	E 10	E 9	E 6	NNE 10	12
10	E 11	ESE 11	E 11	ESE 10	E 11	E 9	E 12	NNE 7	NE 12	NNE 10	NNE 9	10
11	N 16	NNW 16	N 17	N 18	N 19	N 22	N 20	N 20	N 22	N 24	N 23	17
12	NNE 31	NNE 30	NNE 29	NNE 29	NNE 30	NNE 24	NNE 29	NNE 34	NNE 34	NNE 25	NNE 29	28
13	NNE 19	NNE 18	NNE 15	NNE 12	NE 12	NNE 13	NNE 13	NNE 17	N 13	NNE 14	N 12	20
14	E 11	E 10	E 6	E 5	ENE 6	E 8	ESE 8	E 9	E 8	ESE 9	ESE 11	11
15	E 10	E 9	E 6	SE 2	SE 6	SE 7	SE 6	E 8	E 6	NNE 5	NNW 6	8
16	NE 12	NE 9	SE 11	SE 10	SSE 10	SE 9	ESE 9	ESE 11	E 11	E 11	E 11	10
17	NE 8	NE 5	SE 6	SE 8	SE 9	SE 9	SE 8	ESE 9	ESE 12	E 13	E 10	11
18	ENE 6	ESE 7	ESE 7	SSE 7	SSE 9	SE 9	SE 9	SE 10	ESE 12	E 10	E 10	9
19	NE 12	NNE 8	SE 4	NE 4	SE 6	ESE 9	ESE 10	E 12	E 10	ENE 3	NNE 8	10
20	E 7	ESE 9	E 9	ESE 8	ESE 9	E 11	ESE 10	ESE 8	SE 9	SSE 9	SE 10	9
21	ESE 6	ESE 8	SE 6	ESE 8	ESE 8	SE 8	E 11	ESE 10	ESE 9	SE 6	SSE 6	9
22	E 10	E 10	E 8	NE 5	NE 12	NE 12	NE 14	NNE 15	NNE 18	NNE 17	NNE 18	14
23	NNE 14	NNE 16	N 13	NNE 13	NNE 15	NNE 18	NNE 19	N 17	N 16	NNE 20	N 17	19
24	NNE 12	NNE 10	NNE 11	NNE 12	NNE 12	N 10	NNW 10	N 8	N 8	N 7	NNW 7	14
25	NNE 20	NNE 20	N 17	N 15	N 14	N 18	N 19	N 21	N 27	N 21	N 21	15
26	NNE 17	NE 13	NE 11	NE 8	NE 8	NNE 8	ESE 6	NE 8	NNE 4	ESE 4	E 9	15
27	NNE 9	NNE 8	ENE 5	SE 6	SE 6	SE 5	N 5	ENE 5	E 5	C 1	ESE 5	7
28	NNW 3	NNE 5	NNE 4	C 1	C 1	SE 5	SE 5	SE 2	SE 2	ESE 3	SE 2	4
29	E 12	ESE 12	ESE 15	ESE 12	ESE 12	ESE 10	SE 12	ESE 16	SE 14	SE 14	E 13	9
30	ESE 10	SE 9	SSE 8	SSE 11	SSE 11	SSE 11	SSE 8	SE 6	SSE 8	S 7	S 8	10
31	ESE 7	SE 5	SSE 7	SE 5	S 9	S 12	S 14	S 13	S 10	S 5	S 3	8
平均 MÉD												12.6

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	20	E		42	E		
2	26	NNE		42	NNE			12
3	22	NNE		36	NNE			9
4	11	E	ESE	27	SE	ESE		8
5	20	E		43	E			16
6	27	NNE		47	NE			11
7	30	NNE		50	NNE			17
8	24	NNE		44	N			16
9	20	NNE		34	NNE			15
10	12	E	NE NNE	26	E	NE NNE		7
11	24	N		49	N			13
12	34	NNE		62	NNE			15
13	28	NNE		49	NNE			21
14	18	NNE		33	E			8
15	16	NNE		27	E			9
16	16	NNE		27	NNE			6
17	15	NNE		27	NNE			9
18	12	ESE		26	E			8
19	14	E	NE	30	E	NE		7
20	12	NNE		26	NNE			7
21	12	ESE		26	ESE			13
22	18	E	NNE	39	E			12
23	25	NNE		43	NNE			20
24	23	NNE		42	NNE			15
25	27	N		49	N			11
26	23	NNE		41	NNE			12
27	11	E		24	ESE			6
28	7	NNE	SSE ESE	16	SE			6
29	16	ESE		38	ESE			8
30	15	SE		32	SE			7
31	14	S		27	S			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	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	9	9	8	10	10	10
4	10	10	2	2	7	7	7	7	7	7	8	9	7
5	9	9	9	9	9	9	9	9	9	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	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	9	8
10	9	9	9	9	9	9	9	10	9	9	9	10	10
11	9	9	10	10	10	10	10	10	10	10	10	10	10
12	10	9	9	9	3	1	2	3	3	0	0	0	0
13	7	6	6	6	6	6	6	6	4	6	3	3	1
14	7	7	7	8	8	8	7	6	2	0	0	0	0
15	2	2	2	3	3	3	2	3	1	1	1	4	8
16	7	7	8	8	8	6	6	8	8	4	1	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	4	4	3	4	6	2	1
19	7	6	6	6	6	7	9	8	8	6	6	6	8
20	9	9	9	9	9	9	9	9	10	10	9	9	9
21	8	8	8	8	7	6	8	9	10	10	10	10	9
22	8	9	9	9	9	9	9	9	9	9	9	9	9
23	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	9	10	10	10	10	10
26	9	9	9	9	9	9	9	10	10	10	10	9	9
27	10	10	10	10	10	10	10	10	10	10	10	10	9
28	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10
30	9	9	9	9	9	9	9	9	8	8	9	10	10
31	9	9	9	8	8	8	4	1	1	1	1	3	2

雲量 (0 - 10)

NEBULOSIDADE (0 - 10)

CLOUDINESS (0 - 10)

	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD
1	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10
4	7	9	9	9	9	9	9	9	8	9	9	8
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	7	2	4	3	7	9	9	9	9	9	9	8
10	9	9	9	9	9	9	9	9	9	9	9	9
11	10	10	10	10	10	10	10	10	10	10	10	10
12	3	0	0	0	0	0	0	0	4	4	7	3
13	0	2	2	7	7	8	8	7	3	7	7	5
14	7	4	7	9	9	9	9	2	2	4	2	5
15	6	6	6	7	7	2	2	0	0	4	7	3
16	2	2	0	2	0	0	0	0	0	0	0	3
17	0	0	0	0	0	0	0	0	0	0	0	0
18	4	4	4	3	2	2	8	8	7	7	7	3
19	9	9	10	7	9	9	9	9	9	9	9	8
20	9	9	9	9	8	8	8	8	8	8	8	9
21	9	9	9	9	9	9	9	9	9	9	9	9
22	9	10	10	10	10	10	10	10	10	10	10	9
23	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	10
25	10	9	9	9	9	9	9	9	9	9	9	10
26	9	9	9	9	9	9	9	9	10	10	10	9
27	10	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	9	9	9	9	10	10
29	10	10	10	8	8	8	9	9	9	9	9	10
30	9	9	9	9	9	9	9	9	9	9	9	9
31	3	3	2	2	2	7	3	4	4	7	8	4
平均 MÉD												7.9

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	1	1	1	1	1	0	0	0	0	0
200 - 300m	0	0	0	0	0	0	0	0	2	2	1	1	1
300 - 600m	9	9	8	8	9	9	10	13	12	11	10	9	8
600 - 1000m	19	19	21	20	19	19	19	15	13	13	14	15	16
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	3	3	2	2	2	2	1	2	4	5	6	6	6

	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	5
200 - 300m	1	1	2	2	0	0	0	0	0	0	0	13
300 - 600m	10	10	9	10	11	8	10	10	10	10	9	232
600 - 1000m	14	16	15	15	15	19	17	16	15	18	19	401
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	6	4	5	4	5	4	4	5	6	3	3	93

能見度 (公里)

VISIBILIDADE (km)

VISIBILITY (km)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	6	10	10	10	10	10	10	8	6	6	6	6	6	5
2	8	8	8	8	6	6	5	4	4	4	4	4	4	3
3	8	10	10	10	8	8	5	6	6	8	6	8	8	8
4	12	12	15	15	12	10	10	10	10	10	8	8	7	8
5	8	8	8	8	8	8	8	8	8	8	8	5	5	5
6	3	3	3	3	4	5	5	4	4	4	4	3	3	3
7	10	10	10	10	10	10	10	10	8	6	6	6	6	6
8	8	8	8	8	8	8	6	6	8	8	6	6	8	8
9	8	8	8	8	6	5	5	5	4	5	5	5	6	6
10	8	8	8	8	8	8	6	3	3	5	5	5	5	6
11	5	3	4	4	8	6	6	6	5	8	4	10	10	12
12	12	12	12	12	12	12	12	12	12	12	12	12	10	10
13	6	6	6	6	8	8	6	6	6	8	8	8	8	6
14	10	10	10	10	10	10	10	6	8	8	8	8	10	12
15	10	10	10	10	10	10	6	5	6	6	6	8	8	12
16	15	15	12	12	12	10	5	4	3	3	3	4	4	4
17	12	10	10	8	6	6	5	5	4	4	4	5	5	5
18	8	8	8	10	10	10	5	6	6	8	8	8	8	8
19	10	10	10	10	10	10	10	10	8	10	10	8	6	6
20	10	10	10	8	10	10	6	6	5	4	8	8	10	10
21	10	10	10	10	10	10	12	12	15	15	15	15	15	12
22	8	6	6	5	5	5	5	5	5	5	6	8	8	10
23	6	10	10	10	10	10	5	5	5	6	6	6	6	6
24	6	8	8	8	8	8	4	5	5	5	6	5	5	3
25	5	5	3	2	2	2	3	3	3	3	3	3	4	4
26	10	10	10	10	10	10	10	6	8	8	6	6	6	6
27	8	8	8	8	8	8	6	5	5	5	5	5	5	4
28	6	5	5	5	4	4	4	4	4	3	3	2	2	2
29	2	2	2	0.5	0.2	0.1	0.1	0.3	4	2	2	3	5	6
30	8	8	8	8	8	8	4	4	4	4	4	4	4	5
31	5	5	5	5	5	5	4	5	5	5	6	8	8	6

能見度 (公里)

VISIBILIDADE (km)

VISIBILITY (km)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	最高 MÁX	最低 MÍN
1	5	5	5	6	6	8	8	8	8	8	10	5
2	2	2	3	5	5	5	5	8	5	8	8	2
3	8	8	8	8	10	12	10	12	12	12	12	5
4	8	6	6	5	5	8	8	8	8	8	15	5
5	4	3	3	5	5	4	5	5	4	4	8	3
6	3	5	5	5	6	8	8	8	8	10	10	3
7	4	4	5	5	6	8	8	10	10	10	10	4
8	6	6	6	6	6	10	10	10	8	8	10	6
9	5	5	5	5	8	10	10	10	10	10	10	4
10	6	6	6	6	8	8	10	8	6	5	10	3
11	8	5	5	5	10	12	12	12	12	12	12	3
12	10	10	10	8	12	12	12	8	8	6	12	6
13	8	6	6	6	8	12	12	12	12	12	12	6
14	10	12	12	12	10	10	10	10	10	10	12	6
15	15	15	15	12	12	12	12	12	12	15	15	5
16	4	6	8	6	10	15	15	15	12	12	15	3
17	5	5	6	5	6	8	8	8	8	8	12	4
18	8	8	8	8	8	10	10	10	10	10	10	5
19	6	6	6	10	10	10	10	10	10	10	10	6
20	10	10	8	8	8	10	10	10	10	10	10	4
21	10	10	10	10	12	12	12	12	12	12	15	10
22	10	10	10	6	6	6	6	6	6	6	10	5
23	5	5	3	3	5	6	6	6	8	8	10	3
24	3	3	2	2	4	5	5	5	5	5	8	2
25	4	4	4	4	8	10	10	10	10	10	10	2
26	5	5	5	5	6	6	6	8	8	8	10	5
27	3	3	4	4	6	6	6	8	8	6	8	3
28	2	3	3	3	3	2	3	3	3	2	6	2
29	6	6	5	5	6	6	8	8	8	8	8	0.1
30	5	5	4	4	5	5	6	6	6	6	8	4
31	6	8	8	8	8	8	8	6	6	4	8	4
全月 MÊS											15	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	1	5	15	45	64	98	121	85	103	36	8	1	0	582	121
2	0	1	10	50	64	71	56	71	40	15	6	2	0	0	386	71
3	0	1	21	51	142	125	67	75	80	86	51	18	2	0	719	142
4	0	1	33	79	79	135	182	228	216	109	35	11	3	0	1111	228
5	0	0	11	20	13	18	43	39	38	23	7	4	0	0	216	43
6	0	0	8	10	16	19	18	16	15	11	9	4	0	0	126	19
7	0	0	11	15	28	39	44	41	25	19	14	8	1	1	246	44
8	0	0	4	28	73	18	154	129	119	84	46	18	1	0	674	154
9	0	0	4	14	58	89	197	229	216	174	111	36	2	0	1130	229
10	0	1	15	37	110	173	120	63	117	62	31	12	1	0	742	173
11	0	0	3	12	19	26	65	58	55	19	16	7	1	0	281	65
12	0	2	25	104	176	224	250	249	225	172	107	38	3	0	1575	250
13	0	2	38	102	168	241	253	251	223	172	104	30	2	0	1586	253
14	0	2	45	108	173	222	254	251	210	161	61	21	2	0	1510	254
15	0	2	38	101	170	217	240	237	213	186	96	19	3	0	1522	240
16	0	2	33	57	159	211	242	242	201	153	101	36	3	0	1440	242
17	0	2	34	92	152	209	240	240	217	173	109	39	3	0	1510	240
18	0	1	38	108	164	231	252	258	236	186	127	47	4	0	1652	258
19	0	2	21	69	150	192	199	211	147	99	60	36	2	0	1188	211
20	0	1	20	35	69	153	176	144	163	102	46	46	5	0	960	176
21	0	3	15	14	31	53	58	95	102	108	44	12	3	0	538	108
22	0	0	10	11	15	35	40	130	130	60	29	7	1	0	468	130
23	0	0	5	14	27	25	22	26	21	16	12	4	1	0	173	27
24	0	1	8	21	26	32	37	38	39	30	22	10	2	0	266	39
25	0	2	23	41	91	107	87	86	96	81	43	26	4	0	687	107
26	0	1	15	26	36	59	158	131	66	46	23	17	3	0	581	158
27	0	0	4	19	40	60	72	102	72	67	37	15	2	0	490	102
28	0	1	6	17	47	56	77	74	61	41	40	21	2	0	443	77
29	0	1	3	1	10	7	21	34	40	40	58	40	4	0	259	58
30	0	2	28	101	142	132	126	133	134	121	85	40	2	0	1046	142
31	0	5	54	126	195	246	270	266	228	150	96	45	3	0	1684	270
全月															25791	270
MÊS																
平均															832	
MÉD																

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	0	4	13	42	59	91	112	79	91	33	7	0	0	531	112
2	0	0	9	46	58	66	52	66	37	13	4	1	0	0	352	66
3	0	0	18	47	106	105	62	70	74	79	47	16	1	0	625	106
4	0	1	23	48	57	104	129	96	78	65	31	9	2	0	643	129
5	0	0	10	18	11	16	39	36	35	21	6	2	0	0	194	39
6	0	0	6	8	14	17	16	14	13	10	8	3	0	0	109	17
7	0	0	9	13	25	36	41	38	23	18	12	6	0	0	221	41
8	0	0	4	26	68	15	138	120	110	78	42	16	1	0	618	138
9	0	0	3	12	54	82	140	132	72	49	37	18	1	0	600	140
10	0	0	13	33	93	128	108	58	107	58	28	10	0	0	636	128
11	0	0	2	10	17	24	60	53	51	17	14	6	0	0	254	60
12	0	2	21	43	54	61	66	70	72	61	46	24	2	0	522	72
13	0	2	24	49	95	81	62	61	58	53	40	19	2	0	546	95
14	0	2	26	40	52	58	57	74	125	71	50	19	2	0	576	125
15	0	1	23	46	57	64	70	99	78	54	32	10	2	0	536	99
16	0	1	26	46	70	61	58	63	70	62	45	22	2	0	526	70
17	0	1	24	54	80	76	74	72	68	57	44	24	2	0	576	80
18	0	1	24	49	84	70	58	53	50	43	32	19	2	0	485	84
19	0	1	18	58	72	113	141	146	121	91	55	26	2	0	844	146
20	0	0	18	31	62	129	139	121	134	90	42	35	4	0	805	139
21	0	2	13	12	28	49	54	88	93	94	40	10	2	0	485	94
22	0	0	8	9	13	32	36	113	116	55	26	5	0	0	413	116
23	0	0	4	12	24	22	19	24	18	14	10	3	0	0	150	24
24	0	0	6	19	24	30	34	35	36	27	19	9	1	0	240	36
25	0	1	20	37	83	98	81	80	86	75	40	23	3	0	627	98
26	0	0	13	24	32	54	139	118	61	42	21	15	2	0	521	139
27	0	0	3	16	36	55	66	94	66	62	34	13	1	0	446	94
28	0	0	5	15	43	52	72	69	57	38	37	19	1	0	408	72
29	0	0	1	1	9	6	19	30	36	37	53	34	3	0	229	53
30	0	2	25	79	103	120	117	122	118	109	76	32	1	0	904	122
31	0	4	31	62	73	63	65	70	73	77	53	26	2	0	599	77
全月															15221	146
MÊS																
平均															491	
MÉD																

直接太陽輻射 (Wm^{-2})

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

DIRECT SOLAR RADIATION (Wm^{-2})

	9h			12h			15h		
	濾黃光	濾紅光	無濾鏡	濾黃光	濾紅光	無濾鏡	濾黃光	濾紅光	無濾鏡
	Filtro RG2	Filtro OG1	Sem filtro	Filtro RG2	Filtro OG1	Sem filtro	Filtro RG2	Filtro OG1	Sem filtro
1	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---
12	---	---	---	472	407	682	362	322	493
13	---	---	---	---	---	---	365	327	505
14	372	330	523	505	433	754	---	---	---
15	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---
18	---	---	---	474	404	702	---	---	---
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	13.1	17.0	17.1	19.1	21.5	---	0.8	0.0
2	10.8	17.4	17.8	19.2	21.4	---	VST	0.0
3	10.4	18.0	18.2	19.4	21.2	---	7.2	0.5
4	8.3	17.9	18.0	19.6	21.3	---	0.0	4.1
5	10.9	19.0	19.0	20.0	21.2	---	0.0	0.0
6	11.0	18.4	18.5	19.7	21.2	---	4.0	0.0
7	6.7	16.5	17.0	20.8	21.1	---	VST	0.0
8	6.8	15.2	15.9	18.5	21.2	---	2.4	0.0
9	8.9	15.8	16.3	18.3	20.9	---	0.0	4.6
10	11.6	17.4	17.3	18.6	20.7	---	VST	0.3
11	10.5	17.7	18.0	19.0	20.7	---	4.8	0.0
12	5.0	15.0	15.9	18.5	20.6	---	3.4	8.4
13	11.8	14.5	15.4	18.2	20.5	---	0.0	8.5
14	9.0	15.5	15.8	17.9	20.4	---	0.0	7.9
15	10.5	16.0	16.5	18.4	20.2	---	0.0	8.5
16	11.1	17.0	17.1	18.6	20.2	---	0.0	7.8
17	11.7	17.2	17.3	13.8	20.2	---	0.0	8.2
18	7.7	17.6	17.8	19.1	20.2	---	0.0	8.7
19	9.1	18.0	18.3	19.3	20.2	---	0.0	2.8
20	13.8	20.0	19.5	19.8	20.3	---	VST	0.9
21	14.2	20.4	20.6	20.4	20.4	---	VST	0.1
22	13.0	20.4	20.5	20.7	20.5	---	VST	0.2
23	8.2	18.7	19.2	20.4	20.7	---	1.0	0.0
24	7.0	18.0	17.5	19.5	20.6	---	VST	0.0
25	8.9	17.1	17.4	19.1	20.7	---	0.2	0.0
26	8.9	17.5	17.8	19.2	20.6	---	VST	0.0
27	10.7	17.8	17.9	19.2	20.5	---	VST	0.0
28	12.4	18.1	18.6	19.3	20.4	---	VST	0.0
29	13.0	19.3	19.5	19.9	20.6	---	0.4	0.1
30	12.0	18.7	18.8	19.7	20.5	---	10.0	1.0
31	11.1	19.5	19.5	20.0	20.5	---	0.0	9.0
平均	10.3	17.6	17.9	19.1	20.7	---		2.6
MÉD								
全月	5.0						34.2	81.6
MÊS								

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	1.6	15.0	13.1	89	1	CH m.a; BS p
2	1.2	2.2	19.4	13.1	33	0	CH NB BS a.p; CH NB n
3	0.5	0.2	19.6	14.8	61	1	CH m; NB a
4	1.0	1.4	21.3	14.9	31	0	NB p.n
5	1.5	3.4	25.9	16.2	102	0	CH a.p; NB a.p.n; CH n
6	1.0	1.6	18.3	15.1	134	1	CH NB m.a.p
7	0.6	1.1	16.9	10.1	115	0	CH m.a.p; NB p; CH n
8	0.5	0.2	12.6	9.2	101	1	CH m.a
9	1.0	2.0	16.5	9.3	89	0	NB m.a; BS a.p
10	1.5	2.1	22.1	10.8	47	0	NB a; CH BS a.p; CH NB n
11	1.0	1.6	21.4	13.9	75	2	NB CH m.a.p
12	1.1	2.3	15.6	7.8	125	0	
13	3.7	3.8	19.0	6.9	153	0	
14	3.8	4.0	20.0	7.1	78	0	
15	2.2	3.6	22.5	10.1	74	0	OR NB a
16	2.4	2.8	24.6	11.8	34	0	BS a.p
17	2.1	3.2	25.1	12.5	72	0	NB a; BS a.p
18	1.6	1.7	25.2	13.3	65	0	NB a
19	1.7	3.2	27.0	14.7	88	0	
20	1.5	2.8	25.1	15.2	35	0	CH BS a
21	1.2	1.7	26.8	18.5	85	0	OR CH a
22	0.8	1.6	24.7	17.1	112	0	NB m.a; CV CH n
23	0.7	1.5	21.4	13.2	101	1	CH m; CV a.n; NB a.p.n
24	0.6	1.2	14.0	11.0	90	0	NB a.p.n; CH n
25	0.5	1.2	14.1	10.9	42	0	CH m; NB m.a; BS a.p
26	1.6	2.7	21.2	13.0	90	0	CH m.a; BS p
27	1.3	1.8	17.9	12.8	64	0	NB BS a.p; CH n
28	0.6	0.8	19.4	14.3	32	1	CH m; NB m.a; CV a; BS p; NB p.n
29	0.4	0.8	21.6	17.0	9	1	NB NV m.a; CH a.p; NB p; CH n
30	0.9	0.4	19.4	16.3	126	0	NB BS a.p; NB n
31	1.4	1.7	24.1	15.9	87	0	NB m.a.n; BS a
平均 MÉD			20.6	12.9			
全月 MÊS	40.8	60.2	27.0	6.9	2439		

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

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	NNE 10	NE 7	NE 6	NE 6	NNE 4	NE 6	NE 7	ENE 7	ENE 7	ENE 11	ENE 8	10
2	NE 8	NNE 7	NNE 10	NNE 12	NNE 14	NNE 19	NNE 23	NNE 20	NNE 20	NNE 16	NE 14	9
3	NE 5	NE 5	NE 4	NE 3	NE 2	C 1	C 1	ENE 2	SE 3	ENE 5	ENE 4	8
4	ENE 8	ENE 9	ENE 4	SE 4	SE 4	SE 4	SE 6	ENE 5	ENE 6	SE 5	SE 6	5
5	ENE 17	ENE 17	ENE 18	ENE 19	ENE 12	ENE 12	ENE 14	ENE 14	ENE 13	NE 14	NE 10	12
6	NNE 10	NNE 15	NNE 18	NNE 20	NNE 22	NNE 24	NNE 22	NNE 24	NNE 22	NNE 23	NNE 24	15
7	NNE 20	NNE 21	NNE 22	NNE 21	NNE 21	NNE 21	NNE 21	NNE 22	NNE 23	NNE 23	NNE 23	22
8	NNE 20	NNE 20	NNE 21	NNE 19	NNE 16	NNE 17	NNE 16	NNE 13	NNE 17	NNE 17	N 13	18
9	NNE 10	NNE 10	NE 7	NE 6	NE 3	SW 2	ENE 6	NE 9	NE 8	NE 5	NNE 6	11
10	NE 10	ENE 8	ENE 9	ENE 6	NE 10	NE 7	NE 8	NE 8	NNE 7	NNE 9	NNE 7	8
11	N 17	N 17	NNE 18	NNE 22	NNE 23	NNE 25	NNE 23	NNE 24	NNE 25	NNE 26	NNE 25	16
12	NNE 29	NNE 28	NNE 26	NNE 27	NNE 24	NNE 25	NNE 25	NNE 25	NNE 27	NNE 26	NNE 23	28
13	NNE 16	NNE 15	NNE 13	NNE 10	NNE 9	NNE 9	NNE 9	NNE 13	NNE 10	NNE 10	NNE 11	16
14	ENE 14	ENE 10	ENE 8	NE 5	NE 6	ENE 8	ENE 6	ENE 8	SE 5	ENE 7	ENE 10	10
15	ENE 8	ESE 8	ENE 8	ENE 6	E 3	SE 4	SE 2	NE 4	NE 4	NE 2	NNW 3	7
16	NE 8	ESE 9	ESE 7	SE 9	SE 8	SE 9	SE 6	ESE 7	ENE 8	NE 8	ENE 11	7
17	NE 6	NE 5	NE 5	SSE 7	SE 7	SE 6	SE 5	ESE 5	ENE 7	ENE 11	NE 11	8
18	ENE 7	ENE 6	ENE 5	NE 5	SE 6	SE 8	SE 7	SE 6	ENE 6	ENE 4	NE 6	8
19	NE 8	NNE 6	NE 4	NE 3	S 5	ENE 3	NE 3	NE 5	NE 3	NE 4	NNE 7	7
20	NNE 6	NE 5	NE 4	NE 5	ENE 4	NE 4	NE 2	E 4	SE 5	SE 6	SE 7	6
21	NE 4	ENE 5	ESE 5	ENE 3	SE 3	SE 3	ENE 2	NE 5	ESE 4	SSW 3	SSW 6	4
22	ENE 12	ENE 11	ENE 10	ENE 8	NE 9	NNE 11	NNE 13	NNE 14	NNE 15	NNE 15	NNE 17	12
23	NNE 14	NNE 16	NNE 14	NNE 14	NNE 15	NNE 20	NNE 20	NNE 18	NNE 17	NNE 19	NNE 20	17
24	NNE 13	NNE 11	NNE 11	NNE 11	NNE 12	NNE 10	N 9	NNE 9	NNE 8	NNE 8	N 6	14
25	NNE 15	NNE 19	NNE 17	NNE 17	N 17	N 20	N 21	NNE 24	NNE 26	NNE 24	NNE 20	15
26	NNE 14	NNE 11	NE 8	NE 9	NE 8	NNE 5	NE 6	ENE 8	NE 5	NE 4	ENE 8	14
27	NE 7	NNE 7	NE 6	SE 4	ESE 6	ESE 4	NNE 5	NE 5	NE 5	NNE 5	NNE 3	7
28	NE 3	NE 4	NNE 3	NE 2	NE 2	SE 2	C 1	C 1	C 0	C 0	C 1	3
29	NE 11	NE 11	NE 11	NE 10	NE 8	NE 5	SE 7	SE 9	ESE 8	E 8	ESE 8	7
30	ENE 6	ESE 6	S 7	SSE 8	SE 10	SE 7	SE 4	SW 2	SSW 3	SSW 4	SE 4	7
31	S 7	S 8	S 9	S 9	S 11	S 15	SSW 11	SW 7	SSW 9	SW 6	SSW 6	6
平均 MÉD												10.9

風
VENTO
WIND

	最高風速 (km/h) 及其相對風向 Velocidade máxima e direção correspondente		最高陣風 (km/h) Rajada máxima	盛行風向 Direcção predominante	時數 horas
1	19	ENE	39	NE	14
2	23	NNE	36	NNE	18
3	17	NNE	32	NNE	12
4	9	ENE	21	ENE	8
5	20	ENE	43	ENE	15
6	24	NNE	45	NNE	17
7	26	NNE	43	NNE	24
8	23	NNE	39	NNE	21
9	18	NNE	32	NNE	16
10	10	NE NNE	26	NNE	13
11	26	NNE	46	NNE	13
12	34	NNE	57	NNE	23
13	23	NNE	41	NNE	24
14	15	NNE	31	ENE	9
15	13	NNE	29	NE	7
16	13	NNE	26	NNE	7
17	13	NNE	25	NNE	10
18	13	ENE	26	ENE	13
19	14	NE ENE	30	NE	13
20	12	NNE	20	NNE	13
21	7	SE ESE	20	SE	7
22	17	NNE ENE	37	ENE	13
23	22	NNE	36	NNE	24
24	22	NNE	38	NNE	22
25	26	NNE	45	NNE	15
26	22	NNE	36	NNE	16
27	12	ENE	24	ENE	8
28	6	NNE	12	NE NNE	7
29	13	ENE	31	NE	14
30	14	SE	37	SE	7
31	15	S	24	S	10

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	18.9	16.6	15.1	93	85	74	0.0	0.8
2	20.0	17.4	16.3	97	90	82	0.0	0.0
3	20.0	17.5	15.6	97	90	79	0.2	4.2
4	22.4	18.5	15.5	96	86	72	4.7	0.0
5	18.7	17.9	17.3	95	89	81	0.4	0.0
6	17.4	15.7	12.8	97	95	91	0.0	4.0
7	12.8	11.6	10.7	96	92	87	0.0	0.2
8	14.2	11.9	10.2	95	88	79	0.0	2.4
9	19.3	14.8	12.1	94	85	69	5.5	0.0
10	21.3	17.7	15.4	91	86	74	1.4	0.0
11	17.6	13.8	11.9	96	93	85	0.0	5.0
12	14.8	12.2	9.5	86	71	56	8.0	2.2
13	17.4	13.1	10.0	71	59	44	8.2	0.0
14	19.5	15.3	12.3	85	65	49	7.3	0.0
15	20.9	16.5	13.4	91	77	59	8.7	0.0
16	23.3	17.3	13.6	87	75	54	7.3	0.0
17	22.2	17.0	13.9	95	82	58	8.4	0.0
18	22.6	17.7	14.9	93	81	60	9.6	0.0
19	23.7	19.2	15.9	92	83	67	3.7	0.0
20	26.4	21.9	19.5	91	84	70	1.7	0.0
21	24.8	21.9	20.5	94	89	79	0.3	0.0
22	20.8	18.8	15.5	95	90	80	0.0	0.0
23	15.5	13.8	12.1	95	91	88	0.0	0.8
24	14.9	13.7	12.2	91	89	87	0.0	0.2
25	19.8	17.0	14.4	95	86	78	0.0	0.0
26	18.1	15.9	14.1	87	81	71	0.0	0.0
27	20.3	17.5	15.9	91	86	76	0.0	0.0
28	21.5	19.4	17.6	94	89	83	0.0	0.0
29	20.0	18.7	18.0	96	93	89	0.0	0.0
30	22.4	19.2	17.5	92	88	77	1.3	4.8
31	25.4	21.2	18.4	96	87	71	8.9	0.0
平均 MÉD	19.9	16.8	14.6	92	85	73	2.8	
全月 MÉS	26.4		9.5	97		44	85.6	24.6

土壤溫度及蒸發量

TEMPERATURAS DO SOLO E EVAPORAÇÃO

SOIL TEMPERATURE AND EVAPORATION

蒸發量 (mm) 及附隨觀測

Evaporação (mm) e Observações complementares

水溫 Temperatura da água (°C)

	土壤溫度 Temperaturas do solo (°C)				蒸發計 Piche	蒸發盤 Tina da classe A	最高 MÁX	最低 MÍN	風程 (km) Percurso do vento
	10cm	20cm	50cm	100cm					
1	17.0	17.1	18.8	21.1	0.7	1.6	16.0	14.4	54
2	17.5	17.6	19.0	21.2	0.9	1.4	19.6	14.5	23
3	17.9	17.9	19.3	21.1	0.4	1.2	22.2	16.6	42
4	17.5	18.0	19.6	21.0	0.9	1.3	22.0	15.9	25
5	19.0	19.0	20.0	21.0	1.1	1.8	24.6	17.0	80
6	18.0	18.5	19.6	21.0	0.8	1.3	18.5	16.0	101
7	15.6	17.0	19.1	21.0	0.4	1.9	17.1	11.9	85
8	15.0	15.9	18.4	21.0	0.5	0.9	14.5	10.0	70
9	15.4	15.9	18.2	20.7	0.3	1.1	16.3	11.0	58
10	16.5	17.0	18.4	20.6	2.0	3.0	20.9	12.2	32
11	17.0	17.5	19.0	20.5	1.0	1.3	22.3	14.9	60
12	14.5	15.6	18.5	20.6	0.7	1.4	15.9	8.0	98
13	14.0	15.1	18.1	20.5	2.9	3.4	18.5	9.0	120
14	15.0	15.5	18.0	20.3	2.3	3.0	20.1	11.0	57
15	15.5	16.2	18.4	20.6	1.2	2.8	22.4	12.8	50
16	16.5	16.8	18.2	20.0	1.9	3.8	23.5	14.1	22
17	16.4	17.0	18.5	20.0	1.5	2.0	23.9	10.3	48
18	17.0	17.3	19.0	20.0	1.6	2.3	24.7	11.2	40
19	18.0	18.0	19.1	20.0	1.2	2.3	25.9	15.1	67
20	20.0	19.5	19.6	20.0	1.3	2.3	25.5	16.5	28
21	20.5	19.0	20.4	20.1	1.1	1.9	27.5	20.0	68
22	20.0	20.1	20.5	20.3	0.9	1.9	25.5	19.5	98
23	17.4	18.9	20.5	20.4	1.0	2.2	21.5	14.2	90
24	18.0	18.4	19.5	20.6	0.2	1.4	15.5	12.0	72
25	17.0	17.1	19.0	20.5	0.9	1.5	15.6	12.0	27
26	17.0	17.5	19.0	20.3	1.4	2.7	20.5	13.9	69
27	17.5	17.5	19.0	20.3	0.8	1.8	18.6	14.0	17
28	18.5	18.3	19.6	20.3	0.8	1.6	20.9	15.5	4
29	19.0	19.0	19.5	20.1	0.6	1.0	22.1	18.0	9
30	18.3	18.5	18.7	20.3	0.5	1.2	20.2	16.8	53
31	19.3	19.5	20.1	20.4	1.2	2.1	24.6	17.3	86
平均 MÉD	17.3	17.6	19.1	20.5			20.9	14.0	
全月 MÊS					33.0	59.4	27.5	8.0	1753

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	17.2	16.1	14.8	18.2	16.2	14.5	17.7	16.7	15.4
2	18.5	16.5	15.4	19.0	16.7	15.7	18.4	17.0	16.0
3	17.8	16.6	15.4	18.4	16.7	15.1	18.3	17.2	15.9
4	20.3	17.7	15.8	21.3	18.0	15.0	20.3	18.3	16.6
5	18.5	17.5	16.3	18.9	17.8	16.6	19.2	18.2	17.0
6	16.7	14.9	11.9	16.7	14.9	12.0	17.1	15.3	12.2
7	12.0	10.9	9.9	12.1	10.9	9.9	12.3	11.2	10.4
8	13.5	11.0	9.0	13.5	11.1	9.2	13.2	11.5	9.7
9	16.9	13.7	10.8	19.0	14.2	11.2	16.8	14.2	11.4
10	18.9	17.1	15.4	20.8	17.6	15.4	19.3	17.5	15.7
11	17.9	12.8	11.2	18.0	13.0	11.5	18.5	13.6	12.0
12	14.2	11.5	8.7	15.1	11.7	8.7	13.8	12.0	9.3
13	15.3	12.4	9.4	17.5	12.7	8.8	15.6	12.9	10.0
14	16.5	14.3	12.4	18.7	14.8	12.2	17.1	15.0	13.0
15	19.1	15.7	12.9	20.7	15.8	12.1	18.5	16.2	13.6
16	21.2	16.8	14.1	23.0	17.2	13.8	20.7	17.6	15.4
17	18.6	16.1	14.0	20.5	16.4	13.4	18.7	16.7	14.8
18	19.0	16.6	15.0	20.9	16.9	14.1	18.9	17.1	15.4
19	20.3	18.1	15.7	22.5	18.6	15.5	20.5	18.5	16.3
20	23.5	21.3	19.7	25.0	21.6	19.5	23.6	21.7	19.8
21	22.7	21.4	20.1	24.2	21.6	20.1	23.4	21.8	20.6
22	21.4	18.1	14.8	21.4	18.6	14.7	20.8	18.5	14.7
23	14.8	12.8	10.7	14.8	12.8	10.8	14.8	13.1	11.3
24	13.9	12.7	11.2	14.1	12.9	11.3	15.0	13.3	11.7
25	19.0	15.8	12.6	19.4	16.1	13.1	19.0	16.6	13.6
26	16.3	14.9	13.3	17.5	15.4	13.4	16.8	15.5	13.7
27	17.7	16.5	15.3	18.6	17.0	15.7	18.3	17.2	16.0
28	20.7	18.8	17.1	21.0	19.0	17.4	20.5	18.9	17.7
29	19.6	18.1	17.0	19.8	18.5	17.6	20.2	18.5	17.6
30	20.2	18.6	17.1	21.8	19.3	17.4	20.8	19.2	17.7
31	23.2	20.6	18.7	25.5	21.1	18.7	22.7	20.7	19.1
平均 MÉD	18.2	16.0	14.1	19.3	16.3	14.0	18.4	16.5	14.6
全月 MÊS	23.5		8.7	25.5		8.7	23.6		9.3

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	18.1	16.6	15.2	18.2	16.7	15.3
2	18.8	16.9	16.0	19.0	17.0	15.9
3	18.3	17.1	15.9	18.6	17.2	15.9
4	20.8	18.3	16.1	20.9	18.4	15.5
5	19.1	18.1	17.0	18.9	18.0	17.0
6	17.2	15.3	12.3	17.2	15.4	12.5
7	12.4	11.1	10.1	12.6	11.5	10.7
8	12.9	11.2	9.6	13.6	11.7	9.8
9	17.8	14.1	11.1	17.3	14.3	11.6
10	19.9	17.7	16.0	19.9	17.5	15.5
11	18.3	13.3	11.6	18.0	13.6	12.0
12	14.1	11.9	9.2	14.3	12.2	9.6
13	15.8	12.9	9.9	15.7	12.8	10.2
14	17.0	14.9	13.0	17.6	14.9	12.5
15	18.6	15.9	13.6	19.1	16.2	13.4
16	21.6	17.2	14.7	21.0	17.1	14.1
17	19.7	16.7	14.6	20.1	16.6	13.9
18	19.2	17.0	15.3	19.8	17.3	15.4
19	21.1	18.7	16.3	21.3	18.6	16.4
20	24.7	22.0	20.3	24.2	21.6	19.8
21	23.6	22.3	21.1	23.9	21.5	19.8
22	21.8	18.9	15.2	21.0	18.6	15.0
23	15.2	13.1	11.1	15.1	13.3	11.4
24	<i>14.5</i>	<i>13.5</i>	<i>12.2</i>	14.8	13.2	11.8
25	19.1	16.3	13.1	19.3	16.5	13.4
26	17.3	15.6	13.5	16.5	15.5	14.0
27	18.5	17.3	16.0	18.6	17.1	15.7
28	20.8	19.1	17.8	21.5	19.1	17.7
29	19.9	18.7	17.7	19.8	18.7	17.5
30	20.8	19.2	17.6	20.8	19.0	17.5
31	24.3	20.8	18.4	25.6	21.2	18.1
平均 MÉD	<i>18.7</i>	<i>16.5</i>	<i>14.6</i>	18.8	16.5	14.5
全月 MÊS	<i>24.7</i>		<i>9.2</i>	25.6		9.6

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		
	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	80	72	63	94	84	72	79	71	61
2	91	84	78	98	92	87	90	82	75
3	91	81	73	98	92	84	89	79	72
4	84	79	66	96	88	74	83	78	67
5	90	81	72	97	90	82	88	80	73
6	90	86	80	98	96	91	89	84	78
7	88	82	75	96	92	85	85	80	75
8	89	80	67	97	89	79	86	77	68
9	86	77	63	94	84	66	86	74	65
10	82	77	70	89	84	76	80	75	69
11	91	84	73	98	93	83	87	81	70
12	73	57	43	84	67	50	71	56	40
13	53	41	29	63	49	33	53	41	28
14	72	55	41	82	61	49	74	54	35
15	80	66	50	91	77	59	77	66	46
16	80	64	37	88	72	37	78	62	34
17	83	73	54	94	81	57	82	72	56
18	83	74	59	94	82	64	83	74	63
19	84	76	65	93	84	68	83	75	65
20	85	78	68	94	87	74	83	75	68
21	88	84	78	97	93	85	86	82	75
22	91	84	76	97	92	81	89	83	74
23	88	83	79	97	93	90	87	82	78
24	84	82	78	91	90	87	81	79	76
25	91	80	69	97	88	78	88	76	65
26	78	72	64	86	80	71	75	70	64
27	85	80	76	92	88	82	82	78	73
28	89	85	79	96	93	89	86	83	76
29	93	87	80	99	95	88	91	86	78
30	86	81	76	93	88	80	84	79	74
31	89	82	69	96	89	74	88	81	68
平均 MÉD	84	76	66	93	85	73	83	75	65
全月 MÊS	93		29	99		33	91		28

相對濕度 (%)

HUMIDADE RELATIVA (%)

RELATIVE HUMIDITY (%)

	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	84	72	63	85	76	64
2	91	84	78	94	88	81
3	91	81	73	94	84	76
4	85	78	68	90	81	68
5	89	80	68	93	84	71
6	91	86	81	95	90	83
7	89	83	78	93	85	79
8	89	80	70	93	83	71
9	89	77	61	91	80	67
10	81	76	70	85	80	72
11	91	84	73	95	88	77
12	75	59	44	78	60	41
13	55	42	27	59	47	32
14	73	55	41	77	60	47
15	79	70	55	86	72	58
16	82	63	33	81	67	30
17	83	73	53	91	77	57
18	84	74	59	86	76	59
19	82	75	66	85	79	67
20	86	78	67	90	81	70
21	88	84	78	93	87	78
22	91	84	71	94	87	76
23	90	84	81	93	87	82
24	85	83	79	89	85	82
25	91	80	69	96	83	70
26	78	72	65	81	75	67
27	84	80	75	89	83	76
28	90	86	80	92	88	80
29	94	87	77	97	90	81
30	85	81	75	89	84	77
31	91	83	68	94	84	66
平均 MÉD	85	76	66	89	80	68
全月 MÊS	94		27	97		30

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	0.2	0.2	0.0	0.0	0.2	0.2
2	6.8	6.4	6.0	5.0	6.4	6.0
3	0.2	0.2	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0
5	1.6	1.0	3.0	1.4	3.2	1.8
6	0.8	0.6	1.2	0.8	0.8	0.6
7	1.4	0.8	2.0	0.8	1.6	0.8
8	0.8	0.4	0.2	0.2	0.4	0.2
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	7.4	2.4	7.4	2.0	8.2	2.8
12	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
20	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
22	0.6	0.4	0.4	0.2	0.4	0.4
23	0.2	0.2	0.2	0.2	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
25	0.4	0.2	0.4	0.4	0.4	0.2
26	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
29	8.4	3.4	10.4	3.4	10.8	5.0
30	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0
最高	8.4	6.4	10.4	5.0	10.8	6.0
MÁX						
總數	28.8		31.2		32.4	
TOTAL						

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	0.2	0.2	0.2	0.2
2	6.2	5.8	3.6	2.4
3	0.2	0.2	0.2	0.2
4	0.0	0.0	0.0	0.0
5	2.6	1.8	3.8	3.2
6	0.8	0.6	1.6	1.0
7	1.0	0.4	1.4	0.8
8	0.2	0.2	0.6	0.4
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	4.4	1.8	6.0	2.4
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.4	0.2	0.4	0.4
23	0.2	0.2	0.2	0.2
24	0.0	0.0	0.0	0.0
25	0.2	0.2	0.2	0.2
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	7.0	2.8	7.4	4.4
30	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0
最高 MÁX	7.0	5.8	7.4	4.4
總數 TOTAL	23.4		25.6	

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	NE	7.0	28.1	ENE	3.8	20.2
2	NW	6.4	31.7	C	2.8	21.2
3	E	5.9	26.6	NE	2.8	16.6
4	E	6.9	24.8	E	3.6	23.4
5	E	10.9	37.1	E	6.5	29.5
6	NW	9.3	32.0	NE	4.8	27.4
7	NW	10.5	33.1	N	6.8	24.5
8	NW	10.5	33.5	N	7.9	29.2
9	NW	6.5	22.7	NNE	3.0	15.1
10	NE	6.6	27.0	E	3.2	19.8
11	NW	14.0	38.5	N	8.9	39.2
12	NNW	14.6	51.5	N	10.8	45.7
13	NNW	9.6	36.0	N	5.4	28.1
14	E	7.8	25.2	NE	3.5	17.3
15	E	5.6	24.1	C	2.3	15.5
16	NW	6.4	22.0	C	3.1	22.7
17	E	7.0	22.3	E	3.7	19.4
18	E	7.2	20.5	E	3.7	18.7
19	E	7.6	23.4	E	3.9	22.7
20	E	5.9	19.8	C	2.4	14.8
21	E	6.5	22.3	ENE	2.3	22.7
22	E	9.1	28.8	E	5.2	30.2
23	NW	10.6	32.4	N	6.9	27.7
24	NW	8.4	29.2	N	4.0	20.2
25	NW	10.4	39.6	N	5.2	28.4
26	NW	8.8	29.5	NE	5.3	26.3
27	E	6.1	18.7	E	2.7	14.4
28	E	3.6	13.0	C	1.3	10.1
29	E	8.2	31.3	E	5.2	33.1
30	E	7.4	28.8	E	4.0	28.1
31	E	5.1	20.2	C	3.1	24.1
平均 MÉD		8.1			4.5	
最高 MÁX		14.6	51.5		10.8	45.7

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	NNE	6.0	23.8	NNE	4.7	23.8
2	NNW	4.6	22.7	N	5.9	24.1
3	NNW	3.9	19.1	NNE	4.3	24.5
4	C	3.0	14.0	SE	3.5	22.3
5	E	8.6	32.8	NE	6.6	31.7
6	N	9.0	32.0	NNE	10.5	35.6
7	NNW	11.5	34.2	N	12.2	29.5
8	N	9.8	30.2	N	12.6	33.5
9	NNW	5.3	19.4	N	5.9	22.3
10	N	4.2	14.8	NNE	5.2	22.0
11	N	8.9	33.1	N	14.6	42.1
12	N	14.3	44.3	N	16.0	45.0
13	NNW	9.6	28.8	NNE	9.6	36.7
14	ESE	6.5	18.4	NNE	5.3	24.5
15	SE	4.9	16.6	SE	4.5	23.4
16	SE	6.2	20.2	NNE	5.2	22.3
17	NNW	7.1	19.8	NNE	5.3	21.6
18	SE	6.5	18.0	SE	5.4	20.9
19	NE	5.0	22.7	NE	4.8	22.7
20	NE	2.9	10.8	NNE	4.2	18.4
21	SE	1.8	10.8	SE	2.9	17.6
22	NNW	8.1	28.4	NE	6.6	28.8
23	N	9.9	27.0	N	13.0	32.8
24	NNW	7.3	26.3	N	8.6	22.0
25	W	7.0	28.4	N	10.7	36.7
26	N	7.8	26.3	N	8.2	34.6
27	NE	3.5	14.0	NE	3.0	15.5
28	C	1.7	11.2	C	2.5	10.8
29	ESE	6.0	30.6	NE	5.0	27.7
30	SE	5.4	26.3	ESE	4.6	27.4
31	SE	3.7	16.6	SE	3.9	19.1
平均 MÉD		6.4			6.9	
最高 MÁX		14.3	44.3		16.0	45.0

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	NE	3.1	51.1	NE	17.7	47.5
2	NW	3.7	25.2	NE	10.5	34.9
3	E	2.7	22.3	NE	9.1	30.2
4	E	2.9	18.0	E	12.9	24.5
5	E	5.2	36.7	ENE	27.4	49.7
6	NE	5.4	26.3	NE	16.0	38.5
7	NE	6.5	27.0	NW	13.0	35.3
8	NW	8.5	29.9	NW	12.9	37.1
9	E	4.5	22.0	NE	10.4	27.4
10	NNE	4.2	20.9	NE	15.6	31.0
11	NW	11.9	35.3	NW	18.1	44.6
12	NW	8.6	37.8	N	16.9	62.3
13	NW	4.6	27.0	NE	14.0	36.4
14	E	3.6	24.5	ENE	14.0	27.7
15	E	3.4	27.7	NE	10.8	31.0
16	NE	4.5	21.6	NE	12.7	27.4
17	NE	4.0	20.2	NE	14.3	28.8
18	E	3.5	19.1	NE	14.6	28.8
19	E	3.4	23.4	NE	15.4	33.1
20	SE	3.0	23.8	ENE	11.0	24.8
21	C	2.2	19.1	ENE	10.0	24.1
22	E	4.8	27.0	E	19.3	44.6
23	NE	7.8	28.1	NW	14.7	32.4
24	NW	6.4	31.3	NW	11.2	31.7
25	NW	8.3	31.3	NW	12.9	36.4
26	NE	5.0	26.3	NE	13.7	32.8
27	E	2.4	18.0	NE	12.3	28.1
28	C	1.6	10.8	NE	6.6	15.1
29	E	4.1	31.3	E	16.6	37.8
30	SE	4.2	28.1	E	16.1	40.0
31	C	1.6	14.4	E	10.9	28.4
平均 MÉD		4.7			13.9	
最高 MÁX		11.9	51.1		27.4	62.3

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	NE	17.0	47.9	ENE	16.7	46.4
2	NE	13.2	37.1	NE	11.5	35.3
3	NNE	10.2	32.8	E	9.7	31.7
4	ESE	13.4	27.7	E	13.5	25.9
5	E	26.6	48.6	E	29.2	49.3
6	N	21.6	40.3	NE	17.1	35.6
7	N	22.9	41.4	N	16.7	37.8
8	N	19.4	34.9	N	16.7	34.6
9	NNE	13.0	30.2	N	10.7	23.0
10	NNE	15.0	32.4	NE	14.9	32.4
11	N	21.8	44.3	N	18.5	42.5
12	N	29.9	58.3	N	22.7	58.3
13	N	21.0	40.7	NNE	16.1	39.6
14	NNE	15.9	32.4	E	15.0	32.4
15	NNE	11.9	29.5	E	10.5	33.5
16	NNE	14.6	34.2	N	10.0	29.5
17	NNE	16.5	32.8	E	13.5	26.3
18	ESE	14.1	29.9	E	14.1	29.2
19	NE	13.0	34.2	ENE	14.8	34.9
20	NNE	9.1	22.3	ENE	12.2	25.2
21	E	6.8	22.0	E	12.3	28.8
22	E	20.9	46.4	E	20.2	45.0
23	N	20.3	36.0	N	16.3	34.2
24	N	15.0	34.2	N	12.5	34.2
25	N	15.7	40.0	N	15.3	40.7
26	N	17.4	33.8	N	15.3	41.0
27	NE	9.9	27.7	ENE	12.0	26.3
28	NE	5.0	14.4	E	6.4	13.3
29	E	16.9	50.8	E	18.8	46.1
30	ESE	15.1	34.9	E	17.0	39.6
31	SE	9.4	23.8	E	10.3	25.6
平均 MÉD		15.9			14.8	
最高 MÁX		29.9	58.3		29.2	58.3