



香港氣象及潮水觀測摘要

SUMMARY OF METEOROLOGICAL AND TIDAL OBSERVATIONS

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1. 引言

香港各氣象站錄得的地面氣象觀測數據由一八八四年起均刊載於每年出版的《氣象資料第一部分(地面觀測)》。香港天文台由一九六九年開始利用電腦編製這些氣象數據。這份刊物在一九八七年改稱為《香港地面觀測年報》。隨著刊物精簡化及方便讀者掌握一年的天氣情況，內容由一九九三年起只有摘要資料和圖表。地面及高空數據亦從該年起一併刊載，刊物名稱亦更改為《香港氣象觀測摘要》。《香港地面觀測年報》和另外一份撮錄高空數據的年刊—《無線電探空儀觀測摘要》則於同年停刊。本刊從二零零七年開始增加閃電定位網絡的香港境內閃電次數資料及香港天文台潮汐測量站海平面資料的摘要，名稱亦更改為《香港氣象及潮水觀測摘要》。

本刊物所述的時間，是指香港時間，即協調世界時加8小時。

氣候正常平均值是指用三十年的觀測數據計算出來的平均數值。為方便參考，本刊物列載了最近四套氣候正常平均值，包括一九六一至一九九零年、一九七一至二零零零年、一九八一至二零一零年及一九九一至二零二零年的氣候正常平均值。至於極端氣象紀錄，是指天文台在一八八四年至一九三九年及一九四七年至二零二一年期間所錄得的最高及最低數值。

2. 香港的氣象站

天文台管理的氣象站，分為有觀測員的氣象站和自動氣象站兩種。圖1為二零二一年十二月三十一日的氣象站位置。下文簡述氣象站詳情。

有觀測員的氣象站

關於有觀測員的氣象站的位置及站內溫度表附近地面、氣壓表和風速表的高度，詳情如下：

氣象站	位置		海拔高度(米)		
	北緯	東經	氣壓表	風速表	地面
天文台(HKO)	22°18'07"	114°10'27"	40	74*	32
香港國際機場(HKA)	22°18'34"	113°55'19"	7	14 [#]	6

*風速表安放在天文台總部百周年紀念大樓天台，天台的海拔高度約為65米

[#]所指風速表在中跑道(二零二一年十二月二日本港時間早上八時前稱為北跑道)近中間位置，所處地面的海拔高度為4米

氣象站對風、能見度、天氣情況、大氣壓力、乾球和濕球溫度、雨量、雲層類型、雲量及雲底高度的觀測，通常每小時至少一次。

天文台自一八八四年首次進行天氣觀測以來，天文台總部一直是本港的基準天氣站(Synoptic station)。由於八十年代天文台總部附近急劇城市化，高樓大廈相繼建立，天氣站在一九九二年七月一日由京士柏氣象站替代(請參閱參考[1])。香港國際機場則由二零零零年四月一日起成為本港的基準天氣站。

自動氣象站

為了配合對地區氣象資料需求日增的情況，以及改善氣象服務，天文台在本港各區設立了自動氣象站。部分自動氣象站測量多項氣象要素，包括風、乾球和濕球溫度、露點溫度、相對濕度、大氣壓力、雨量、太陽輻射、紫外線、香港暑熱指數及能見度，而部分則只測量風、氣溫或雨量。此外，位於香港國際機場東面及西面的自動氣象浮標及橫瀾島自動氣象站亦測量海面溫度。有關數據每分鐘實時傳送到天文台。由於橫瀾島潮汐站於二零一八年受到超強颱風山竹破壞，由二零一八年九月十六日起暫停運作，未能提供海面溫度和海平面高度測量。

在二零二一年十二月三十一日，運作中的自動氣象站共有88個(見圖1)。這些氣象站的位置及站內氣壓表、風速表、雨量計或溫度計百葉箱的海拔高度等詳情收錄在附件表A。有關各站之氣象要素測量詳情列於附件表B。

黃茅洲、沱濤列島、內伶仃和外伶仃氣象站位於香港境外的小島，是天文台與廣東省氣象局合作設立的自動氣象站。這些站的數據每一分鐘傳送一次，首先以超高頻無線電波傳送至香港境內的中繼站，再透過租用電話線路或無線電網絡傳達至天文台。

有觀測員的雨量站

有觀測員的雨量站網絡，是在志願觀測員的協助下，於五十年代初期開始設立的。圖1亦顯示在二零二一年有觀測員的雨量站的位置。

潮汐測量站

自動潮水測量始自一九五零年代。天文台在二零二一年有六個潮汐測量站，分別位於：鰂魚涌、石壁、大廟灣、大埔滘、尖鼻咀和橫瀾島(圖1)，提供海平面高度資料。潮水資料每分鐘實時傳送到天文台。

有關各潮汐測量站的位置及其開始提供資料的日期列於下表：

潮汐測量站	位置		驗潮儀類型	開始提供資料的日期
	北緯	東經		
鰂魚涌 (QUB)	22°17'28"	114°12'48"	海面壓力 傳感器*	1986年1月 [#]
石壁 (SPW)	22°13'13"	113°53'40"	海面壓力 傳感器*	1998年1月
大廟灣 (TMW)	22°16'11"	114°17'19"	海面壓力 傳感器*	1996年1月
大埔滘 (TPK)	22°26'33"	114°11'02"	海面壓力 傳感器*	1963年12月
尖鼻咀 (TBT)	22°29'14"	114°00'51"	海面壓力 傳感器	1974年12月
橫瀾島 ^{&} (WGL)	22°10'59"	114°18'10"	海面壓力 傳感器	1976年12月

[#]北角潮汐測量站在1952年10月開始運作。由於在1985年北角進行填海工程，潮汐測量站搬至鰂魚涌。

*大埔滘和鰂魚涌潮汐測量站的驗潮儀分別從2006年3月及2017年6月開始由浮標式驗潮儀轉為海面壓力傳感器。石壁和大廟灣潮汐測量站的驗潮儀從2018年9月開始由氣壓式驗潮儀轉為海面壓力傳感器。

[&]橫瀾島潮汐站因受到超強颱風山竹破壞，由2018年9月16日起未能提供海面溫度和海平面高度測量。

3. 儀器及觀測方法

圖2至圖4分別顯示天文台總部、京士柏氣象站及香港國際機場氣象觀測坪在二零二一年十二月三十一日的氣象儀器分布簡圖，圖5顯示這三個氣象站全景。下文闡述二零二一年氣象要素的測量程序。

地面觀測

大氣壓力

在天文台，大氣壓力由Setra 470型數字氣壓表測量。在香港國際機場，大氣壓力由三部Setra 470型數字氣壓表測量，以其中位數作報告。在京士柏，大氣壓力則由Setra 270型氣壓表測量。後備儀器方面，天文台及京士柏分別以Setra 470型及Setra 270型氣壓表作為後備，而香港國際機場

航空氣象所則首先以一部PTB 330氣壓表作為後備，PAB Mark II氣壓表僅作為第二後備。

氣溫、濕球溫度、露點溫度、水汽壓及相對濕度

天文台和香港國際機場均有進行地面氣溫(乾球溫度)、濕球溫度的觀測及露點溫度、水汽壓及相對濕度的計算。

在天文台，乾球和濕球溫度由白金絲電阻溫度表測量。白金絲電阻溫度表是置於一個頂部由兩層分隔墊料搭成的開放棚架內，離地約1.2米。開放棚架比百葉箱較為理想，因為百葉箱在炎熱無風的天氣下，會出現過熱情況。天文台在一九七八年把棚架及百葉箱測錄得的溫度作比對，結果載於參考[2]。

天文台使用同一的白金絲電阻溫度表，作為最高及最低溫度的數字記錄系統。傳統的玻璃水銀溫度表亦放置在開放棚架內，作為後備設施。

天文台在一九八八年引用修訂賀柏氏(Hooper)法(參考[3])，從乾球和濕球溫度讀數計算出水汽壓、相對濕度及露點溫度。

香港國際機場使用Thies乾濕表測量乾球和濕球溫度，而露點溫度及相對濕度則從乾球和濕球溫度讀數計算出來。

天文台在二零二一年於部分自動氣象站安裝Vaisala HMP 155相對濕度探頭直接測量相對濕度，亦因而停止這些氣象站的濕球溫度測量。

風

天文台及京士柏均使用Met One Instruments WS-201風速表來記錄風速和風向，以每小時終結前60分鐘內的數值計算每小時的盛行風向及平均風速。至於每日或每月的盛行風向，則是應用二項式中五項加權因子(1-4-6-4-1)計算風向頻數分布。所得結果未必是模態風向。

香港國際機場使用Thies風向風速表觀測風速和風向。

由於橫瀾島的地理位置較為空曠，而且不直接受都市化的影響，故此橫瀾島錄得的風資料，較能代表香港的氣流概況。橫瀾島使用置於海拔83米高的Munro Instruments Mk 4型磁感風杯風速表觀測風速和風向。

各自動氣象站使用由Met One Instruments WS-201風速表、Munro Instruments Mk 4型磁感風杯風速表或Thies風向風速表來記錄風資料。

香港國際機場、橫瀾島及各自動氣象站的風數據處理方法與天文台大致相同。

雲量

香港國際機場由具專業資格的航空氣象觀測員每半小時進行一次日測雲層種類、雲量及估計雲底高度的工作，而天文台則每小時進行雲量觀測。

天文台也在香港國際機場內和附近操作六台鐳射雲幕儀，它們測量雲底高度，供航空天氣觀測員參考。

日照時間

自一八八五年開始，天文台總部一八八三大樓屋頂裝有康培爾－斯托克日照計，用以記錄日照時間。在一九五七年七月，天文台在京士柏其中一幢建築物屋頂裝設另一台康培爾－斯托克日照計。自一九六一年開始改為以京士柏的日照計記錄日照時間，至二零零四年底。

自二零零五年一月一日起，天文台使用由Kipp & Zonen製造的CSD型號日照時間表來記錄日照時間。業務運作和後備日照時間表均安裝在京士柏其中一幢建築物屋頂，離地6米，即海拔71米，全自動操作並根據世界氣象組織的定義記錄日照時間。每小時記錄的日照時間，指以本地時每小時開始為中心的60分鐘期間內錄得的日照時間。

太陽輻射

天文台自一九五八年開始使用雙金屬日射計測量太陽總輻射，該儀器在一九五九年移至京士柏。目前，京士柏使用Kipp & Zonen製造的日射表量度太陽總輻射。自二零零八年開始，天文台亦在滘西洲量度太陽總輻射，當時使用的儀器是EKO製造的日射表。至二零一八年，改用Kipp & Zonen製造的日射表量度。

自二零一零年開始，天文台在京士柏和滘西洲量度太陽直接輻射和太陽漫射輻射，兩處均使用EKO製造的日射表量度。

太陽總輻射是由一個有半球形透明玻璃圓頂，能接收全天域陽光的總日射表量度。太陽直接輻射由一個安裝在對準太陽中心的自動太陽追蹤儀器上，能接收5度範圍內陽光的直接日射表來量度。太陽漫射輻射則同樣由一個安裝在自動太陽追蹤儀器上，但有遮蔽太陽直接照射裝置的總日射表來量度。

紫外線

天文台從一九九九年使用 **Yankee Environmental Systems** 的寬波段 **UVB-1** 紫外線儀來量度紫外線強度。所量度的紫外線 **B** 包括直接通過大氣層及經大氣層中的氣體和微粒散射的紫外線。紫外線儀對不同波長的紫外線的反應與人體皮膚相似，所得數據用以計算紫外線指數。有關紫外線指數的詳盡計算方法，請參閱參考[4]。此外，天文台在二零一零年起使用 **Kipp & Zonen** 的 **UVS-A-T** 輻射儀來量度紫外線 **A** 強度。實時的紫外線指數和紫外線 **A** 數據均於天文台網頁發放(請參閱參考[5])。

最低草溫和土壤溫度

天文台及京士柏均有進行最低草溫及土壤溫度觀測。最低草溫溫度表讀數在每日8時記錄，該讀數代表由前一日19時起計的晚間最低草溫。此外，每日兩次，即7時及19時，亦記錄在地面下0.05、0.1、0.2、0.5、1.0、1.5及3.0米深的土壤溫度。天文台的最低草溫和土壤溫度由白金絲電阻溫度表自動錄得。京士柏於二零零九年一月一日開始亦使用白金絲電阻溫度表自動測量草溫和土壤溫度。

打鼓嶺和大帽山全自動草溫測量儀分別於二零零六年十二月和二零零八年二月開始運作。而湓西洲則分別於二零零八年六月及二零一零年三月開始全自動測量土壤溫度(0.05及0.1米深)和草溫。上述三站均使用白金絲電阻溫度表進行草溫和土壤溫度測量。

蒸發量

天文台從一九五八年起在京士柏使用“A”級蒸發皿以人手測量蒸發量。自二零一四年開始，天文台分階段進行三台蒸發皿(蒸發皿第1至3號)的自動化工作。自動蒸發皿第3號、第2號和第1號分別在二零一四年十二月、二零一五年二月和二零一八年一月開始業務運作。

現時每日11時在京士柏進行蒸發量測量工作。用作編製每月數值的讀數來自第2號蒸發皿，而第1號和第3號蒸發皿的讀數則作為後備。

自二零一七年一月一日開始，人手測量的24小時雨量、蒸發皿水溫及風移動量分別以自動化的 **SL3-1** 翻斗式雨量器、白金絲電阻溫度表及 **Thies** 風速表代替。

可能蒸散量

天文台從一九五一年起在京士柏三幅草地利用第1至第3號蒸滲儀以人手測量可能蒸散量。自二零一四年開始，天文台分階段進行三台蒸滲儀

的自動化工作。第3號、第1號及第2號自動蒸滲儀分別在二零一四年五月、二零一四年九月和二零一六年一月開始業務運作。

現時每日11時在京士柏進行可能蒸散量測量工作。有時，在錄得高數值的可能蒸散量後，接着數天卻錄得負數值。這些反常的數值，源於大雨過後延後的徑流。計算月值時，這些數值也包括在內。有關可能蒸散量的其他資料記載於參考[6]。

海面溫度

消防處職員每日兩次，即7時及14時，在北角消防局消防船碼頭錄取海面溫度。北角消防局消防船碼頭平均水深約為6.5米。

天文台利用白金絲電阻溫度表在橫瀾島自動測量海面溫度。橫瀾島邊緣陡峭，四面的海床深於18米，所錄得的溫度，可代表毗鄰的近岸水域溫度。

天文台以同樣方法於香港國際機場東面及西面的自動氣象浮標測量海面溫度，該兩處水域平均水深分別約為11.5米和7.4米。量度海面溫度的位置均為海面以下約2米。

閃電及雷暴

具專業資格的氣象觀測員在天文台每小時一次的觀測中報告觀測到的閃電及雷暴，在香港國際機場則每半小時一次。

覆蓋珠江三角洲的閃電定位網絡二十四小時不停監察雲對地及雲間閃電。網絡由香港天文台、廣東省氣象局和澳門地球物理暨氣象局自二零零五年起合作建立。

天文台其後就網絡系統的電腦硬件及軟件進行更新及優化，新系統於二零一七年五月底投入業務運作。

在二零一八年，天文台建立了兩個新閃電探測站，分別位於赤鱸角及珠海東澳島，新探測站裝設了新型號的閃電儀。此外，天文台亦更新了四台現有探測站之閃電儀，包括春坎角、尖鼻咀、沙頭角和澳門氹仔。加上原有位於廣東的三水、惠東和陽江，現時閃電定位網絡共有九個探測站。新閃電儀經試行及優化後，於二零一九年初全面投入業務運作。

閃電位置是依靠各探測站接收到閃電釋放出來的電磁波的時間及方向計算出來的。

能見度

天文台總部的水平能見度由具專業資格的氣象觀測員每小時評估一次。

在二零零四年及以前，香港國際機場的水平能見度讀數是基於具專業資格的航空氣象觀測員每小時的觀測數據。在二零零五年及以後，香港國際機場的水平能見度讀數是採用位於機場南跑道中間的Vaisala FD12P能見度儀在每小時前10分鐘的平均數據。這與使用儀器觀測來改進能見度評估的國際趨勢是一致的。

此外，天文台在中環碼頭、西灣河及橫瀾島使用Vaisala FD12P能見度儀，廿四小時監測維多利亞港及香港東南面水域的水平能見度。水平能見度讀數亦是採用每小時前10分鐘的平均數據。

雨量

天文台總部使用一套203毫米普通雨量器進行每小時一次的人手雨量觀測。觀測結果會與安裝在鄰近的自動雨量器所取得的數據核對。

在香港國際機場每小時一次的雨量觀測，用三個一組的SL3-1雨量器。所得數據會互相核對。此外，亦利用鄰近的160毫米普通雨量器，在每日9時及15時量度雨量兩次。

天文台分佈各區的自動氣象站使用自動雨量器來量度雨量。土力工程處及渠務署亦各自設有遙感雨量器網絡，所收集到的數據可供天文台讀取。現時，天文台每1至5分鐘可取得本港各區的雨量讀數。天文台自動氣象站使用Casella 100573E型及SL3-1型翻斗式雨量器，分別以0.5毫米及0.1毫米為單位記錄雨量。京士柏和香港國際機場分別從二零一四年三月四日及七月二十八日起，改用SL3-1翻斗式雨量器以0.1毫米為單位記錄雨量。

由志願觀測員管理的雨量器是以人手量度的127毫米普通雨量器。大部分普通雨量器的量度時間都是每日15時。

二氧化碳濃度

自二零零九年五月七日起，天文台使用由LI-COR Biosciences製造的LI-820二氧化碳分析儀進行戶外二氧化碳濃度測量。該二氧化碳分析儀安裝在京士柏氣象站的草地上，二十四小時全自動操作，記錄每分鐘的平均二氧化碳濃度。

天文台自二零一零年十月二十六日起在香港島東南端鶴咀半島利用一套LI-820二氧化碳分析儀進行戶外二氧化碳濃度的本底測量。該分析儀設於香港理工大學土木及結構工程學系的本底大氣監測站內，是項測量為天文台與香港理工大學的一個合作項目。

天文台於二零一八年八月在環境保護署的鶴咀超級空氣監測站內安裝較新型的LI-840A二氧化碳分析儀，並開始試行運作，收集數據。該站自二零二零年一月一日起正式取代原有監測站作為鶴咀的數據來源。而鶴咀的LI-840A二氧化碳分析儀亦於二零二一年二月二十七日被LI-850型號正式取代。另外，天文台亦在二零二零年四月於京士柏氣象站安裝較新型的LI-850二氧化碳分析儀，以試行運作。該LI-850二氧化碳分析儀自二零二零年十一月一日起正式取代舊有的分析儀。新儀器除可以監測二氧化碳濃度外，更可以監測水汽含量，因此可以透過演算剔除水汽，得出較為準確的乾燥空氣中的二氧化碳濃度。

天文台在量度二氧化碳濃度初期，利用可追溯至美國國家標準的標準氣體，為天文台的二氧化碳分析儀進行校準。自二零一零年十月二十六日起，天文台轉用美國大氣及海洋局提供的一級標準二氧化碳氣體為二氧化碳分析儀進行校準。

京士柏及鶴咀二氧化碳濃度測量站均是世界氣象組織全球大氣監測計劃下的區域監測站。有關測量的背景資料、兩個監測站的測量數據及二氧化碳濃度測量分析報告，請參考[7]和[8]。

香港暑熱指數

京士柏及雙魚河氣象站分別設置了一套由天文台研發的儀器，用作自動測量乾球溫度(Ta)、自然濕球溫度(Tnw)和黑球溫度(Tg)。乾球溫度是指設有屏蔽以遮擋太陽直射的溫度計所量度的一般氣溫，自然濕球溫度是利用包著濕布並暴露於太陽照射的溫度計所量度的溫度，而黑球溫度是利用藏在黑色中空銅球內的溫度計所量度的溫度。儀器所收集的資料用作綜合計算切合香港氣候及環境的香港暑熱指數，幫助天文台提供有關炎熱天氣的服務。香港暑熱指數相等於 $0.80T_{nw} + 0.05T_g + 0.15T_a$ ，而天文台網頁分別自二零一四年五月三十日及二零一七年八月十四日起提供京士柏和雙魚河的香港暑熱指數資料(請參閱參考[9]和[10])。

高空觀測

天文台自一九九三年七月起採用Vaisala公司的數碼科拉(DigiCORA)高空探測系統探測高層大氣。一部自動高空探測系統在二零零四年五月正式投入運作，取代人手投放探空氣球。在進行高空探測時，無線電探空儀隨氣球上升，並利用GPS定位系統來測定探空儀的移動軌跡，從而得出高空風的資料。所有高空探測由二零零六年七月一日起採用Vaisala Type

RS92型無線電探空儀進行。該型號探空儀分別採用矽氣壓表、細絲熱電容及濕敏電容薄膜電容器來探測大氣中的氣壓、溫度及相對濕度。高空探測工作由二零零九年全面採用氦氣為汽球充氣，取代了使用多年的氫氣。自動高空探測系統在二零一六年十一月進行系統升級，採用了新型號 Vaisala Type RS41型無線電探空儀進行探空工作。RS41型無線電探空儀分別利用白金電阻及薄膜電容器來探測溫度和相對濕度，氣壓則用GPS數據計算出來。

京士柏氣象站是本港唯一的高空觀測站。自二零零七年一月一日起，天文台定時每日在京士柏氣象站進行兩次高空探測，分別為協調世界時零時及12時。而在協調世界時6時的無線電測風觀測，則由一台風廓線儀所取代。該風廓線儀早已於一九九九年四月一日起，用作為協調世界時18時的高空測風觀測。

天文台在二零二零年十月開始每月施放氣球以霜點濕度計探測高空水汽含量，以期加入世界氣象組織的全球基準高空觀測網絡。

潮水觀測

天文台的驗潮儀通常設於碼頭，量度的海平面為海圖基準面以上高度，以米為單位。香港的海圖基準面在主水平基準面下0.146米。海平面取樣每分鐘一次。每小時海平面是該小時最後五分鐘海平面資料的平均值。全年平均海平面是以可用的每小時海平面資料計算，而其他潮汐統計資料如最高高潮、最低低潮和最高潮差則是以每分鐘的資料計算。

4. 數據表達方式

下文概述本刊物所載的氣象及氣候數據。在一些列表中，英文本的 HKO、KP及HKA，分別是天文台(Hong Kong Observatory)、京士柏(King's Park)及香港國際機場(Hong Kong International Airport)的縮寫。

京士柏、香港國際機場、天文台及橫瀾島於二零二一年的年風玫瑰圖載於圖6。由於橫瀾島錄得的風資料較能代表香港的氣流概況，故橫瀾島的月風玫瑰圖亦載於圖7。

香港各自動氣象站於二零二一年的年風玫瑰圖載於圖8。

圖9及圖10分別顯示天文台二零二一年每月平均氣溫及每月總雨量。

圖11展示二零二一年香港主要氣象要素年平均/總值與氣候平均值(1991-2020)的比對。

有志願觀測員的雨量站所錄得的月及年雨量，是從每日大約15時由人手量度的讀數計算出來。月總雨量是指由上月最後一日15時起，計算至該月最後一日15時止的雨量總和。圖12至圖13顯示香港各區在二零二一年的每月及全年雨量分布。圖中的等雨量線分析乃參考了有觀測員之雨量站、量度雨量的自動氣象站、土力工程處和渠務署的遙感雨量器網絡數據及天文台的雷達數據。

圖14至圖16展示各高度二零二一年協調世界時零時的月平均高空風、溫度和相對濕度。

圖17顯示二零二一年香港的雲對地閃電密度。

天文台的月總雨量和月平均氣溫氣候正常值(1961-1990, 1971-2000, 1981-2010及1991-2020)載於圖18。

天文台於二零二一年錄得的每日氣溫、相對濕度、雨量數值、大氣壓力及雲量列於表1至表7。

京士柏於二零二一年錄得的每日日照時間列於表8。

京士柏及滘西洲於二零二一年錄得的太陽總輻射、直接輻射和漫射輻射數值列於表9(a)至表9(f)。

京士柏於二零二一年錄得的每日最高紫外線指數載列於表10(a)。京士柏於二零二一年錄得的每日上午七時至下午六時紫外線指數平均值載列於表10(b)。

京士柏及雙魚河於二零二一年錄得的每日最高香港暑熱指數分別載列於表11(a)及11(c)。京士柏及雙魚河於二零二一年錄得的每日上午七時至下午六時香港暑熱指數平均值分別載列於表11(b)及11(d)。

橫瀾島於二零二一年錄得的每日盛行風列於表12。

香港各區於二零二一年的月及年氣象要素數值列於表13及表14。

表15列出二零二一年每月的蒸發量、可能蒸散量、最低草溫及土壤溫度。

表16列出二零二一年的月海面溫度。橫瀾島及香港國際機場東面及西面的自動氣象浮標的海面溫度根據每小時錄取的讀數計算出來，而北角的海面溫度則只根據在7時及14時錄取的讀數計算。

天文台對二零二一年氣候數據進行了一些分析。表17顯示天文台於二零二一年錄得指定雨量、閃電及雷的日數。二零二一年每日錄得香港境內之雲對地及雲間閃電次數分別列於表18(a)及表18(b)。

表19(a)及表19(b)分別列出天文台及香港國際機場於二零二一年每月的能見度低於指定數值的頻率百分比及出現低能見度的時間百分比。低能見度是指撇除霧、薄霧或降水等天氣情況後能見度低於8公里。由於中環碼頭、橫瀾島及西灣河沒有天氣狀況的觀測，表20(a)至表20(c)只分別列出該些地點於二零二一年每月的能見度低於指定數值的頻率百分比。

各有觀測員之雨量站和只量度雨量之自動氣象站於二零二一年的月及年雨量載於表21及表22。

香港氣象要素及部分氣象參數在一九六一年至一九九零年、一九七一年至二零零零年、一九八一年至二零一零年和一九九一年至二零二零年的月平均值與及氣象要素極端值(一八八四至一九三九年及一九四七至二零二一年)載於表23及表24。

各標準層於二零二一年錄得的高空風、氣溫、露點溫度及位勢高度的月平均值載於表25。這些數值，是根據每日協調世界時零時在京士柏進行高空探測所收集的數據計算的。

鯽魚涌、石壁、尖鼻咀、大埔滘及大廟灣潮汐測量站於二零二一年每月和全年的潮汐統計資料，如平均海平面、最高高潮、最低低潮、平均潮差和最高潮差列於表26(a)至表26(e)。這些統計資料的解釋載於參考[11]。當計算平均數值的可用數據低於50%時，其平均數值將不會被計算。

本刊物只刊載部分氣象要素的月值摘要及日數值。天文台的氣候資料服務網頁(<https://www.hko.gov.hk/tc/cis/climat.htm>)提供了更多每月及每日氣候數據，天文台亦可提供每小時地面氣象數據及潮水觀測數據、以及協調世界時零時及12時的高空探測數據供市民購買使用。市民如需要這些數據及其他分析資料，可按照以下地址致函香港天文台：

香港
九龍彌敦道134A
香港天文台台長
(經辦人：氣候資料服務組)

電郵地址：climat@hko.gov.hk

市民亦可到以下網址下載數據申請表格：

<https://www.hko.gov.hk/tc/cis/reqform.htm>

5. 鳴謝

承蒙多位志願雨量觀測員及消防處職員不辭勞苦，觀測天氣，貢獻良多，謹此鳴謝。眾多機構亦鼎力協助，允許天文台設置氣象觀測儀器，特此致以衷心謝忱。

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1. INTRODUCTION

Records of surface meteorological observations made at stations in Hong Kong, mostly on an hourly basis, were published since 1884 in annual volumes of ‘Meteorological Results Part I - Surface Observations’. Commencing 1969, meteorological data were compiled by computer with the assistance of the then Government Data Processing Agency. In 1987, this publication was re-named ‘Surface Observations in Hong Kong’. Since 1993, major changes in presentation have been introduced to prepare a condensed publication containing only summarized information and graphical form as far as possible so as to facilitate readers to appreciate the weather conditions of the year. Both surface and upper-air data were then included in the publication entitled ‘Summary of Meteorological Observations in Hong Kong’. Accordingly, the printing of ‘Surface Observations in Hong Kong’ and ‘Summary of Radiosonde-Radiowind Ascents’, which was an annual publication containing summarized upper-air data, were stopped. Starting 2007, summaries of observed sea levels at the tide gauge stations operated by the Hong Kong Observatory and the number of lightning strokes detected over the Hong Kong territory by the Lightning Location Network are included and this publication was subsequently renamed ‘Summary of Meteorological and Tidal Observations in Hong Kong’.

The time used in this publication is Hong Kong Time which is 8 hours ahead of Co-ordinated Universal Time (UTC).

Climatological normals refer to those computed from data collected during a 30-year period. For easy reference, the most recent four sets of climatological normals for 1961-1990, 1971-2000, 1981-2010 and 1991-2020 are included in this publication. Extreme weather records are compared against the data recorded in the periods 1884-1939 and 1947-2021 for the Hong Kong Observatory Headquarters.

2. METEOROLOGICAL STATIONS IN HONG KONG

Hong Kong Observatory operates both manned and automatic stations. Their locations as at 31 December 2021 are shown in Figure 1. Station details are briefly described in the following paragraphs.

MANNED WEATHER STATIONS

Details on the positions, elevations of ground near the thermometer, barometer and anemometer of the manned stations are tabulated below:

Station	Position		Elevation above mean sea-level (metres)		
	Latitude N	Longitude E	barometer	anemometer	ground
Hong Kong Observatory (HKO)	22°18'07"	114°10'27"	40	74 *	32
Hong Kong International Airport (HKA)	22°18'34"	113°55'19"	7	14 #	6

*The anemometer is located on the roof top of the Hong Kong Observatory Centenary Building which is around 65 metres above the mean sea-level.

Refer to the wind sensor at the centre of the centre runway (known as “north runway” before 8:00 HKT on 2 December 2021), with a ground level of 4 metres above the mean sea-level.

Observations of wind, visibility, weather condition, atmospheric pressure, dry-bulb and wet-bulb temperatures, rainfall amount, cloud type, cloud amount and height of cloud base are normally taken at hourly or more frequent intervals.

The Hong Kong Observatory Headquarters had been the reference synoptic station for Hong Kong since weather observations began in 1884. Because of rapid urbanization and erection of high-rise buildings in the vicinity of the Observatory Headquarters in the 1980s, it was replaced by the King’s Park Meteorological Station on 1 July 1992 (ref. [1]). The Hong Kong International Airport became the reference synoptic station for Hong Kong on 1 April 2000.

AUTOMATIC WEATHER STATIONS

Automatic weather stations were set up in Hong Kong to meet increasing demands for regional meteorological data and to improve weather services. Some automatic stations measure wind, dry-bulb and wet-bulb temperatures, dew point temperature, relative humidity, atmospheric pressure, rainfall, solar radiation, UV, Hong Kong Heat Index and visibility, while some only measure wind, air temperature or rainfall. Besides, the automatic weather buoys located to the east and west of the Hong Kong International Airport and the automatic weather station at Waglan Island also measure sea surface temperature. Data are transmitted in real time to the Hong Kong Observatory at one-minute intervals. As the Waglan Island tide station was damaged by Super Typhoon Mangkhut in 2018, the measurement of sea level and sea surface temperature at the station has been temporarily suspended since 16 September 2018.

On 31 December 2021, there were 88 automatic weather stations in operation (see Figure 1). Details of the positions and elevations above mean sea-level of the barometer, anemometer and the ground near the thermometer screen of these stations are tabulated in Table A of Appendix. The meteorological elements measured at different stations are listed in Table B of Appendix.

The stations in Huangmao Zhou, Tuoning Liedao, Neilingding and Wailingding are located at small islands in sea areas outside Hong Kong. They were installed in co-operation with the Guangdong Meteorological Service. Data from these stations are transmitted at one-minute intervals first via UHF radio wave to relay stations in Hong Kong and then by leased telephone circuit or wireless network to the Observatory.

MANNED RAINFALL STATIONS

A network of manned rainfall stations, made possible by co-operation of voluntary observers, has been in operation since the early 1950's. The locations of these manned rainfall stations in 2021 are shown in Figure 1.

TIDE GAUGE STATIONS

Tide measurement using automatic tide gauges started in the 1950s. In 2021, the Hong Kong Observatory operated six tide gauges at the following locations: Quarry Bay, Shek Pik, Tai Miu Wan, Tai Po Kau, Tsim Bei Tsui and Waglan Island (Figure 1) to provide information on sea levels. The tide data are transmitted in real time to the Hong Kong Observatory at one-minute intervals. Information on the positions of the gauges and the dates of the data availability is given below:

Tide Gauge Station	Position		Tide Gauge Type	Data Available From
	Latitude N	Longitude E		
Quarry Bay (QUB)	22°17'28"	114°12'48"	Sea Level Pressure Transducer*	Jan 1986 [#]
Shek Pik (SPW)	22°13'13"	113°53'40"	Sea Level Pressure Transducer*	Jan 1998
Tai Miu Wan (TMW)	22°16'11"	114°17'19"	Sea Level Pressure Transducer*	Jan 1996
Tai Po Kau (TPK)	22°26'33"	114°11'02"	Sea Level Pressure Transducer*	Dec 1963
Tsim Bei Tsui (TBT)	22°29'14"	114°00'51"	Sea Level Pressure Transducer	Dec 1974
Waglan Island ^{&} (WGL)	22°10'59"	114°18'10"	Sea Level Pressure Transducer	Dec 1976

[#] The tide gauge at North Point started operation in October 1952. The tide gauge was relocated to Quarry Bay due to reclamation at North Point in 1985.

*The tide gauges used at Tai Po Kau and Quarry Bay have been changed from Float type to Sea Level Pressure Transducer starting from March 2006 and June 2017 respectively. The tide gauges used at Shek Pik and Tai Miu Wan have been changed from Pneumatic to Sea Level Pressure Transducer starting from September 2018.

[&] Waglan Island tide station was damaged by Super Typhoon Mangkhut, the measurement of sea level and sea surface temperature at the station has been temporarily suspended since 16 September 2018.

3. INSTRUMENTS AND METHODS OF OBSERVATION

Figures 2 to 4 are sketch maps of the Hong Kong Observatory Headquarters, King's Park Meteorological Station and the meteorological garden at the Hong Kong International Airport respectively showing the locations of the instruments as at 31 December 2021. The panoramic view of these three stations are shown in Figure 5. The following paragraphs describe the procedures adopted for measuring various meteorological elements in 2021.

SURFACE OBSERVATIONS

Atmospheric Pressure

At the Hong Kong Observatory, atmospheric pressure was measured using a Setra Model 470 digital pressure gauge. At the Hong Kong International Airport, 3 units of Setra 470 digital pressure gauge were used in the measurement of atmospheric pressure and the median value of these three units was used in the reporting. At King's Park, atmospheric pressure was measured using a Setra Model 270 pressure gauge. As for the back-up instruments, a Setra Model 470 and a Setra Model 270 digital pressure gauge served as back-up for the Hong Kong Observatory and King's Park respectively. A PTB 330 digital pressure gauge was used as the first backup at the Airport Meteorological Office at the Hong Kong International Airport and PAB Mark II barometer was used as the second backup.

Air Temperature, Wet-bulb Temperature, Dew Point Temperature, Vapour Pressure and Relative Humidity

Surface observations of air temperature (dry-bulb temperature), wet-bulb temperature, dew point temperature, vapour pressure and relative humidity were taken or computed at the Hong Kong Observatory and the Airport Meteorological Office at the Hong Kong International Airport.

At the Observatory, dry-bulb and wet-bulb temperatures were measured by platinum resistance thermometers placed about 1.2 metres above ground level in an open shed with a roof made of two separate layers of matting. The open shed arrangement is more satisfactory than a Stevenson screen which is liable to overheat in hot calm weather. A comparison between temperatures measured in the shed and in the screen was made in 1978 and the results were published in ref. [2].

Maximum and minimum temperatures were recorded at the Observatory using the same platinum resistance thermometers. Conventional mercury-in-glass maximum and minimum thermometers were similarly exposed in the open shed as back-up.

In 1988, vapour pressure, relative humidity and dew-point temperature were computed from readings of dry-bulb and wet-bulb temperatures using the modified Hooper's method (ref. [3]).

At the Hong Kong International Airport, dry-bulb and wet-bulb temperatures were measured by a Thies psychrometer while dew point temperature and relative humidity were derived from these temperature readings.

In 2021, the Observatory installed Vaisala HMP 155 relative humidity probe at some of the automatic weather stations to directly measure the relative humidity and ceased the measurement of wet-bulb temperatures at these stations accordingly.

Wind

At the Hong Kong Observatory and King's Park, winds were recorded by Met One Instruments WS-201 anemometers. Hourly prevailing wind directions and mean speeds are values for the 60 minutes ending on each hour. Prevailing wind directions, whether daily or monthly are obtained from the frequency distribution of wind direction by applying a 5-term binomial weighting factor (1-4-6-4-1). The results are not necessarily the modal directions.

At the Hong Kong International Airport, winds were recorded by sets of Thies anemometer and wind vane.

Since Waglan Island is better exposed geographically and not directly affected by urbanization, the wind recorded there is more representative of the general wind flow over Hong Kong. A Munro Instruments Mk 4 cup-generator anemometer 83 metres above mean sea-level was used as the station anemometer.

At other automatic weather stations, winds were recorded either by Met One Instruments WS-201 anemometer, Munro Instruments Mk 4 cup-generator anemometer or Thies wind transmitter and direction transmitter.

Wind data at the Hong Kong International Airport, Waglan Island and all automatic weather stations were processed in a similar way as for the Observatory.

Amount of Cloud

Visual observations of cloud type and amount, and estimates of the height of cloud base were made half-hourly by qualified aeronautical meteorological observers at the Hong Kong International Airport. Observations of cloud amount were made hourly at the Hong Kong Observatory.

Six units of laser ceilometers were operated inside and around the Hong Kong International Airport. They were used to measure cloud base heights and such data were provided to the aviation weather observers for reference.

Duration of Sunshine

Since 1885, duration of sunshine was measured with a Campbell-Stokes recorder installed on the rooftop of 1883 Building at Observatory's Headquarters. Another Campbell-Stokes recorder was installed on the rooftop of a building at King's Park in July 1957. Starting 1961 and up to end of 2004, sunshine duration was measured by the Campbell-Stokes recorder at King's Park.

From 1 January 2005, duration of sunshine was recorded by sunshine duration meters of model CSD manufactured by Kipp & Zonen. The operating and back-up sunshine duration meters were installed on the roof of a building at King's Park at 6 metres above ground, i.e. 71 metres above mean sea-level. It is fully automatic and provides measurement of sunshine duration as defined by the World Meteorological Organization. Hourly record of sunshine duration refers to the duration in the 60-minute interval centred on the hour in local time.

Solar Radiation

Global solar radiation measurement started at the Observatory in 1958 using a bimetallic actinograph. In 1959 the instrument was moved to King's Park. Currently, global solar radiation at King's Park was measured using Kipp & Zonen thermopile radiometers. Global solar radiation measurement at Kau Sai Chau started in 2008 and was measured by an EKO thermopile radiometer. In 2018, this thermopile radiometer was replaced by the one manufactured by Kipp & Zonen.

Starting from 2010, direct and diffuse solar radiation were also measured at King's Park and Kau Sai Chau. At both stations, direct and diffuse solar radiations were all measured using EKO thermopile radiometers.

Global solar radiation was measured using a pyranometer, which was a radiometer that had a glass dome and had an unobscured hemispherical view of the sky. Direct solar radiation was measured using a pyrheliumeter, a radiometer with a 5° view and kept pointed accurately at the centre of the sun by an automatic sun tracker. Diffuse solar radiation was measured using a pyranometer also mounted on a sun tracker with a shading mechanism to block the direct solar radiation.

UV Radiation

The Observatory had been using a Yankee Environmental Systems broadband UVB-1 ultraviolet pyranometer for measuring the UV intensity at King's Park since 1999. The measured UVB irradiance includes both the UV radiation transmitted directly through the atmosphere and that scattered by atmospheric gases and aerosols. The sensor has a spectral response similar to the response of skin to UV radiation of different wavelengths. The measured intensity is then used to compute the UV Index. Please see ref. [4] for details of the calculation of UV Index. In addition, the Observatory had been using a Kipp & Zonen UVS-A-T radiometer to measure the intensity of UVA radiation since 2010. Real-time readings of UV Index and UVA radiation data are available at the Observatory website (see ref. [5]).

Grass Minimum and Soil Temperatures

Observations of grass minimum and soil temperatures were made at the Hong Kong Observatory and King's Park. The grass minimum thermometers were read daily at 08 hours, representing the overnight grass minimum temperature since 19 hours on the previous day. Observations of the soil temperature were made twice daily at 07 hours and 19 hours at depths of 0.05, 0.1, 0.2, 0.5, 1.0, 1.5 and 3.0 metres. Grass minimum and soil temperatures at the Observatory were automatically recorded by platinum resistance thermometers and read from a computer terminal display. At King's Park, platinum resistance thermometers were used for recording grass and soil temperatures automatically starting from 1 January 2009.

Automatic measurement of grass temperature at Ta Kwu Ling and Tai Mo Shan started in December 2006, and February 2008 respectively. At Kau Sai Chau, the automatic measurements of soil temperature (at depths of 0.05 and 0.1 metres) and grass temperature are available since June 2008 and March 2010 respectively. Platinum resistance thermometers were used for recording grass and soil temperatures at all three stations.

Evaporation

Manual measurements of evaporation were made at King's Park since 1958 using Class 'A' evaporation pans. Automation of the three evaporation pans (Pan No. 1 to 3) was implemented by phases since 2014, with automatic Pan No. 3, 2 and 1 commencing operation since December 2014, February 2015 and January 2018 respectively.

Currently, measurements of evaporation were made daily at King's Park at 11 hours Hong Kong Time. Readings from Pan No. 2 are used to compile the monthly values while those from Pan No. 1 and 3 serve as backup.

Starting from 1 January 2017, manual observations of 24-hour rainfall, evaporation pan water temperatures and wind movement were replaced by automatic measurements from SL3-1 tipping bucket rain gauge, platinum resistance thermometers and cup anemometer manufactured by Thies.

Potential Evapotranspiration

Manual measurements of potential evapotranspiration were made for three turfed plots at King's Park since 1951 using Lysimeter No. 1 to 3. Automation of the three Lysimeters was implemented by phases to replace human observations since 2014. Automatic Lysimeter No. 3, No. 1 and No. 2 commenced operation since May 2014, September 2014 and January 2016 respectively.

Currently, measurements of potential evapotranspiration were made at King's Park each day at 11 hours Hong Kong Time. Sometimes, high values of potential evapotranspiration were recorded, followed by negative values on the following days. These anomalous values, caused by delayed run-off on occasions of heavy rainfall, are included in the computation of the monthly figures. More information on potential evapotranspiration can be found in ref. [6].

Sea Surface Temperature

Sea surface temperatures were taken at the fire boat pier of North Point Fire Station twice daily at 07 hours and 14 hours by staff of the Fire Services Department. The mean depth of water at North Point Fire Station is about 6.5 metres.

Automatic measurements of sea surface temperature were made at Waglan Island by platinum resistance thermometer. The sea bottom slopes steeply to over 18 metres on all sides of the island, and the temperature may be taken as representative of the adjacent open coastal waters.

Automatic measurements of sea surface temperature were also made at the automatic weather buoys located to the east and west of the Hong Kong International Airport by platinum resistance thermometer. The mean sea depths to the east and west of the Hong Kong International Airport are about 11.5 metres and 7.4 metres respectively. The sea surface temperature sampling locations were kept at about 2 metres below sea surface.

Lightning and Thunderstorm

Qualified meteorological observers reported occasions of lightning and thunderstorm in their observations at hourly intervals at the Hong Kong Observatory and half-hourly at the Hong Kong International Airport.

Cloud-to-ground and cloud-to-cloud lightning strokes are detected by the Lightning Location Network over the Pearl River Estuary round the clock. The network was jointly established by the Hong Kong Observatory, the Guangdong Meteorological Services and the Macao Meteorological and Geophysical Bureau since 2005.

The Observatory enhanced and optimized the Lightning Location Network with new computer hardware and software and the new system was put into operation at end of May 2017.

In 2018, the Observatory established two new lightning detection stations at Chek Lap Kok and Dongao Island of Zhuhai. The new stations were also equipped with new model sensors. In addition, lightning sensors at four existing stations, namely Chung Hom Kok, Tsim Bei Tsui, Sha Tau Kok and Taipa in Macau, were also replaced with new sensors. Together with the original lightning detection stations at Sanshui, Huidong and Yangjiang in Guangdong, currently the network comprises nine stations. After trial run and optimization, the new lightning sensors were put into full operation in early 2019.

Lightning location is calculated using the time of arrival and direction of the electromagnetic waves generated by the lightning discharges as detected by the stations.

Visibility

Estimates of horizontal visibility were made hourly by qualified meteorological observers at the Hong Kong Observatory Headquarters.

The visibility readings at the Hong Kong International Airport in 2004 and before were based on hourly observations by qualified aeronautical meteorological observers. From 2005 onwards, the visibility readings at the Hong Kong International Airport were based on the average readings over the 10-minute period before the clock hour of the Vaisala FD12P visibility meter near the middle of the south runway. The change of the data source in 2005 is an improvement of the visibility assessment using instrumented observations following the international trend.

Vaisala FD12P visibility meters were used at Central Pier, Sai Wan Ho and Waglan Island to monitor round-the-clock the visibility of the Victoria Harbour and the southeastern part of the Hong Kong waters. The visibility readings were also based on the average visibility meter readings over the 10-minute period before the clock hour.

Rainfall

Hourly observations of rainfall were made manually at the Hong Kong Observatory Headquarters with an ordinary 203-mm rain gauge. These observations were checked against the records of automatic rain gauges nearby.

Hourly observations of rainfall were made at the Hong Kong International Airport with a set of three SL3-1 rain gauges and these three observations were checked against each other. Rainfall measurements were also taken twice daily at 09 hours and 15 hours with an ordinary 160-mm rain gauge nearby.

Automatic rain gauges are deployed by the Observatory at its automatic weather stations over the territory. The Geotechnical Engineering Office (GEO) and Drainage Services Department (DSD) also operate their networks of remote rain gauges with data accessible by the Observatory. Rainfall readings at 1 to 5-minute intervals are now available from different locations in the territory. Casella 100573E and SL3-1 tipping-bucket rain gauges are used at Hong Kong Observatory's automatic weather stations. These rain gauges record rainfall in units of 0.5 mm and 0.1 mm respectively. At King's Park and Hong Kong International Airport, SL3-1 tipping bucket rain gauges which record rainfall in units of 0.1 mm are used to measure rainfall since 4 March 2014 and 28 July 2014 respectively.

Rain gauges operated by voluntary observers are ordinary manual 127-mm rain gauges. Readings from most ordinary rain gauges are taken once a day at 15 hours.

Carbon Dioxide Concentration

The Observatory commenced measurement of outdoor carbon dioxide (CO₂) concentration with a LI-COR Biosciences LI-820 CO₂ Analyser at the King's Park Meteorological Station on 7 May 2009. The CO₂ Analyser was installed on the lawn of the station. It operates automatically round-the-clock to record the mean CO₂ concentration once every minute.

Since 26 October 2010, the Observatory has started using a LI-820 CO₂ Analyser to measure the outdoor CO₂ background concentration at Hok Tsui, D'Aguilar Peninsula, at the southeastern tip of Hong Kong Island. The analyser is located at the Background Air Monitoring Station of the Department of Civil and Structural Engineering of the Hong Kong Polytechnic University (PolyU). This work is a collaboration between the Observatory and PolyU.

The Observatory installed a newer model analyser, LI-840A CO₂ Analyser, in Environmental Protection Department's Cape D'Aguilar Supersite Air Quality Monitoring Station at Hok Tsui in August 2018 for trial operation to collect data. This station has officially replaced the original station as the data source for Hok Tsui since 1 January 2020. The LI-840A CO₂ Analyser at Hok Tsui has also been replaced officially by a LI-850 CO₂ Analyser since 27 February 2021. Furthermore, another newer model analyser, LI-850 CO₂ Analyser, was installed at the King's Park Meteorological Station in April 2020 for trial operation and officially replaced the analyser on 1 November 2020. These new analysers measure CO₂ as well as water vapour concentration in air. In this connection, moisture can be removed through post-processing of the data to obtain the more accurate CO₂ concentration in dry air.

During the initial stage of measurement, calibration of the Observatory's CO₂ analyser was carried out using the standard CO₂ gases which were traceable to the USA NIST Standard. Since 26 October 2010, these standard gases were replaced by the primary standard CO₂ gases provided by the National Oceanic and Atmospheric Administration (NOAA).

Both the CO₂ measurement stations at King's Park and Hok Tsui have been registered as regional stations under World Meteorological Organization's (WMO) Global Atmospheric Watch (GAW) programme. Background information of the measurements, measured data and the analysis of the CO₂ concentration at these two stations are available in ref. [7] and ref. [8]

Hong Kong Heat Index

Equipment developed by the Observatory for automatic measurement of dry bulb temperature (Ta), natural wet bulb temperature (Tnw) and globe temperature (Tg) was installed at the King's Park and Beas River Meteorological Stations. The dry bulb temperature is the ordinary air temperature measured by a temperature sensor shielded from direct sunshine. The natural wet bulb temperature is measured by a temperature sensor covered with a wetted wick and exposed to sunshine. The globe temperature is the temperature measured by a temperature sensor installed inside a black hollow globe made of copper. The data collected by these temperature sensors were used in the calculation of the Hong Kong Heat Index catering for the climate and environment of Hong Kong in support of the Observatory's services related to hot weather. The Hong Kong Heat Index is given by $0.80T_{nw} + 0.05T_g + 0.15T_a$. Hong Kong Heat Index of King's Park and Beas River are available at the Observatory website since 30 May 2014 and 14 August 2017 respectively (see ref. [9] and [10]).

UPPER-AIR OBSERVATIONS

To probe the upper atmosphere, the DigiCORA by Vaisala was in use from July 1993. A replacement upper-air sounding system capable of automatic balloon launching became operational in May 2004. During the sounding, the radiosonde rises with the balloon and is tracked continuously by the Global Positioning System (GPS), thus determining the upper-air winds. From 1 July 2006, Vaisala Type RS92 radiosonde was used for all upper-air soundings. The sensors for pressure, temperature and relative humidity in the Vaisala Type RS92 radiosonde are the silicon pressure sensor, thin wire thermocapacitor and humicap thin film capacitor respectively. Helium gas, in place of hydrogen, has been used to fill balloons for upper-air sounding operation since 2009. The automatic balloon launching system was upgraded in November 2016 to release new Vaisala Type RS41 radiosonde. RS41 radiosonde used platinum resistor to measure temperature and thin-film capacitor to measure relative humidity. Pressure is calculated from GPS data.

King's Park is the only upper-air station in Hong Kong. From 1 January 2007, regular upper-air soundings are made two times a day at 00 UTC and 12 UTC at King's Park. A wind profiler, in the place of a radio windsonde ascent, is used for the 06 UTC upper-air wind observation. The same wind profiler has already been used for the 18 UTC upper-air wind observation since 1 April 1999.

The Observatory has been launching balloon with frostpoint hygrometer monthly to measure upper-air water vapour content since October 2020, with a view to joining the global reference upper-air measurement network of the World Meteorological Organization.

TIDAL OBSERVATIONS

The tide gauges operated by the Observatory, usually installed at piers, measure the sea level in metre above the Chart Datum, which is 0.146 metre below the Hong Kong Principal Datum. Data resolution is one minute. Hourly sea level is computed by averaging the last five 1-minute data ending on the hour. Annual mean sea-levels are computed based on available hourly sea level data while other tidal statistics such as highest high water, lowest low water and maximum range are based on available 1-minute data.

4. DATA PRESENTATION

The paragraphs underneath give a brief account of the meteorological and climatological data contained in this publication. The Hong Kong Observatory, King's Park and Hong Kong International Airport are abbreviated as HKO, KP, and HKA respectively in some tables.

Annual wind roses for King's Park, Hong Kong International Airport, the Hong Kong Observatory and Waglan Island in 2021 are shown in Figure 6. As winds at Waglan Island are more representative of the general wind flow in Hong Kong, the monthly wind roses for Waglan Island are also presented in Figure 7.

Annual wind roses for automatic weather stations in Hong Kong in 2021 are also shown in Figure 8.

Figures 9 and 10 show the monthly mean temperature and monthly total rainfall recorded at the Hong Kong Observatory in 2021 respectively.

Figure 11 shows the comparison of annual mean/total of key meteorological elements in 2021 and climatological normals for Hong Kong (1991-2020).

Monthly and annual rainfall recorded at rainfall stations manned by voluntary observers are computed from daily readings taken manually at approximately 15 hours. Monthly sums are reckoned as beginning from 15 hours on the last day of the previous month and ending at 15 hours on the last day of the month specified. Figures 12 to 13 show the spatial distribution of monthly and annual rainfall over Hong Kong in 2021. The isohyet analysis of the maps makes reference to the data from manned rainfall stations, automatic weather stations with rainfall measurement and the remote raingauge networks of GEO and DSD as well as the HKO's radar data.

Monthly mean upper-air wind, temperature and relative humidity at different heights at 00 UTC in 2021 are presented in Figures 14 to 16.

Figure 17 shows the cloud-to-ground lightning density in Hong Kong in 2021.

The climatological normals of the monthly total rainfall and monthly mean temperature at the Hong Kong Observatory for the reference periods of 1961-1990, 1971-2000, 1981-2010 and 1991-2020 are shown in Figure 18.

Daily values of air temperatures, relative humidity, rainfall, atmospheric pressure and amount of cloud observed at the Hong Kong Observatory in 2021 are listed in Tables 1 to 7.

Daily values of duration of sunshine recorded at King's Park in 2021 are listed in Table 8.

Daily values of global, direct and diffuse solar radiation recorded at King's Park and Kau Sai Chau in 2021 are listed in Tables 9(a) to 9(f) respectively.

Daily maximum UV index recorded at King's Park in 2021 are listed in Table 10(a). Daily values of mean UV index between 7 a.m. and 6 p.m. recorded at King's Park in 2021 are listed in Table 10(b).

Daily maximum Hong Kong Heat Index recorded at King's Park and Beas River in 2021 are listed in Table 11(a) and 11(c) respectively. Daily values of mean Hong Kong Heat Index between 7 a.m. and 6 p.m. recorded at King's Park and Beas River in 2021 are listed in Table 11(b) and 11(d) respectively.

Daily values of prevailing wind recorded at Waglan Island in 2021 are listed in Table 12.

Monthly and annual values of meteorological elements at various locations in Hong Kong in 2021 are printed in Tables 13 and 14.

Monthly values of evaporation, potential evapotranspiration, grass minimum temperature and soil temperature in 2021 are shown in Table 15.

Monthly values of sea surface temperature in 2021 are tabulated in Table 16. Values at Waglan Island and the automatic weather buoys located to the east and west of the Hong Kong International Airport are computed from hourly readings while those at North Point are from readings at 07 hours and 14 hours only.

Some analyses were performed on the climatological data in 2021. In Table 17, number of days with specified rainfall amounts in 2021 together with number of days with lightning and number of days with thunder observed at the Hong Kong Observatory are shown. Daily number of cloud-to-ground and cloud-to-cloud lightning strokes detected over the Hong Kong territory in 2021 are shown in Tables 18(a) and 18(b) respectively.

Tables 19(a) and 19(b) present the monthly percentage frequency of visibility below specified values and the percentage of time with reduced visibility as observed respectively at the Hong Kong Observatory and the Hong Kong International Airport in 2021 respectively. Reduced visibility refers to visibility below 8 kilometres, when there is no fog, mist or precipitation. As there was no observation of the weather condition at Central Pier, Waglan Island and Sai Wan Ho, Tables 20(a) to 20(c) only present the respective monthly percentage frequency of visibility below specified values at these two stations in 2021.

Monthly and annual rainfall figures at manned rainfall stations and automatic weather stations with rainfall measurement only in 2021 are printed in Tables 21 and 22 respectively.

Monthly means of meteorological elements and selected meteorological parameters for Hong Kong for the 30-year periods 1961-1990, 1971-2000, 1981-2010 and 1991-2020 as well as the extreme values (1884-1939 and 1947-2021) of meteorological elements for Hong Kong are displayed in Tables 23 and 24.

The monthly mean values of upper wind, air temperature, dew point temperature and geopotential height recorded at standard levels in 2021 are tabulated in Table 25. All figures are based on the data collected from the ascents released at King's Park at 00 UTC each day.

Monthly and annual tidal statistics such as mean sea-level, highest high water, lowest low water, mean range and maximum range for Quarry Bay, Shek Pik, Tsim Bei Tsui, Tai Po Kau and Tai Miu Wan tide gauge stations in 2021 are listed in Tables 26(a) to 26(e). Meaning of these terms are given in ref. [11]. The mean value will not be computed when the percentage of data available for computation is less than 50%.

Only monthly summaries of meteorological data and daily values of selected elements are printed in this publication. More monthly and daily climate data are available from the Climatological Information Services webpage (<https://www.hko.gov.hk/en/cis/climat.htm>). Hourly surface meteorological data and tidal observation data, and upper-air radiosonde data at 00 and 12 UTC can be provided at cost upon request. Requests for such data and other analyses should be addressed to the Hong Kong Observatory at the following address:

Director of the Hong Kong Observatory
134A Nathan Road
Kowloon
Hong Kong
(Attention: Climatological Services Section)

email address : climat@hko.gov.hk

Data request form is available at the following URL:

<https://www.hko.gov.hk/en/cis/reqform.htm>

5. ACKNOWLEDGEMENT

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附件 APPENDIX

表 A 於二零二一年間運作的自動氣象站的位置及站內氣壓表、風速表和溫度計百葉箱、雨量計或能見度儀附近地面的海拔高度
 Table A – Positions of automatic weather stations operational in 2021 and elevations above mean sea-level of the barometer, anemometer and ground nearby the thermometer screen box, raingauge or visibility meter in the stations

自動氣象站 Automatic Weather Station	位置 Position		海拔高度(米) Elevation above mean sea-level (metres)		
	北緯 Latitude N	東經 Longitude E	氣壓表 barometer	風速表 anemometer	地面 ground
天文台 Hong Kong Observatory (HKO)	22°18'07"	114°10'27"	40	74	32
香港國際機場 Hong Kong International Airport (HKA)	22°18'34"	113°55'19"	7	14	6
沙田 Sha Tin (SHA)	22°24'09"	114°12'36"	13	16	6
黃茅洲 Huangmao Zhou (HMZ)	21°49'21"	113°57'28"	61	67	60
流浮山 Lau Fau Shan (LFS)	22°28'08"	113°59'01"	36	50	31
打鼓嶺 Ta Kwu Ling (TKL)	22°31'43"	114°09'24"	14	28	15
大帽山 Tai Mo Shan (TMS)	22°24'38"	114°07'28"	940	966	955
大老山 Tate's Cairn (TC)	22°21'28"	114°13'04"	576	587	572
黃麻角(赤柱) Bluff Head (Stanley) (BHD)	22°11'51"	114°12'43"	...	103	94
黃竹坑 Wong Chuk Hang (HKS)	22°14'52"	114°10'25"	...	30	5
橫瀾島 Waglan Island (WGL)	22°10'56"	114°18'12"	60	83	56
青洲 Green Island (GI)	22°17'06"	114°06'46"	...	107	88
將軍澳 Tseung Kwan O (JKB)	22°18'57"	114°15'20"	...	52	38
長洲 Cheung Chau (CCH)	22°12'04"	114°01'36"	79	99	72
京士柏 King's Park (KP)	22°18'43"	114°10'22"	66	90	65
平洲 Ping Chau (EPC)	22°32'48"	114°25'42"	...	39	29
吉澳 Kat O (KAT)	22°32'11"	114°18'07"	...	...	10
大美督 Tai Mei Tuk (PLC)	22°28'31"	114°14'15"	...	71	51
沙螺灣 Sha Lo Wan (SLW)	22°17'28"	113°54'25"	52	71	61
西貢 Sai Kung (SKG)	22°22'32"	114°16'28"	...	32	4
塔門 Tap Mun (TAP)	22°28'17"	114°21'38"	...	...	15
鯽魚湖 Tsak Yue Wu (TYW)	22°24'10"	114°19'23"	...	...	5
沱灣列島 Tuoning Liedao (TUO)	22°28'11"	114°36'58"	103	108	102
石崗 Shek Kong (SEK)	22°26'10"	114°05'05"	25	26	16
內伶仃 Neilingding (NLD)	22°25'30"	113°47'18"	101	120	100
外伶仃 Wailingding (WLD)	22°06'07"	114°01'30"	41	43	40
彌勒山 Nei Lak Shan (NLS)	22°15'48"	113°54'40"	747	757	747
啟德 Kai Tak (SE)	22°18'35"	114°12'48"	...	16	3
大埔 Tai Po (TPO)	22°26'46"	114°10'44"	16	...	15
自動氣象浮標 1 號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West) (WB1)	22°18'17"	113°52'45"	6	9	...
昂坪 Ngong Ping (NGP)	22°15'31"	113°54'46"	...	607	593
自動氣象浮標 2 號 (香港國際機場西面) Automatic Weather Buoy No.2 (Hong Kong International Airport, West) (WB2)	22°17'28"	113°52'56"	6	9	...
山頂 The Peak (VPI)	22°15'51"	114°09'18"	...	...	406
自動氣象浮標 4 號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East) (WB4)	22°19'37"	113°56'55"	6	9	...
坪洲 Peng Chau (PEN)	22°17'28"	114°02'36"	35	47	34
上水 Sheung Shui (SSH)	22°30'07"	114°06'40"	11	...	10
中環碼頭 Central Pier (CPI)	22°17'20"	114°09'21"	...	30	19
濕地公園 Wetland Park (WLP)	22°28'00"	114°00'32"	5	15	4
荃灣可觀 Tsuen Wan Ho Koon (TWN)	22°23'01"	114°06'28"	...	...	142
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home (TU1)	22°23'09"	113°57'51"	...	...	28
香港公園 Hong Kong Park (HKP)	22°16'42"	114°09'44"	...	...	26
筲箕灣 Shau Kei Wan (SKW)	22°16'54"	114°14'10"	...	...	53
九龍城 Kowloon City (KLT)	22°20'06"	114°11'05"	...	...	92
滘西洲 Kau Sai Chau (KSC)	22°22'13"	114°18'45"	...	...	39
跑馬地 Happy Valley (HPV)	22°16'14"	114°11'01"	...	...	5
黃大仙 Wong Tai Sin (WTS)	22°20'22"	114°12'19"	...	...	21
赤柱 Stanley (STY)	22°12'51"	114°13'07"	...	...	31
觀塘 Kwun Tong (KTG)	22°19'07"	114°13'29"	...	...	90
西灣河 Sai Wan Ho (SWH)	22°17'08"	114°13'33"	...	...	13
深水埗 Sham Shui Po (SSP)	22°20'09"	114°08'13"	...	...	11
新青衣站 New Tsing Yi Station (TY1)	22°20'39"	114°06'36"	...	...	8
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden (KFB)	22°25'58"	114°07'15"	...	...	307
荃灣城門谷 Tsuen Wan Shing Mun Valley (TW)	22°22'32"	114°07'36"	...	...	35
南丫島 Lamma Island (LAM)	22°13'34"	114°06'31"	...	17	7
自動氣象浮標 8 號 (香港國際機場東面) Automatic Weather Buoy No.8 (Hong Kong International Airport, East) (WB8)	22°18'21"	113°57'14"	6	9	...
上水雙魚河 Beas River (BR1)	22°29'36"	114°06'18"	...	...	11
啟德跑道公園 Kai Tak Runway Park (SE1)	22°18'17"	114°13'01"	...	...	4
元朗公園 Yuen Long Park (YLP)	22°26'27"	114°01'06"	...	...	8
清水灣 Clear Water Bay (CWB)	22°15'48"	114°17'59"	...	...	66
大隴 Tai Lung (TLS)	22°29'05"	114°07'03"	...	...	21

... 沒有測量

... Not measured

表 A (續) 於二零二一年間運作的自動氣象站的位置及站內風速表或雨量計的海拔高度

Table A (cont'd) – Positions and elevations above mean sea-level of the anemometer or raingauge of automatic weather stations operational in 2021

自動氣象站 Automatic Weather Station	風速表/雨量計 位置 Anemometer/Raingauge Position		海拔高度(米) Elevation above mean sea-level (metres)
	北緯 Latitude N	東經 Longitude E	風速表 anemometer
<u>只測風 With wind measurement only</u>			
屯門政府合署 Tuen Mun Government Offices (TUN)	22°23'26"	113°58'36"	69
九龍天星碼頭 Star Ferry (Kowloon) (SF)	22°17'35"	114°10'07"	18
青衣島蜆殼油庫 Shell Oil Depot (SHL)	22°20'48"	114°05'11"	43
大磨刀 Tai Mo To (TMT)	22°19'47"	113°58'00"	15
小蠔灣 Siu Ho Wan (SHW)	22°18'21"	113°58'45"	15
二東山 Yi Tung Shan (YTS)	22°15'33"	113°57'51"	752
沙洲 Sha Chau (SC)	22°20'45"	113°53'28"	31
北角 North Point (NP)	22°17'40"	114°11'59"	26
大澳 Tai O (TO)	22°15'22"	113°51'17"	105
長洲泳灘 Cheung Chau Beach (CCB)	22°12'39"	114°01'45"	27
大埔滘 Tai Po Kau (TPK)	22°26'33"	114°11'03"	11
塔門東 Tap Mun East (TME)	22°28'06"	114°21'47"	48
<u>只量度雨量 With rainfall measurement only</u>			
愉景灣 Discovery Bay (R12)	22°17'29"	114°00'33"	106
踏石角 Tap Shek Kok (R21)	22°22'45"	113°55'12"	28
尖鼻咀 Tsim Bei Tsui (R22)	22°29'11"	114°00'42"	8
大埔王肇枝中學 Tai Po Wong Shiu Chi Secondary School (R23)	22°26'44"	114°10'18"	23
沙頭角 Sha Tau Kok (R24) *	22°32'15"	114°12'40"	41
鶴咀 Cape D'Aguilar (R14)	22°12'34"	114°15'18"	45
西貢(香港三育書院) Hong Kong Adventist College, Sai Kung (R18)	22°18'27"	114°17'13"	122
凹頭 Au Tau (R28)	22°27'00"	114°03'11"	3
大美督抽水站 Tai Mei Tuk Pumping Station (R31)	22°28'42"	114°14'20"	24
落馬洲 Lok Ma Chau (R29)	22°30'42"	114°04'49"	67
鯽魚涌 Quarry Bay (QU1) #	22°17'28"	114°12'48"	7
青衣(青柏樓) Ching Pak House, Tsing Yi (CPH)	22° 20'53"	114° 06'33"	122
昂坪食水配水庫 Ngong Ping Fresh Water Reservoir (R11)	22°15'20"	113°54'41"	479
破邊洲 Po Pin Chau (PPC)	22°21'42"	114°22'17"	68
屯門食水主配水庫 Tuen Mun Fresh Water Primary Reservoir (TMR)	22°24'27"	113°59'14"	98
大灘訓練營 Tai Tan Camp (TTC)	22°26'07"	114°20'03"	19

* 沙頭角自動氣象站因應業務運作需要於2021年8月22日移至附近位置(由北緯22°32'15" 東經114°12'39"移至北緯22°32'15" 東經114°12'40")。

* Owing to operational needs, Sha Tou Kok (R24) automatic weather station was slightly relocated from 22°32'15" N, 114°12'39" E to 22°32'15" N, 114°12'40" E on 22 August 2021.

鯽魚涌自動氣象站因應業務運作需要於2021年1月4日將台站代號由R19改為QU1。

Owing to operational needs, the station code of Quarry Bay automatic weather station was changed from R19 to QU1 on 4 January 2021.

表 B 於二零二一年間運作的自動氣象站所測量的氣象要素

Table B – Meteorological measurements at the automatic weather stations operational in 2021

自動氣象站 Automatic Weather Station	氣象要素 Meteorological Element												
	WIND	RF	TEMP	WET	DEW	RH	MSLP	VIS	SST	GMT	SR	UV	HKHI
天文台 Hong Kong Observatory (HKO)	✓	✓	✓	✓	✓	✓	✓			✓			
香港國際機場 Hong Kong International Airport (HKA)	✓	✓	✓	✓	✓	✓	✓	✓					
沙田 Sha Tin (SHA)	✓	✓	✓	*	✓	✓	✓						
黃茅洲 Huangmao Zhou (HMZ)	✓	✓	✓				✓						
流浮山 Lau Fau Shan (LFS)	✓	✓	✓	*	✓	✓	✓						
打鼓嶺 Ta Kwu Ling (TKL)	✓	✓	✓	*	✓	✓	✓			✓			
大帽山 Tai Mo Shan (TMS)	✓	✓	✓	✓	✓	✓	✓			✓			
大老山 Tate's Cairn (TC)	✓	✓	✓	✓	✓	✓	✓						
黃麻角(赤柱) Bluff Head (Stanley) (BHD)	✓		✓										
黃竹坑 Wong Chuk Hang (HKS)	✓		✓	*	✓	✓							
橫瀾島 Waglan Island (WGL)	✓	✓	✓	*	✓	✓	✓	✓	✓				
青洲 Green Island (GI)	✓	✓											
將軍澳 Tseung Kwan O (JKB)	✓	✓	✓	*	✓	✓							
長洲 Cheung Chau (CCH)	✓	✓	✓	*	✓	✓	✓						
京士柏 King's Park (KP)	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
平洲 Ping Chau (EPC)	✓	✓	✓										
吉澳 Kat O (KAT)		✓	✓										
大美督 Tai Mei Tuk (PLC)	✓	✓	✓										
沙螺灣 Sha Lo Wan (SLW)	✓	✓	✓	✓	✓	✓	✓						
西貢 Sai Kung (SKG)	✓		✓	*	✓	✓							
塔門 Tap Mun (TAP)		✓	✓										
鯽魚湖 Tsak Yue Wu (TYW)		✓	✓	*	✓	✓							
沱灣列島 Tuoning Liedao (TUO)	✓	✓	✓				✓						
石崗 Shek Kong (SEK)	✓	✓	✓		✓	✓	✓						
內伶仃 Neilingding (NLD)	✓	✓	✓				✓						
外伶仃 Wailingding (WLD)	✓	✓	✓				✓						
彌勒山 Nei Lak Shan (NLS)	✓		✓	✓	✓	✓	✓						
啟德 Kai Tak (SE)	✓	✓											
大埔 Tai Po (TPO)			✓	*	✓	✓	✓						
自動氣象浮標 1 號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West) (WB1)	✓		✓		✓	✓	✓		✓				
昂坪 Ngong Ping (NGP)	✓		✓										
自動氣象浮標 2 號 (香港國際機場西面) Automatic Weather Buoy No.2 (Hong Kong International Airport, West) (WB2)	✓		✓		✓	✓	✓		✓				
山頂 The Peak (VP1)		✓	✓										
自動氣象浮標 4 號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East) (WB4)	✓		✓		✓	✓	✓		✓				
坪洲 Peng Chau (PEN)	✓	✓	✓	*	✓	✓	✓						
上水 Sheung Shui (SSH)		✓	✓	*	✓	✓	✓						
中環碼頭 Central Pier (CP1)	✓							✓					
濕地公園 Wetland Park (WLP)	✓	✓	✓	*	✓	✓	✓						
荃灣可觀 Tsuen Wan Ho Koon (TWN)		✓	✓	*	✓	✓							
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home (TU1)		✓	✓		✓	✓							
香港公園 Hong Kong Park (HKP)			✓										
筲箕灣 Shau Kei Wan (SKW)		✓	✓										
九龍城 Kowloon City (KLT)			✓										
瀆西洲 Kau Sai Chau (KSC)		✓	✓	*	✓	✓				✓	✓		
跑馬地 Happy Valley (HPV)		✓	✓										
黃大仙 Wong Tai Sin (WTS)			✓										
赤柱 Stanley (STY)			✓										
觀塘 Kwun Tong (KTG)			✓										
西灣河 Sai Wan Ho (SWH)								✓					
深水埗 Sham Shui Po (SSP)		✓	✓										
新青衣站 New Tsing Yi Station (TY1)			✓	*	✓	✓							
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden (KFB)		✓	✓										
荃灣城門谷 Tsuen Wan Shing Mun Valley (TW)			✓	*	✓	✓							
南丫島 Lamma Island (LAM)	✓	✓											
自動氣象浮標 8 號 (香港國際機場東面) Automatic Weather Buoy No.8 (Hong Kong International Airport, East) (WB8)	✓		✓		✓	✓	✓		✓				

DEW: 露點溫度 Dew Point Temperature

RF: 雨量 Rainfall

SST: 海面溫度 Sea Surface Temperature

VIS: 能見度 Visibility

GMT: 最低草溫 Grass Minimum Temperature

RH: 相對濕度 Relative Humidity

TEMP: 氣溫 Air Temperature

WET: 濕球溫度 Wet-bulb Temperature

HKHI: 香港暑熱指數 Hong Kong Heat Index

SR: 太陽輻射 Solar Radiation

UV: 紫外線 Ultraviolet

WIND: 風 Wind

MSLP: 平均海平面氣壓 Mean Sea Level Pressure

* 該自動氣象站所提供之相對濕度數據於2021年內改由相對濕度探頭量度，亦因而停止濕球溫度測量。

* The relative humidity data from these automatic weather stations were measured by relative humidity probe within 2021. The measurement of wet-bulb temperature was ceased accordingly.

表 B (續) 於二零二一年間運作的自動氣象站所測量的氣象要素

Table B (cont'd) – Meteorological measurements at the automatic weather stations operational in 2021

自動氣象站 Automatic Weather Station	氣象要素 Meteorological Element													
	WIND	RF	TEMP	WET	DEW	RH	MSLP	VIS	SST	GMT	SR	UV	HKHI	
上水雙魚河 Beas River in Sheung Shui (BR1)		✓	✓		✓	✓							✓	
啟德跑道公園 Kai Tak Runway Park (SE1)			✓											
元朗公園 Yuen Long Park (YLP)			✓											
清水灣 Clear Water Bay (CWB)			✓											
大隴 Tai Lung (TLS)			✓											
只測風 With wind measurement only														
屯門政府合署 Tuen Mun Government Offices (TUN)	✓													
九龍天星碼頭 Star Ferry (Kowloon) (SF)	✓													
青衣島蜆殼油庫 Shell Oil Depot (SHL)	✓													
大磨刀 Tai Mo To (TMT)	✓													
小蠔灣 Siu Ho Wan (SHW)	✓													
二東山 Yi Tung Shan (YTS)	✓													
沙洲 Sha Chau (SC)	✓													
北角 North Point (NP)	✓													
大澳 Tai O (TO)	✓													
長洲泳灘 Cheung Chau Beach (CCB)	✓													
大埔滘 Tai Po Kau (TPK)	✓													
塔門東 Tap Mun East (TME)	✓													
只量度雨量 With rainfall measurement only														
愉景灣 Discovery Bay (R12)		✓												
踏石角 Tap Shek Kok (R21)		✓												
尖鼻咀 Tsim Bei Tsui (R22)		✓												
大埔王肇枝中學 Tai Po Wong Shiu Chi Secondary School (R23)		✓												
沙頭角 Sha Tau Kok (R24)		✓												
鶴咀 Cape D'Aguiar (R14)		✓												
西貢(香港三育書院) Hong Kong Adventist College, Sai Kung (R18)		✓												
凹頭 Au Tau (R28)		✓												
大美督抽水站 Tai Mei Tuk Pumping Station (R31)		✓												
落馬洲 Lok Ma Chau (R29)		✓												
鯽魚涌 Quarry Bay (QU1) #		✓												
青衣(青柏樓) Ching Pak House, Tsing Yi (CPH)		✓												
昂坪食水配水庫 Ngong Ping Fresh Water Reservoir (R11)		✓												
破邊洲 Po Pin Chau (PPC)		✓												
屯門食水主配水庫 Tuen Mun Fresh Water Primary Reservoir (TMR)		✓												
大灘訓練營 Tai Tan Camp (TTC)		✓												

DEW: 露點溫度 Dew Point Temperature

RH: 相對濕度 Relative Humidity

UV: 紫外線 Ultraviolet

GMT: 最低草溫 Grass Minimum Temperature

SR: 太陽輻射 Solar Radiation

VIS: 能見度 Visibility

HKHI: 香港暑熱指數 Hong Kong Heat Index

SST: 海面溫度 Sea Surface Temperature

WET: 濕球溫度 Wet-bulb Temperature

MSLP: 平均海平面氣壓 Mean Sea Level Pressure

TEMP: 氣溫 Air Temperature

WIND: 風 Wind

RF: 雨量 Rainfall

鯽魚涌自動氣象站因應業務運作需要於2021年1月4日將台站代號由R19改為QU1。

Owing to operational needs, the station code of Quarry Bay automatic weather station was changed from R19 to QU1 on 4 January 2021.

表 C 於二零二一年間運作的自動氣象站代號及啟用日期

Table C – Station codes and dates of first operation of automatic weather stations operational in 2021

自動氣象站 Automatic Weather Station	台站代號 Station Code	啟用日期 Date of first operation
天文台 Hong Kong Observatory	HKO	10/07/1984
香港國際機場 Hong Kong International Airport	HKA	01/06/1997
沙田 Sha Tin	SHA	01/10/1984
黃茅洲 Huangmao Zhou	HMZ	10/07/1985
流浮山 Lau Fau Shan	LFS	16/09/1985
打鼓嶺 Ta Kwu Ling	TKL	14/10/1985
大帽山 Tai Mo Shan	TMS	08/12/1987
大老山 Tate's Cairn	TC	08/12/1987
黃麻角(赤柱) Bluff Head (Stanley)	BHD	01/01/1995
黃竹坑 Wong Chuk Hang	HKS	01/08/1989
橫瀾島 Waglan Island	WGL	22/08/1989
青洲 Green Island	GI	11/09/1989
將軍澳 Tseung Kwan O	JKB	01/12/1991
長洲 Cheung Chau	CCH	30/03/1992
京士柏 King's Park	KP	01/07/1992
平洲 Ping Chau	EPC	01/01/1993
吉澳 Kat O	KAT	01/01/1993
大美督 Tai Mei Tuk	PLC	01/01/1993
沙螺灣 Sha Lo Wan	SLW	25/02/1993
西貢 Sai Kung	SKG	03/03/1993
塔門 Tap Mun	TAP	15/09/1993
鯽魚湖 Tsak Yue Wu	TYW	01/10/1995
沱灣列島 Tuoning Liedao	TUO	13/08/1996
石崗 Shek Kong	SEK	04/11/1996
內伶仃 Neilingding	NLD	15/11/1996
外伶仃 Wailingding	WLD	31/10/1997
彌勒山 Nei Lak Shan	NLS	12/02/1998
啟德 Kai Tak	SE	04/09/1998
大埔 Tai Po	TPO	03/02/1999
自動氣象浮標 1 號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	WB1	07/12/2001
昂坪 Ngong Ping	NGP	01/01/2002
自動氣象浮標 2 號 (香港國際機場西面) Automatic Weather Buoy No.2 (Hong Kong International Airport, West)	WB2	16/08/2002
山頂 The Peak	VP1	17/02/2003
自動氣象浮標 4 號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	WB4	06/01/2004
坪洲 Peng Chau	PEN	01/06/2004
上水 Sheung Shui	SSH	09/07/2004
中環碼頭 Central Pier	CP1	20/12/2005
濕地公園 Wetland Park	WLP	10/11/2005
荃灣可觀 Tsuen Wan Ho Koon	TWN	25/04/2006
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home	TU1	01/01/2007
香港公園 Hong Kong Park	HKP	04/09/2007
筲箕灣 Shau Kei Wan	SKW	17/09/2007
九龍城 Kowloon City	KLT	11/04/2008
瀆西洲 Kau Sai Chau	KSC	03/07/2008
跑馬地 Happy Valley	HPV	01/12/2008
黃大仙 Wong Tai Sin	WTS	27/03/2009
赤柱 Stanley	STY	12/06/2009
觀塘 Kwun Tong	KTG	21/10/2009
西灣河 Sai Wan Ho	SWH	22/12/2009
深水埗 Sham Shui Po	SSP	09/03/2010
新青衣站 New Tsing Yi Station	TY1	23/08/2010
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden	KFB	01/12/2010
荃灣城門谷 Tsuen Wan Shing Mun Valley	TW	07/12/2010
南丫島 Lamma Island	LAM	25/07/2011
自動氣象浮標 8 號 (香港國際機場東面) Automatic Weather Buoy No.8 (Hong Kong International Airport, East)	WB8	01/01/2012
上水雙魚河 Beas River, Sheung Shui	BR1	06/12/2012

表 C (續) 於二零二一年間運作的自動氣象站代號及啟用日期
Table C (cont'd) – Station codes and dates of first operation of automatic weather stations operational in 2021

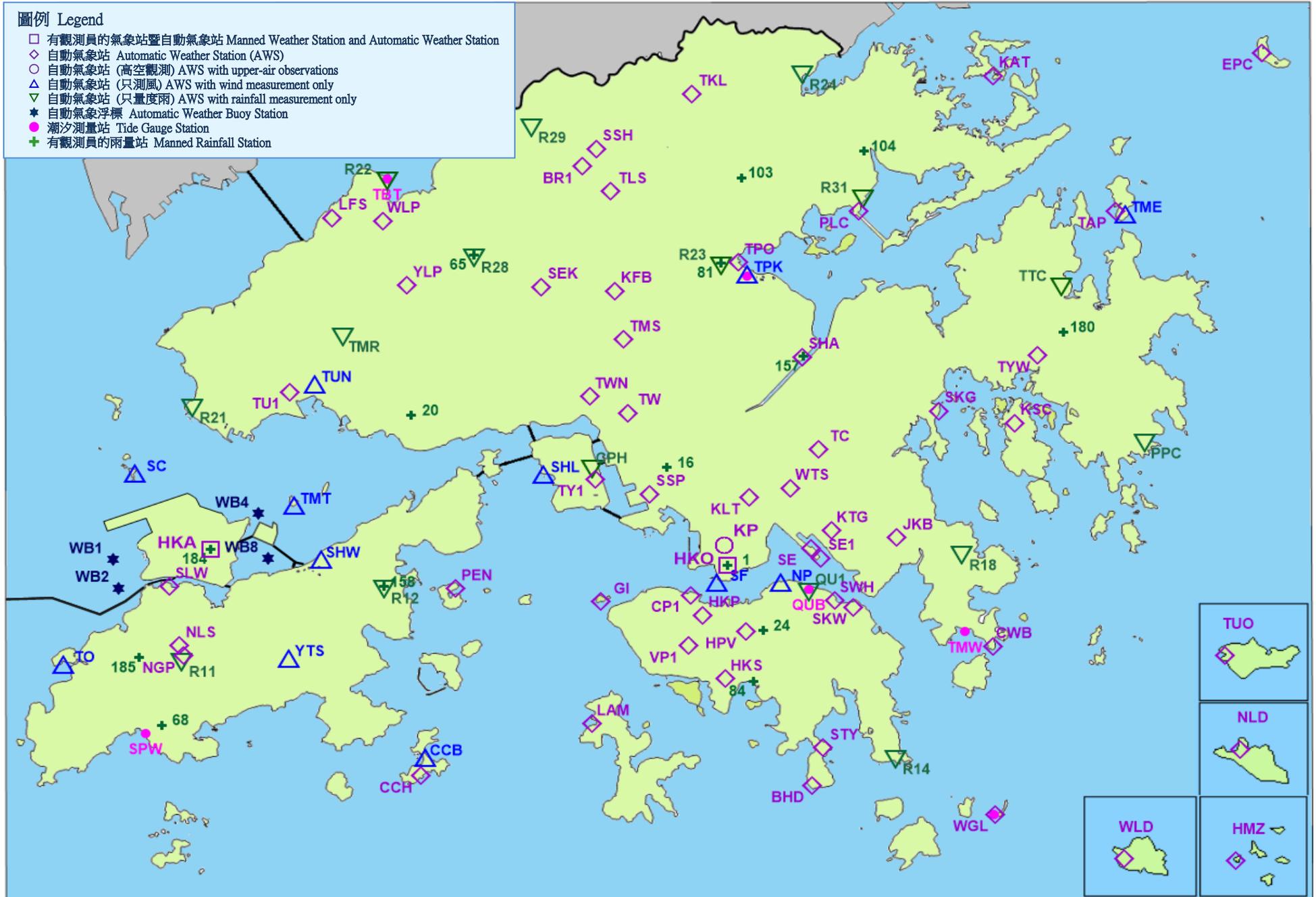
自動氣象站 Automatic Weather Station	台站代號 Station Code	啟用日期 Date of first operation
啟德跑道公園 Kai Tak Runway Park	SE1	17/12/2014
元朗公園 Yuen Long Park	YLP	20/03/2015
清水灣 Clear Water Bay	CWB	20/12/2018
大隴 Tai Lung	TLS	14/02/2020
<u>只測風 With wind measurement only</u>		
屯門政府合署 Tuen Mun Government Offices	TUN	23/10/1987
九龍天星碼頭 Star Ferry (Kowloon)	SF	15/12/1987
青衣島蜆殼油庫 Shell Oil Depot	SHL	01/12/1992
大磨刀 Tai Mo To	TMT	17/10/1997
小蠔灣 Siu Ho Wan	SHW	08/09/1997
二東山 Yi Tung Shan	YTS	30/10/1997
沙洲 Sha Chau	SC	22/11/1997
北角 North Point	NP	04/09/1998
大澳 Tai O	TO	24/05/2004
長洲泳灘 Cheung Chau Beach	CCB	14/09/2009
大埔滘 Tai Po Kau	TPK	01/12/2010
塔門東 Tap Mun East	TME	06/07/2017
<u>只量度雨量 With rainfall measurement only</u>		
愉景灣 Discovery Bay	R12	30/12/1984
踏石角 Tap Shek Kok	R21	30/12/1984
尖鼻咀 Tsim Bei Tsui	R22	30/12/1984
大埔王肇枝中學 Tai Po Wong Shiu Chi Secondary School	R23	30/12/1984
沙頭角 Sha Tau Kok	R24	30/12/1984
鶴咀 Cape D'Aguilar	R14	31/03/1985
西貢(香港三育書院) Hong Kong Adventist College, Sai Kung	R18	30/06/1985
凹頭 Au Tau	R28	30/06/1985
大美督抽水站 Tai Mei Tuk Pumping Station	R31	30/06/1985
落馬洲 Lok Ma Chau	R29	30/09/1985
鰂魚涌 Quarry Bay	QU1*	01/11/1992
青衣(青柏樓) Ching Pak House, Tsing Yi	CPH	19/08/2002
昂坪食水配水庫 Ngong Ping Fresh Water Reservoir	R11	01/09/2006
破邊洲 Po Pin Chau	PPC	01/04/2014
屯門食水主配水庫 Tuen Mun Fresh Water Primary Reservoir	TMR	01/01/2016
大灘訓練營 Tai Tan Camp	TTC	01/04/2017

* 鰂魚涌自動氣象站因應業務運作需要於2021年1月4日將台站代號由R19改為QU1。

* Owing to operational needs, the station code of Quarry Bay automatic weather station was changed from R19 to QU1 on 4 January 2021.

圖例 Legend

- 有觀測員的氣象站暨自動氣象站 Manned Weather Station and Automatic Weather Station
- ◇ 自動氣象站 Automatic Weather Station (AWS)
- 自動氣象站 (高空觀測) AWS with upper-air observations
- △ 自動氣象站 (只測風) AWS with wind measurement only
- ▽ 自動氣象站 (只量度雨) AWS with rainfall measurement only
- ★ 自動氣象浮標 Automatic Weather Buoy Station
- 潮汐測量站 Tide Gauge Station
- ⊕ 有觀測員的雨量站 Manned Rainfall Station

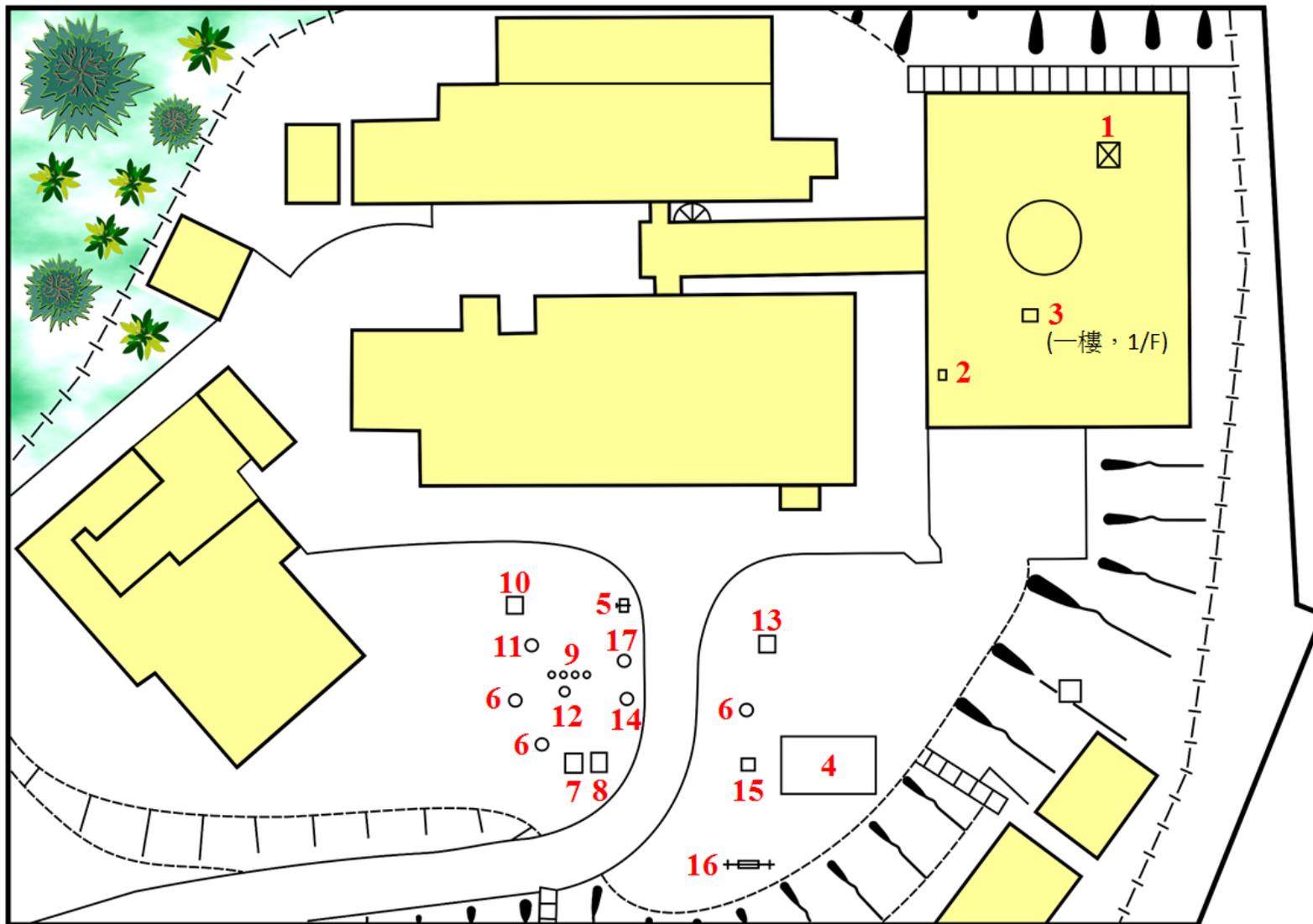


台站編碼/編號: 有觀測員的氣象站請參閱第 7 頁之列表; 自動氣象站及自動氣象浮標請參閱第 38 頁及 39 頁之表 C; 潮汐測量站請參閱第 9 頁之列表; 有觀測員的雨量站請參閱第 114 頁之表 21。

Station Code/No.: Please see table in page 24 for Manned Weather Stations, Table C in pages 38 and 39 for Automatic Weather Stations and Automatic Weather Buoy Stations, table in page 25 for Tide Gauge Stations and Table 21 in page 114 for Manned Rainfall

圖 1 氣象站、雨量站及潮汐測量站的位置圖 (二零二一年十二月三十一日)

Figure 1 Locations of Weather Stations, Rainfall Stations and Tide Gauge Stations as at 31 December 2021.



- | | |
|--|---|
| 1. 風速表 Anemometer | 9. 土壤溫度表 Soil Thermometers |
| 2. 降雨探測器 Precipitation Detector | 10. 查迪型降雨率測量器 Jardi Rate-of-rainfall Recorder |
| 3. 氣壓表 (一樓) Barometer (1/F) | 11. 降雨探測器 Precipitation Detector |
| 4. 溫度表 (開放棚架) Thermometers (Open Shed) | 12. 0.1毫米翻斗式雨量器 0.1mm Tipping-bucket Rain gauge |
| 5. 普通雨量器 Ordinary Rain gauge | 13. 溫度計百葉箱 Thermometer Screen Box |
| 6. 0.5毫米翻斗式雨量器 0.5mm Tipping-bucket Rain gauge | 14. 虹吸式雨量器 Tilting Siphon Rain gauge |
| 7. 最低草溫溫度表 Grass Minimum Thermometers | 15. 暑熱壓力測量系統 Heat Stress Monitoring System |
| 8. 土壤溫度表 Soil Thermometers | 16. 測雲器 Nephoscope |
| | 17. 秤重雨量計 Weighing Rain gauge |

圖 2 天文台總部的氣象儀器分布圖 (二零二一年十二月三十一日)

Figure 2 Locations of Meteorological Instruments at the Hong Kong Observatory Headquarters as at 31 December 2021

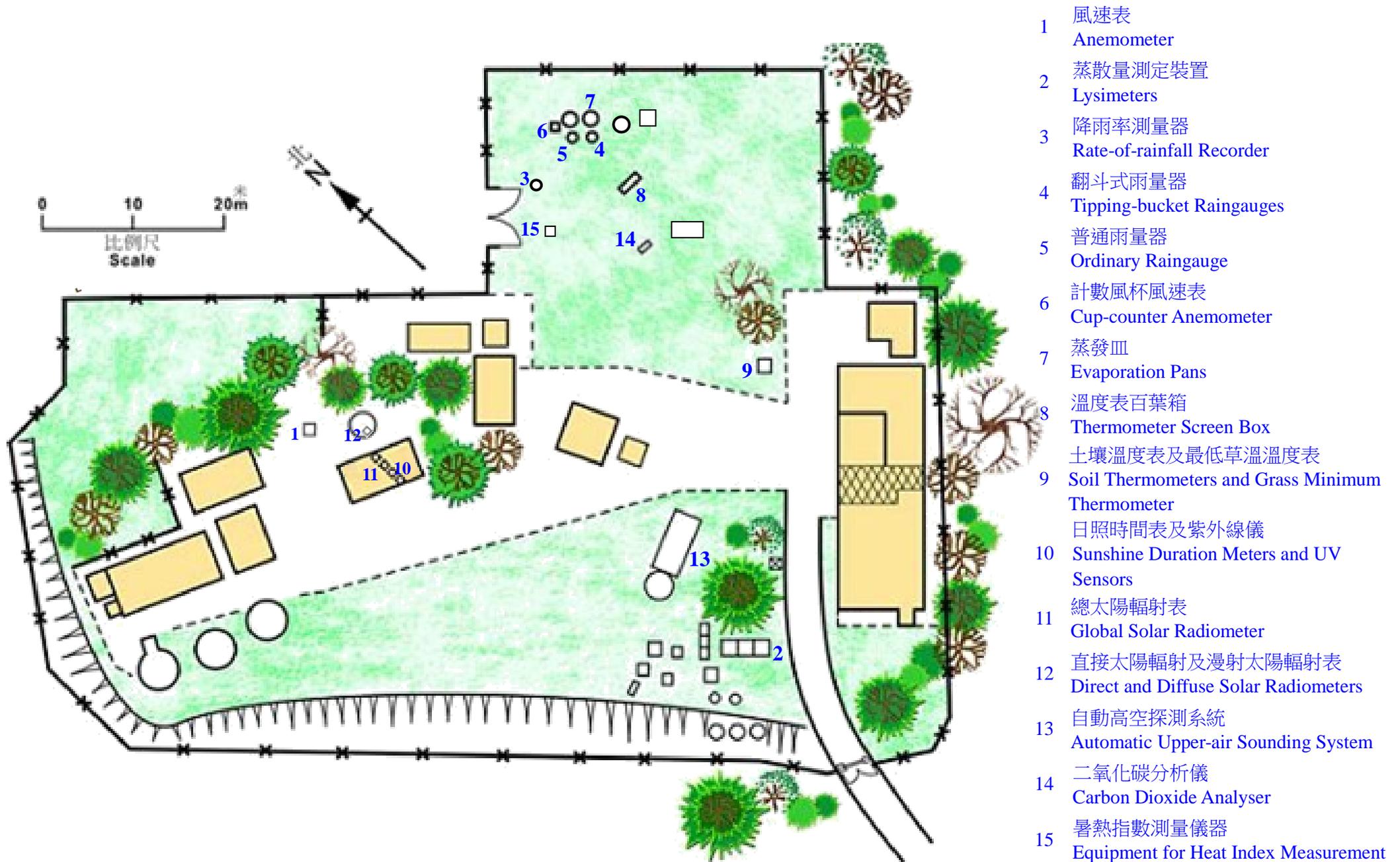


圖 3 京士柏氣象站的氣象儀器分布圖 (二零二一年十二月三十一日)

Figure 3 Locations of Meteorological Instruments at King's Park Meteorological Station as at 31 December 2021

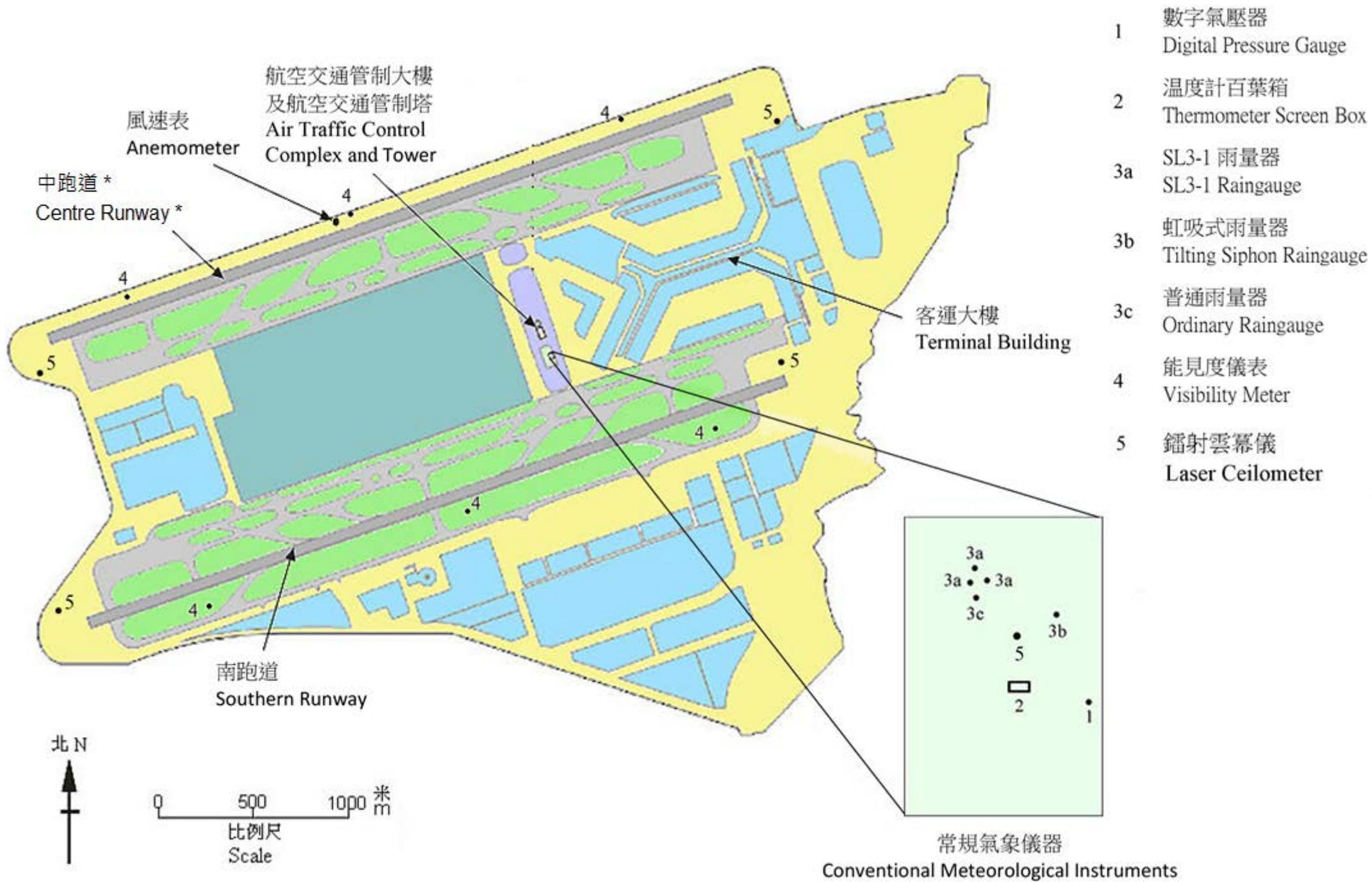


圖 4 香港國際機場航空氣象儀器分布圖 (二零二一年十二月三十一日)

Figure 4 Locations of Meteorological Instruments at the Hong Kong International Airport as at 31 December 2021

* 二零二一年十二月二日本港時間早上八時前稱為北跑道

* known as "North Runway" before 8:00 HKT on 2 December 2021



圖 5(a) 位於尖沙咀的香港天文台總部全景 (2021)
Figure 5(a) Panoramic view of the Hong Kong Observatory Headquarters in Tsim Sha Tsui (2021)

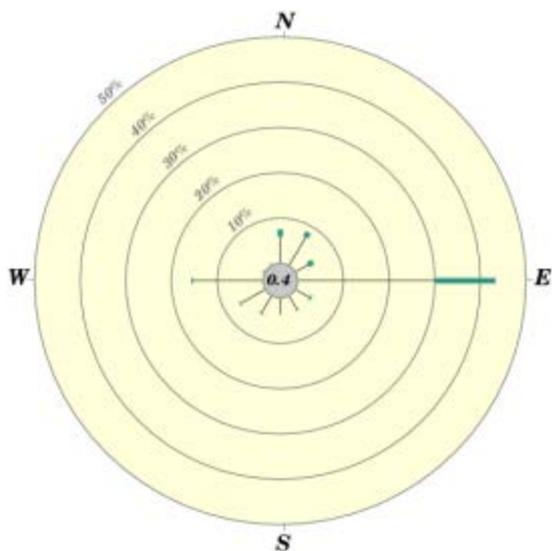


圖 5(b) 京士柏氣象站全景 (2021)
Figure 5(b) Panoramic view of King's Park Meteorological Station (2021)

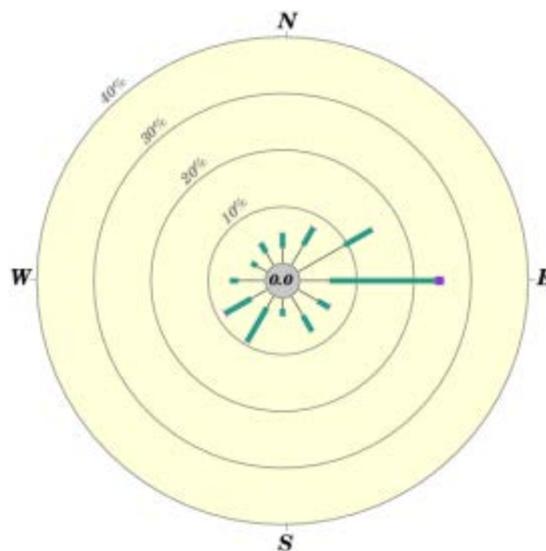


圖 5(c) 香港國際機場航空氣象觀測坪全景 (2021)
Figure 5(c) Panoramic view of meteorological garden at the Hong Kong International Airport (2021)

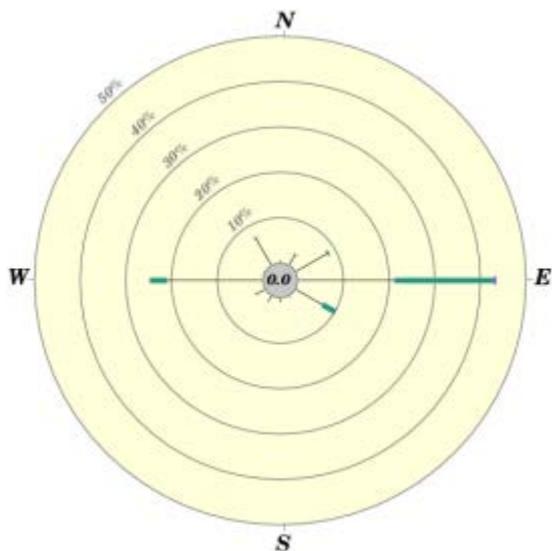
京士柏 King's Park



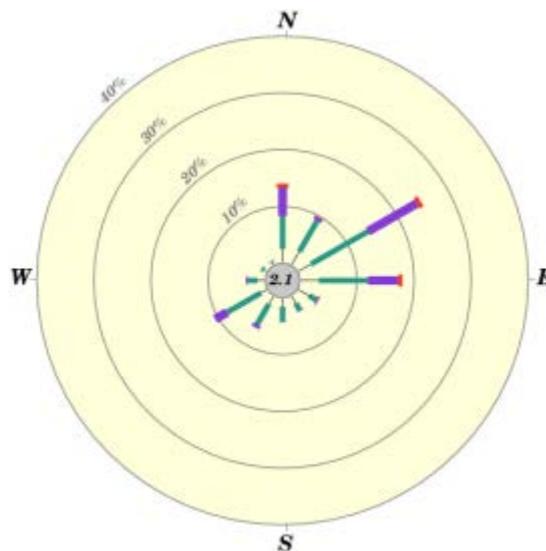
香港國際機場
Hong Kong International Airport



天文台 Hong Kong Observatory



橫瀾島 Waglan Island



圖例:
Legend:



2 - 12 13 - 30 31 - 51 > 51 公里/小時 km/h
1 - 2 3 - 4 5 - 6 > 6 蒲福氏風級 Beaufort force

風速 Wind Speed



小圓內的數字表示出現無風或風向不定之情況的頻率百分比
The number in the inner circle is the percentage frequency of occurrence of calm and variable winds

頻率百分比 Percentage Frequency

圖 6 京士柏、香港國際機場、天文台及橫瀾島於二零二一年的年風玫瑰圖
Figure 6 Annual wind roses for King's Park, Hong Kong International Airport, the Hong Kong Observatory and Waglan Island in 2021

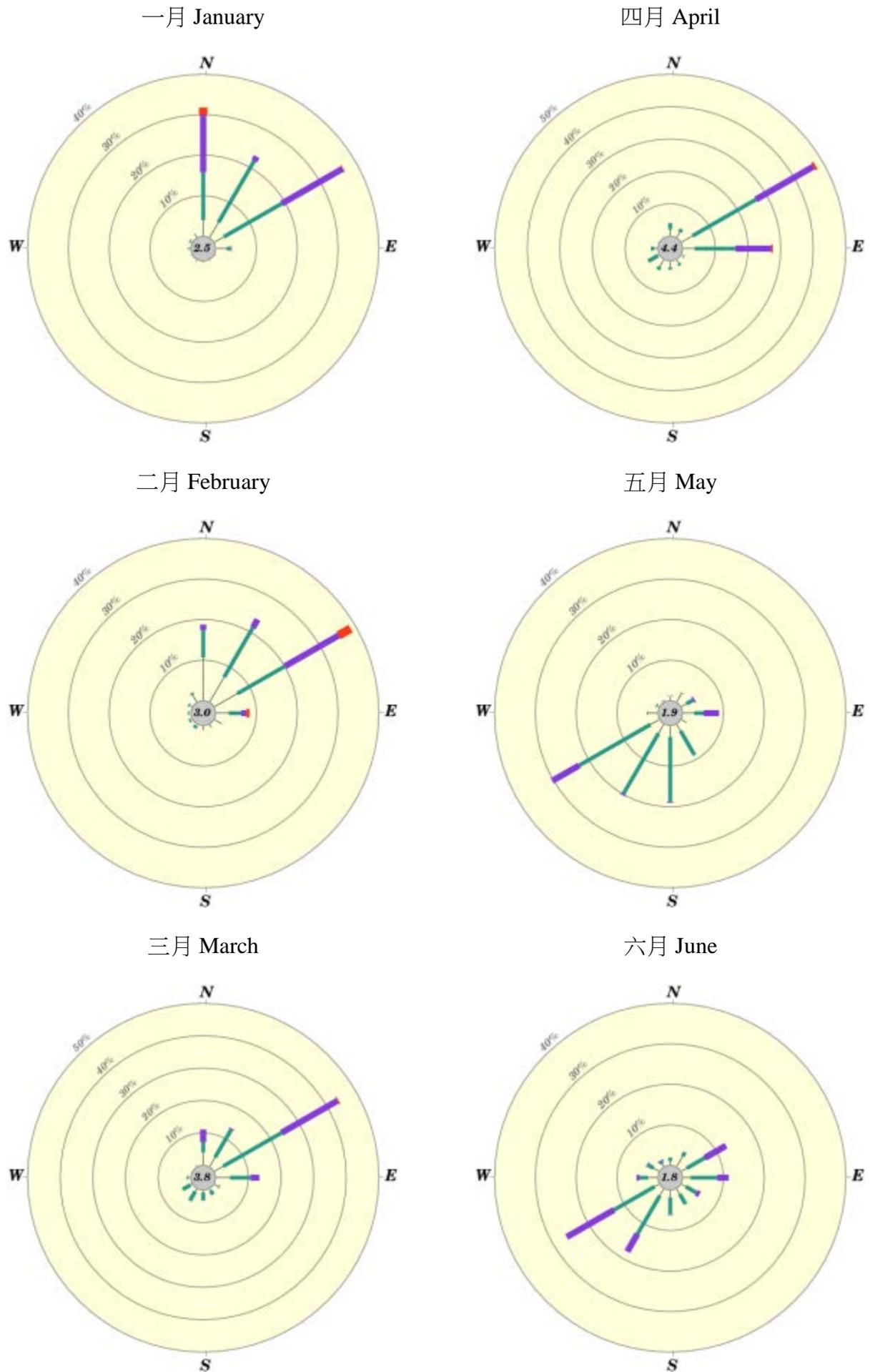


圖 7 橫瀾島於二零二一年每月的風玫瑰圖(一月至六月)

Figure 7 Monthly wind roses for Waglan Island in 2021 (January to June)

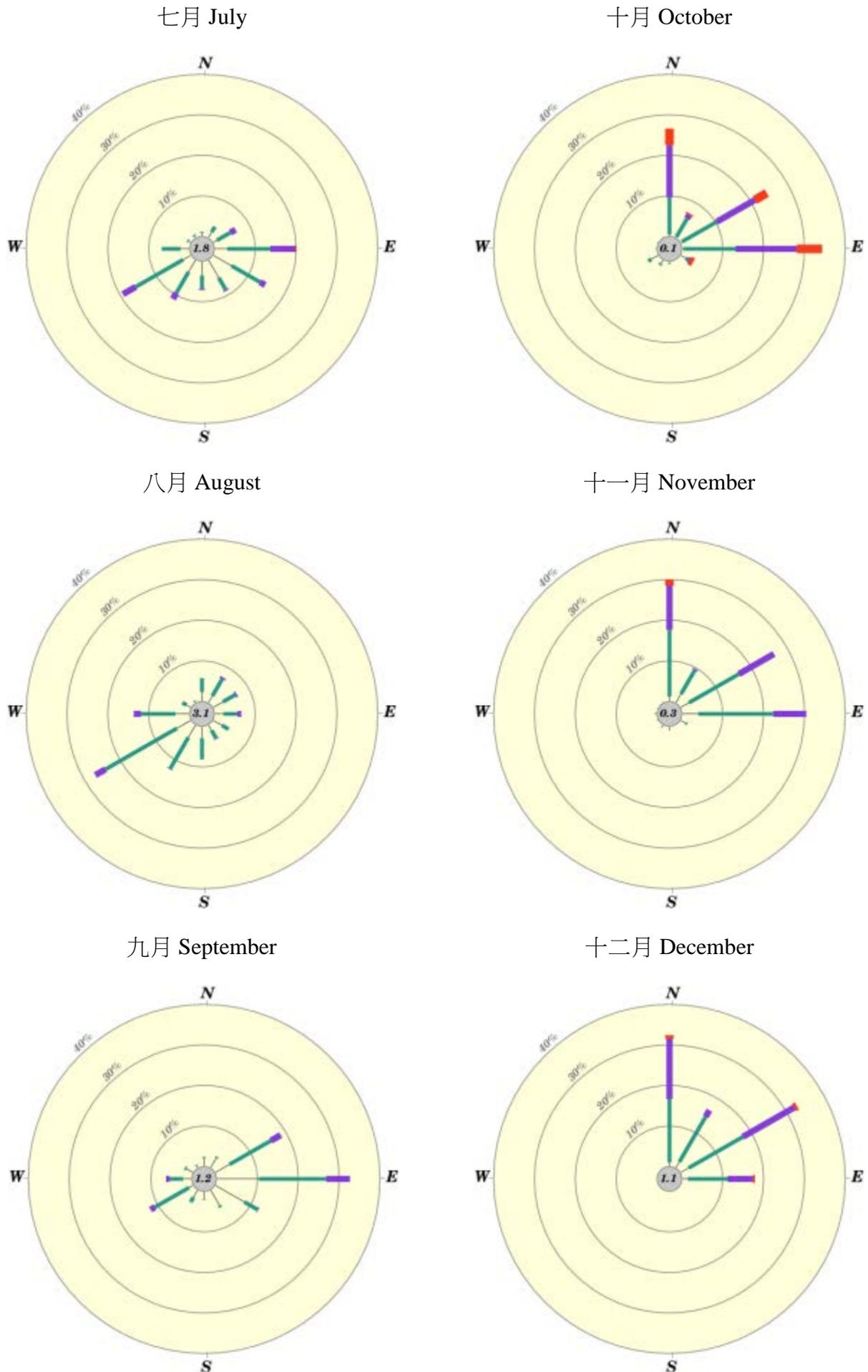


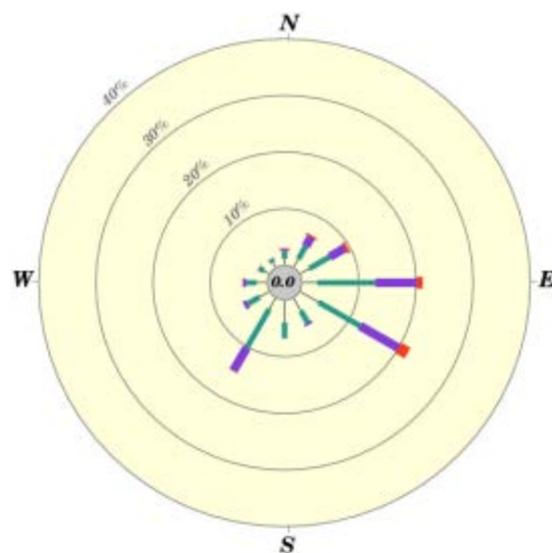
圖 7 (續) 橫瀾島於二零二一年每月的風玫瑰圖(七月至十二月)

Figure 7 (cont'd) Monthly wind roses for Waglan Island in 2021 (July to December)

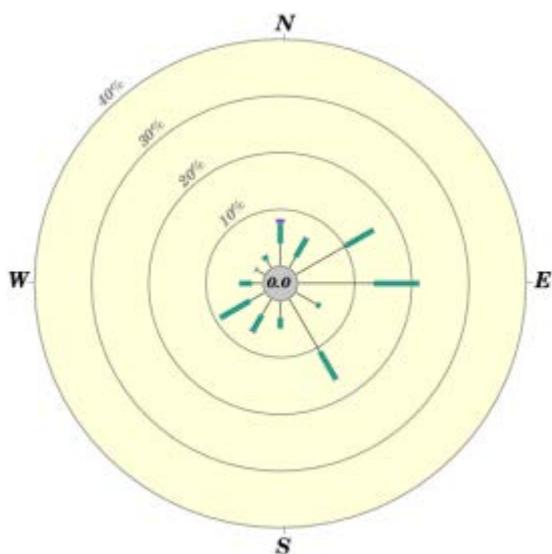
沙田 Sha Tin



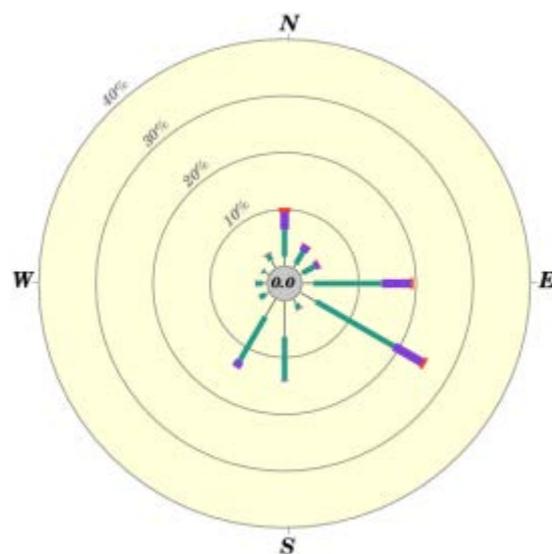
大帽山 Tai Mo Shan



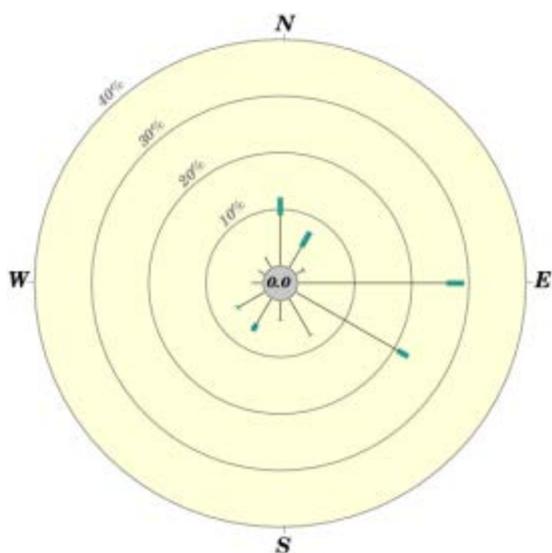
流浮山 Lau Fau Shan



大老山 Tate's Cairn



打鼓嶺 Ta Kwu Ling



黃麻角(赤柱) Bluff Head (Stanley)

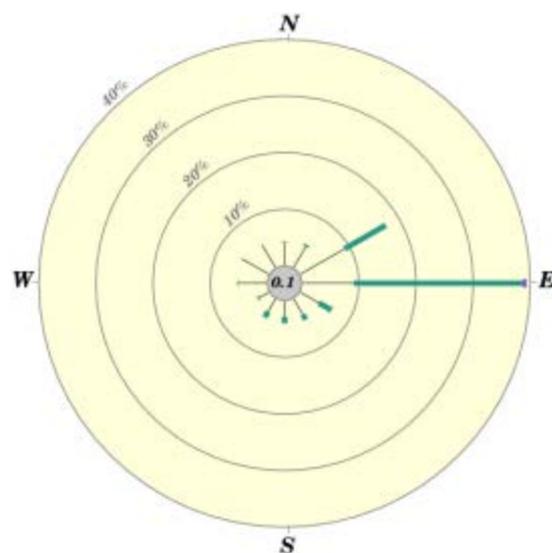
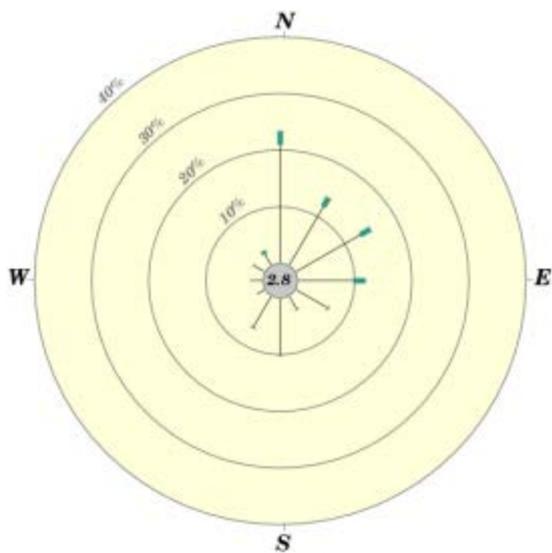


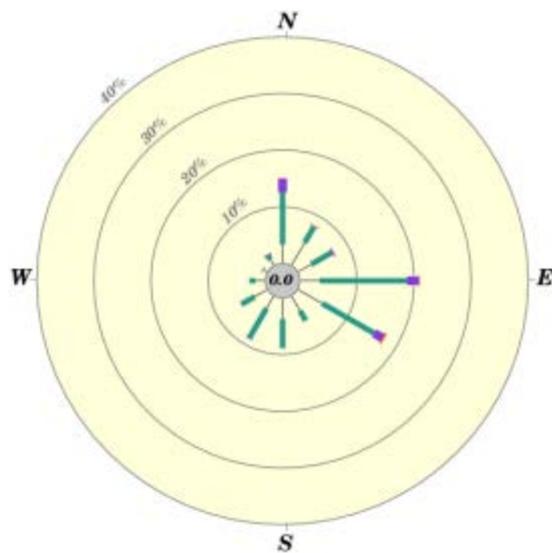
圖 8 自動氣象站於二零二一年的年風玫瑰圖

Figure 8 Annual wind roses for automatic weather stations in 2021

黃竹坑 Wong Chuk Hang



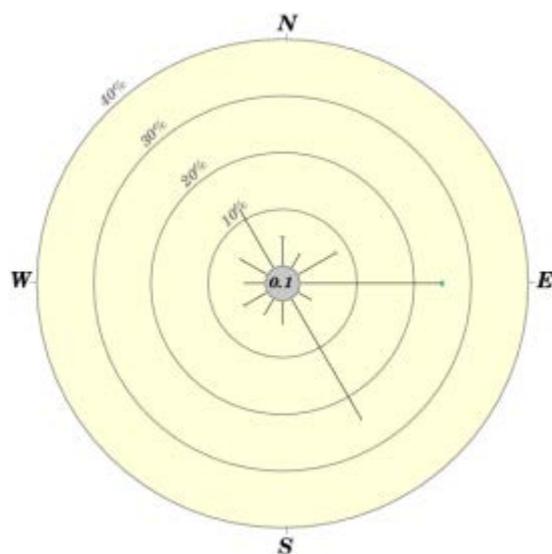
長洲 Cheung Chau



青洲 Green Island



平洲 Ping Chau



將軍澳 Tseung Kwan O



大美督 Tai Mei Tuk

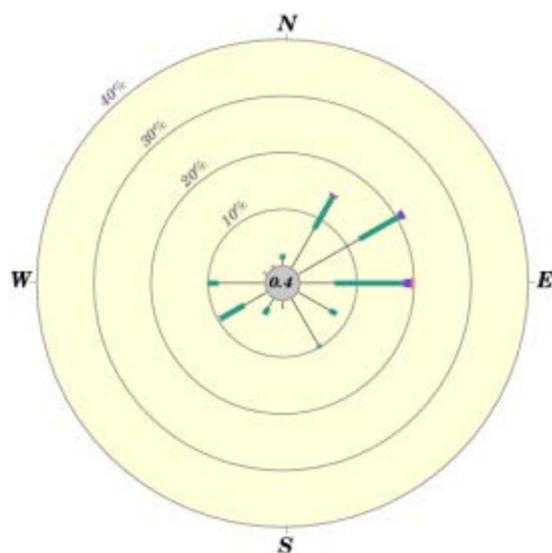
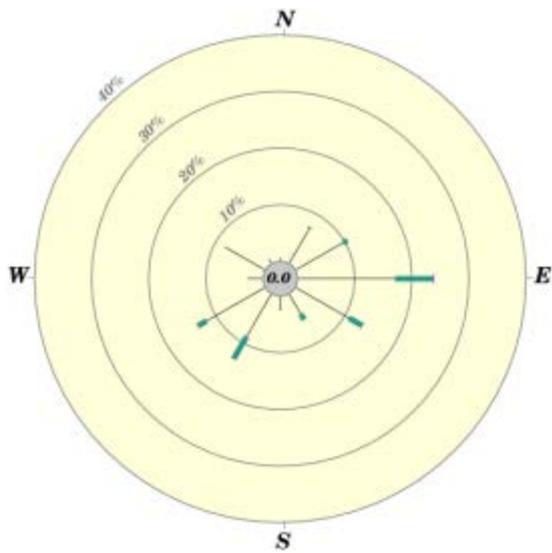


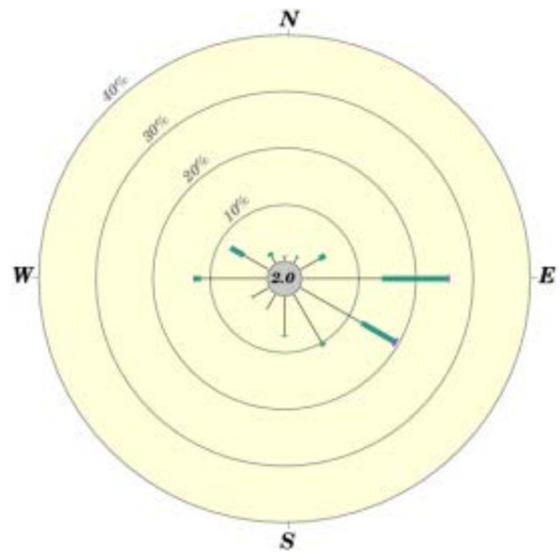
圖 8 (續) 自動氣象站於二零二一年的年風玫瑰圖

Figure 8 (cont'd) Annual wind roses for automatic weather stations in 2021

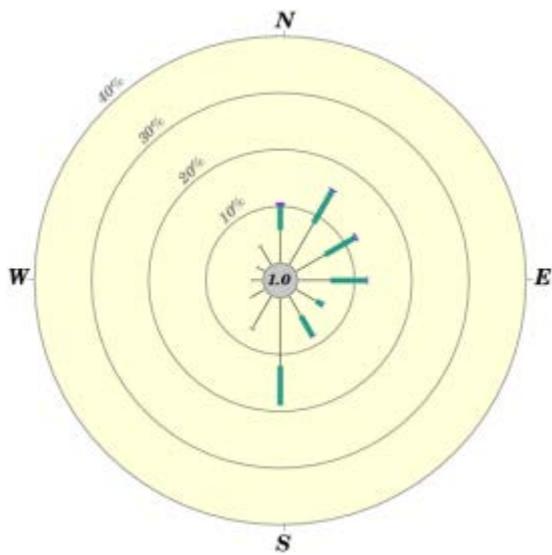
沙螺灣 Sha Lo Wan



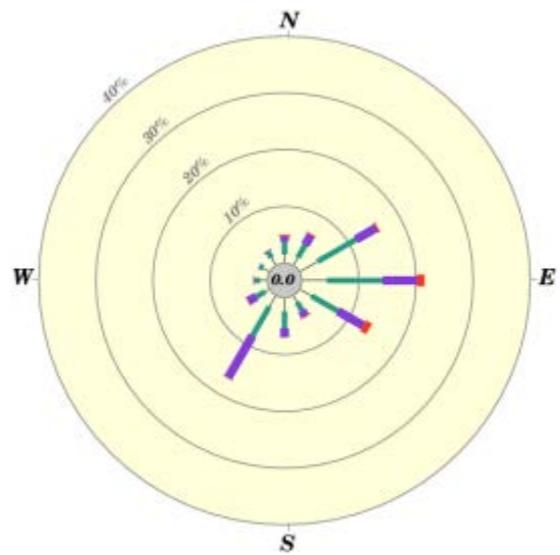
大埔滘 Tai Po Kau



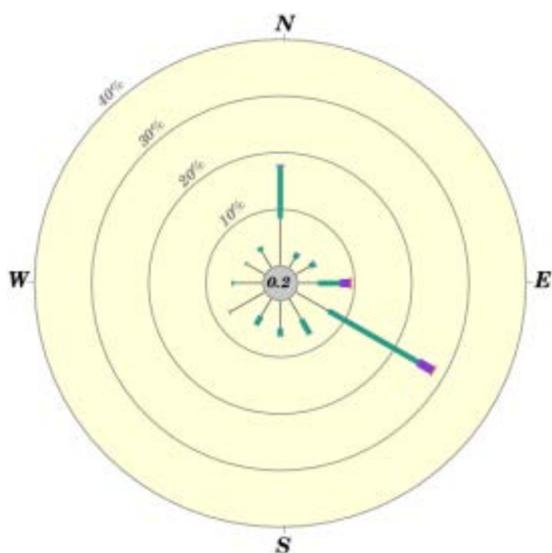
西貢 Sai Kung



彌勒山 Nei Lak Shan



塔門東 Tap Mun East



啟德 Kai Tak

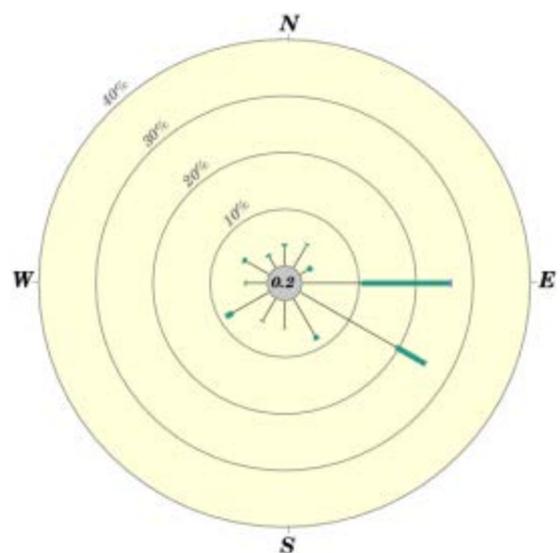
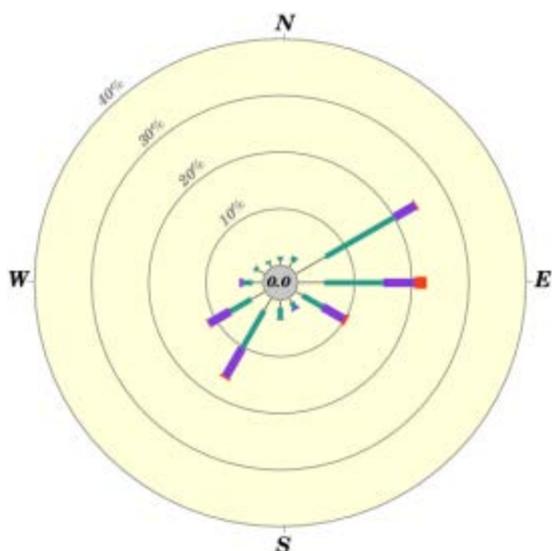


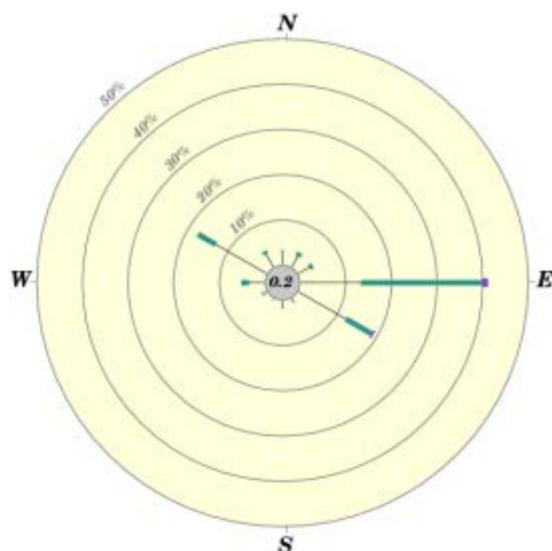
圖 8 (續) 自動氣象站於二零二一年的年風玫瑰圖

Figure 8 (cont'd) Annual wind roses for automatic weather stations in 2021

昂坪 Ngong Ping

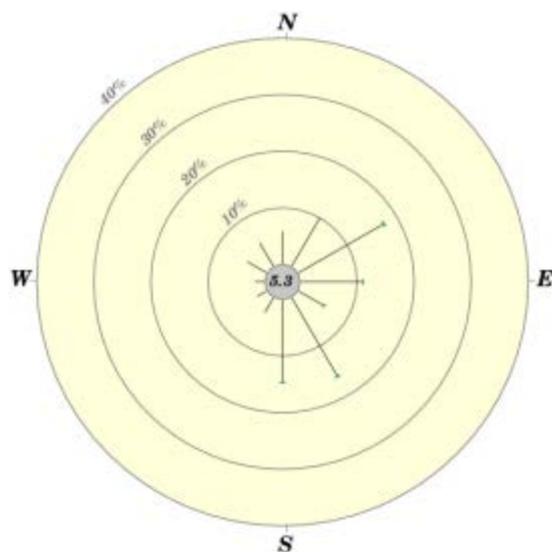
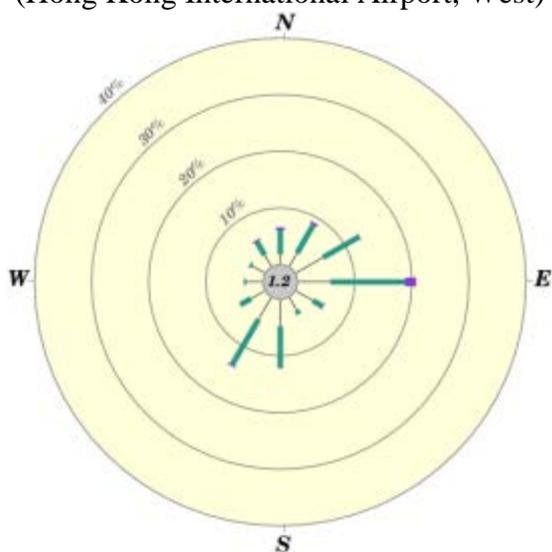


中環碼頭 Central Pier

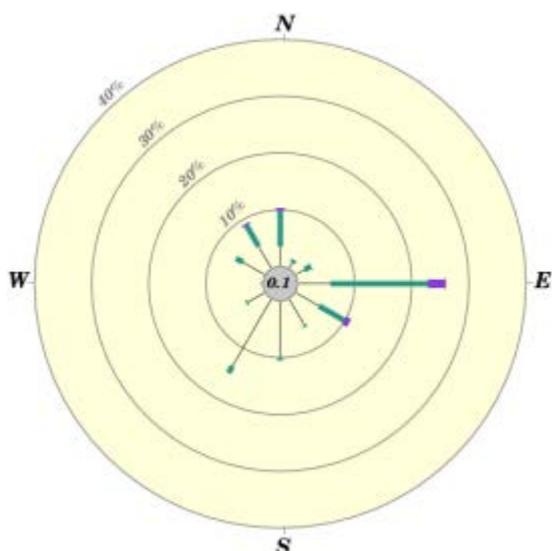


自動氣象浮標 1 號(香港國際機場西面)
Automatic Weather Buoy No.1
(Hong Kong International Airport, West)

濕地公園 Wetland Park



坪洲 Peng Chau



南丫島 Lamma Island

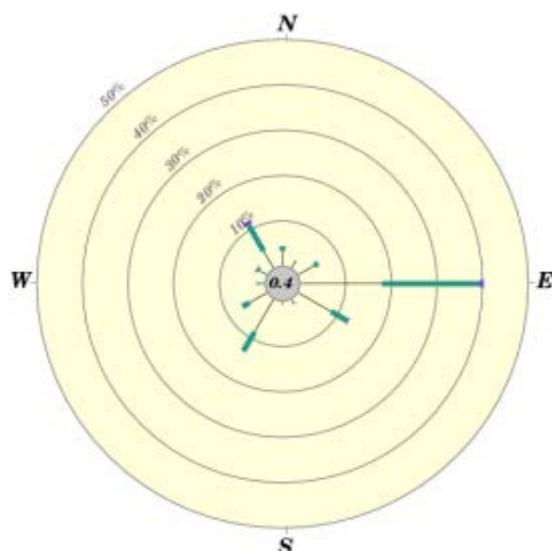
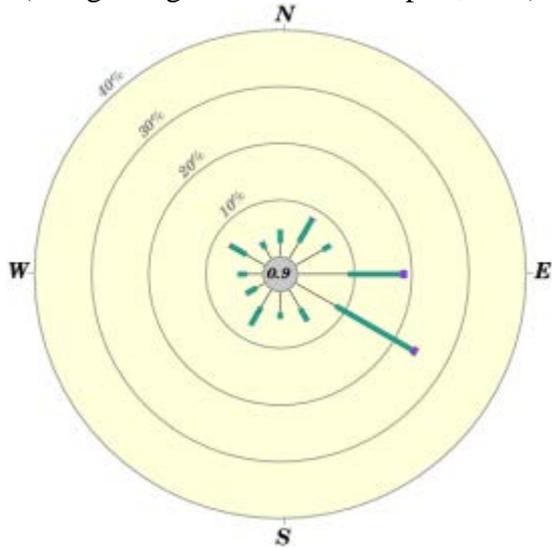


圖 8 (續) 自動氣象站於二零二一年的年風玫瑰圖

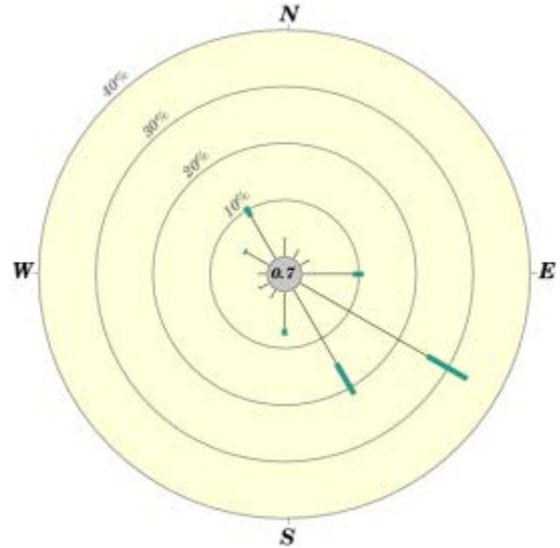
Figure 8 (cont'd) Annual wind roses for automatic weather stations in 2021

自動氣象浮標 4 號(香港國際機場東面)
Automatic Weather Buoy No.4
(Hong Kong International Airport, East)

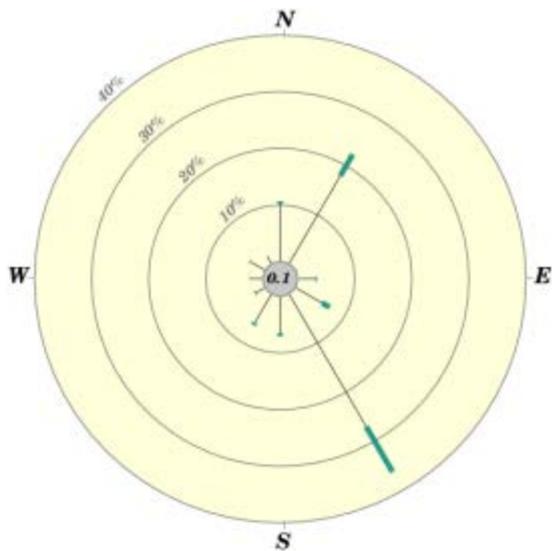


屯門政府合署
Tuen Mun Government Office

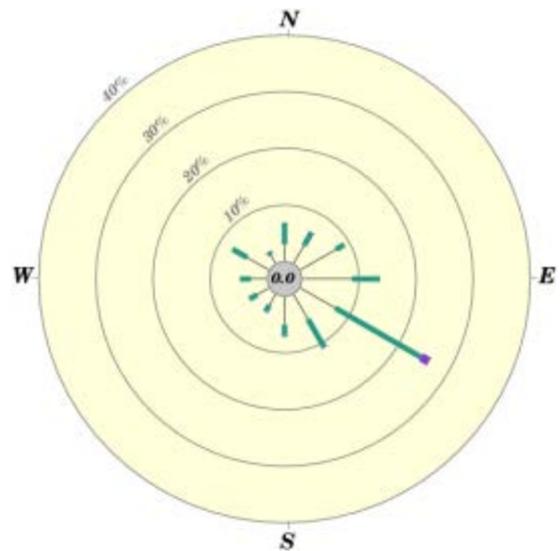
青衣蜆殼油庫 Shell Oil Depot



大磨刀 Tai Mo To



九龍天星碼頭 Star Ferry, Kowloon



小蠔灣 Siu Ho Wan

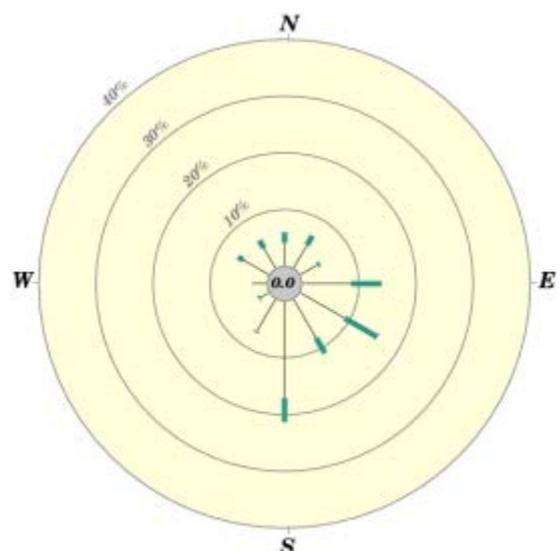
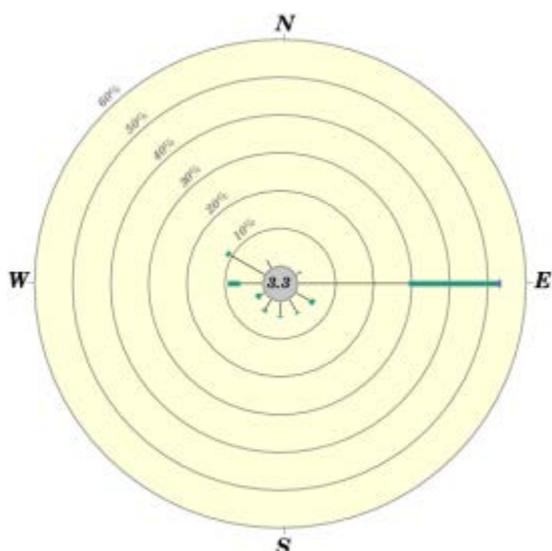


圖 8 (續) 自動氣象站於二零二一年的年風玫瑰圖

Figure 8 (cont'd) Annual wind roses for automatic weather stations in 2021

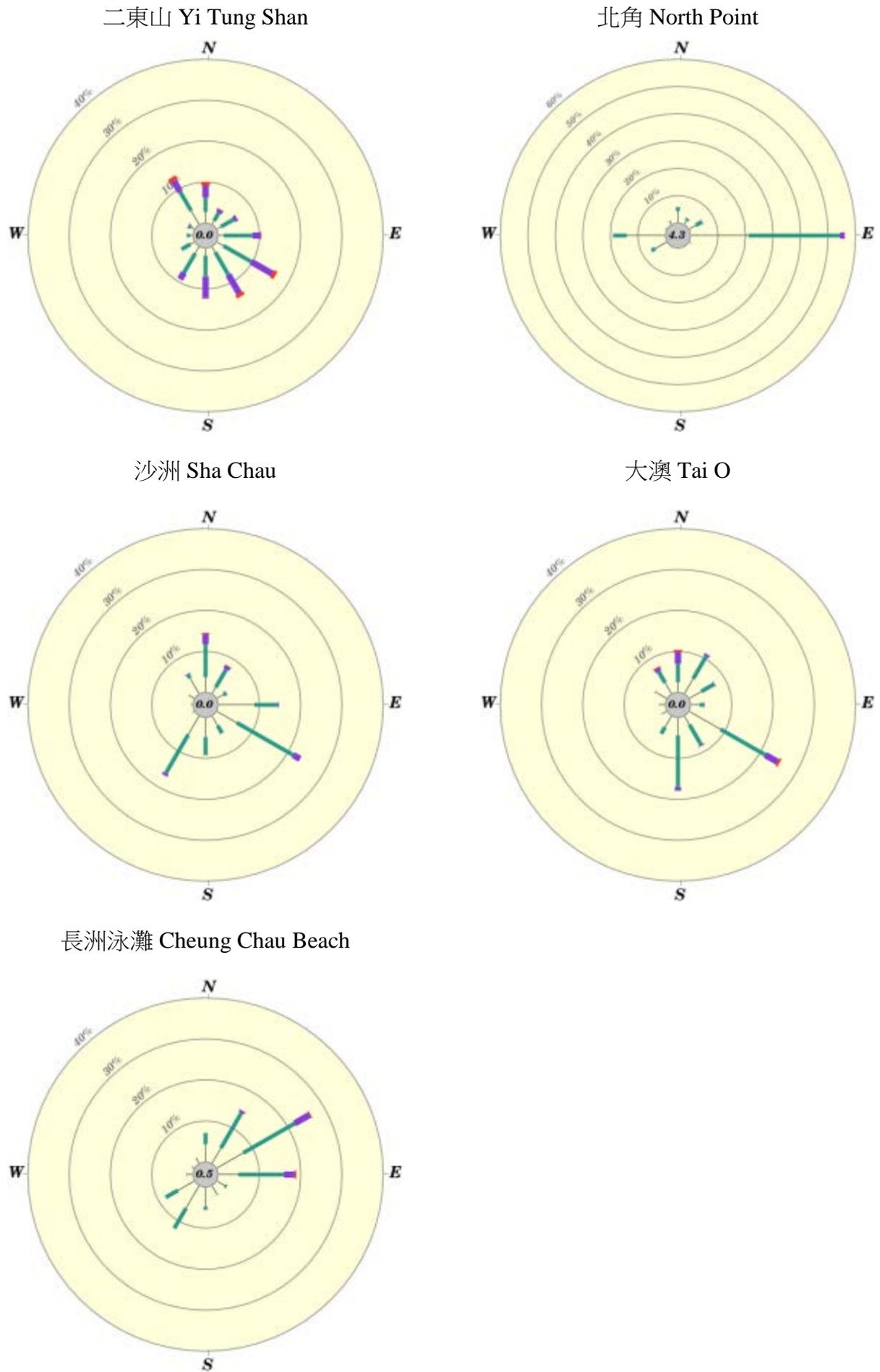


圖 8 (續) 自動氣象站於二零二一年的年風玫瑰圖

Figure 8 (cont'd) Annual wind roses for automatic weather stations in 2021

圖 9 天文台於二零二一年每月的平均氣溫

Figure 9 Monthly Mean Temperature at the Hong Kong Observatory in 2021

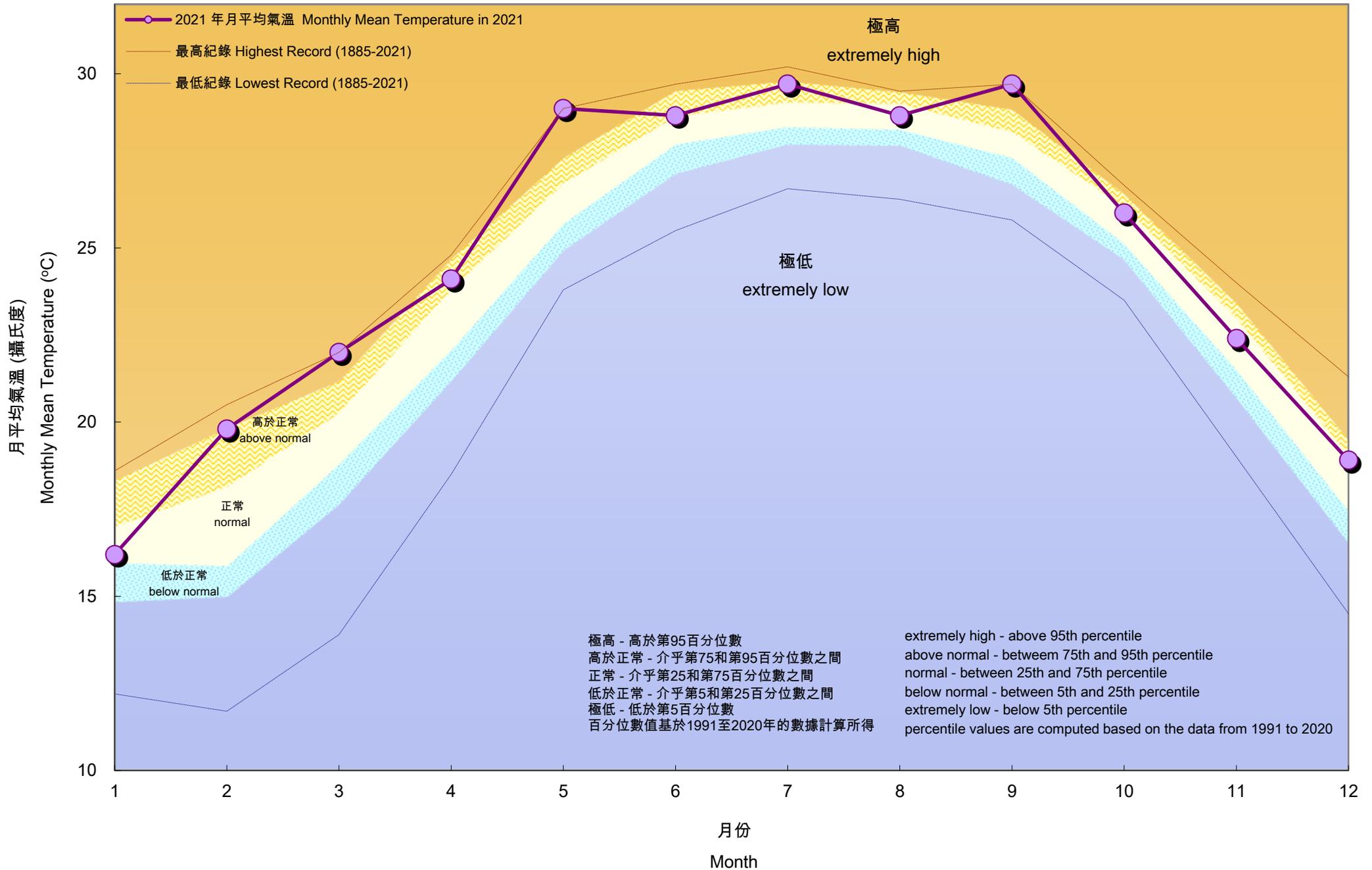


圖 10 天文台於二零二一年每月的總雨量

Figure 10 Monthly Total Rainfall at the Hong Kong Observatory in 2021

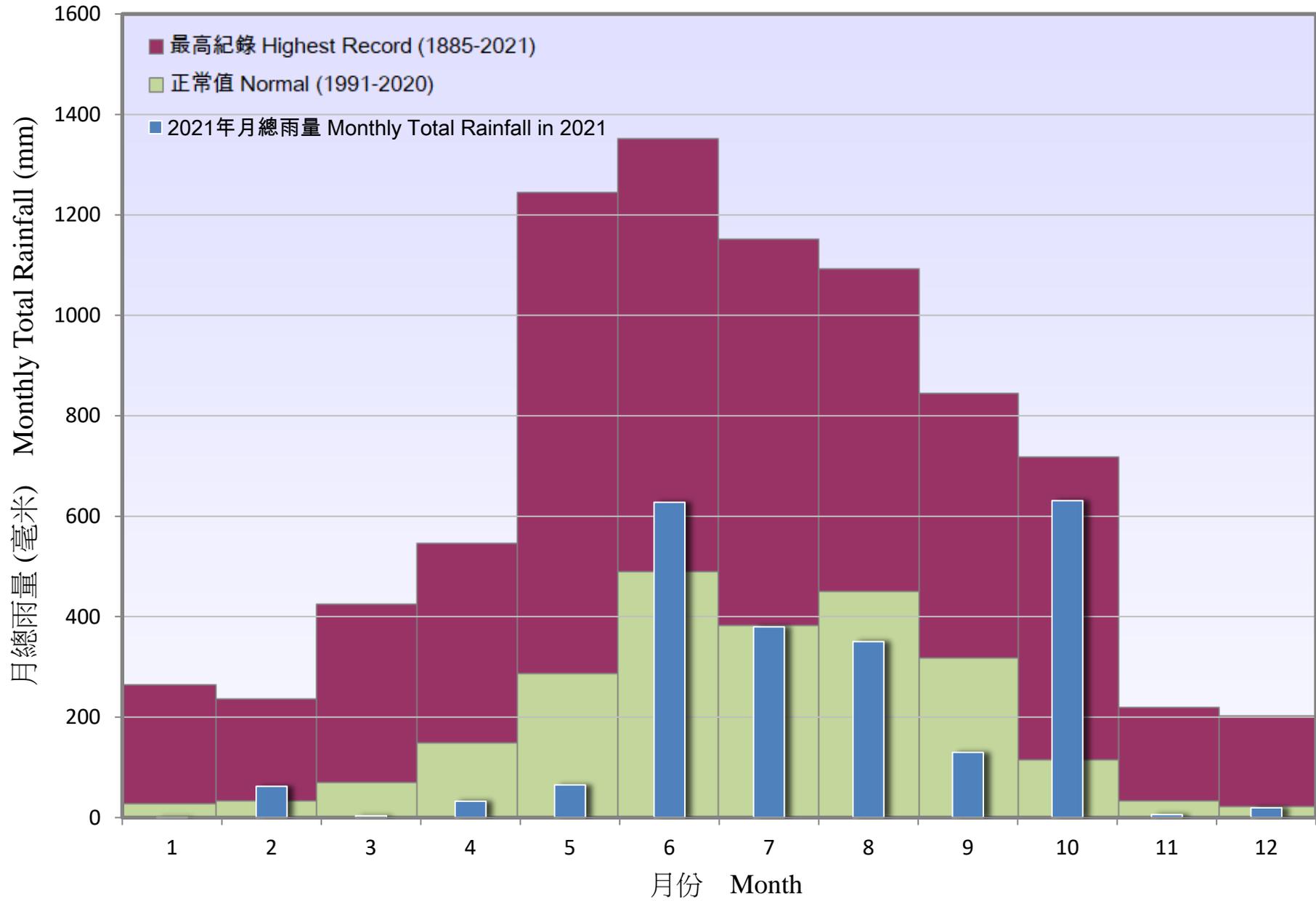
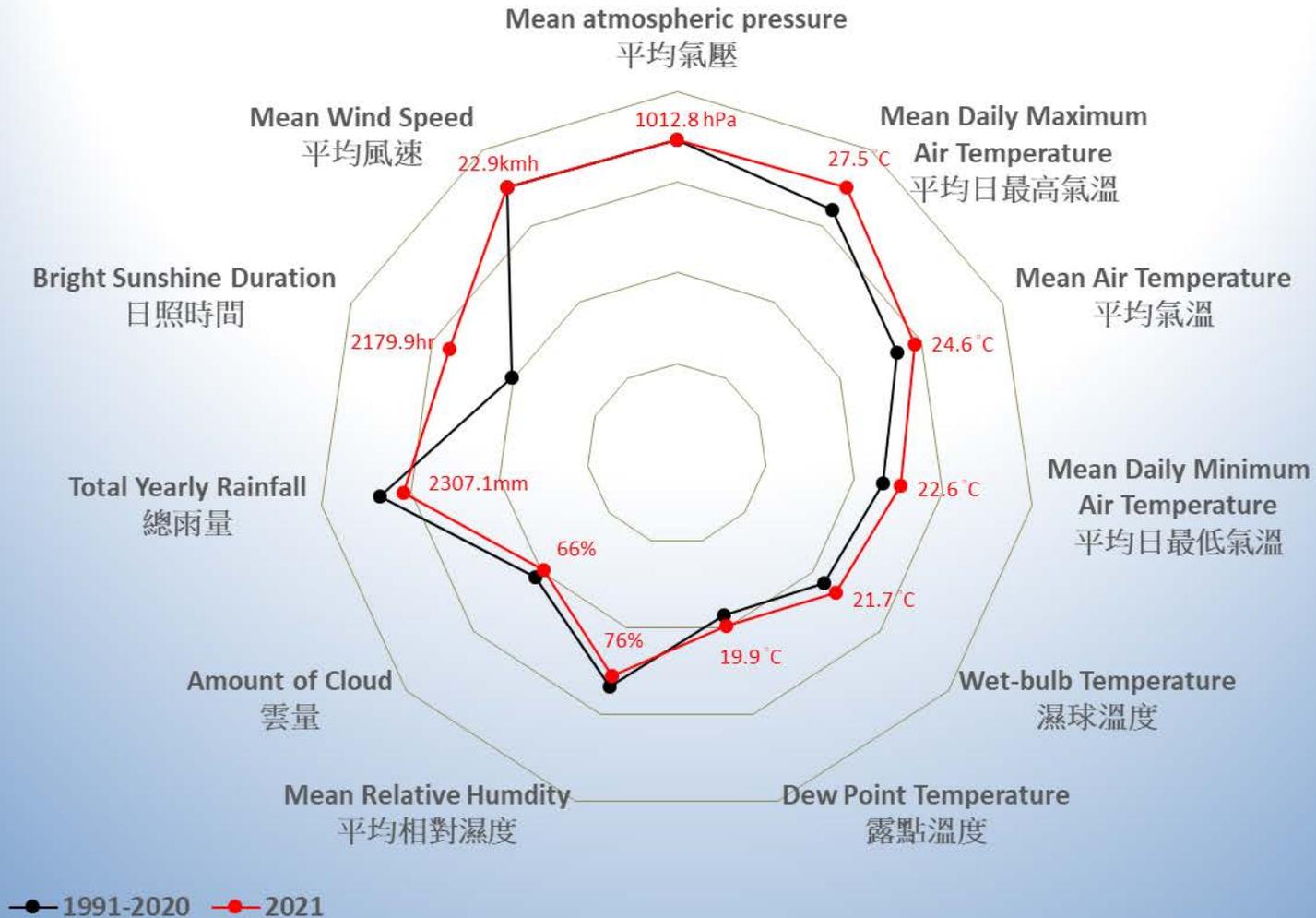


圖 11 二零二一年香港主要氣象要素年平均/總值與氣候平均值(1991-2020)的比對
 Figure 11 Comparison of Annual Mean/Total of Key Meteorological Elements in 2021 and Climatological Normals for Hong Kong (1991-2020)



除平均風速和日照時間資料分別摘錄自橫瀾島及京士柏外，上述其餘氣象資料皆摘錄自香港天文台。(1991-2020)的正常值可參照表 24(d)。

The above are meteorological data recorded at the Hong Kong Observatory, except for mean wind speed and bright sunshine duration which are measured at Waglan Island and King's Park respectively. The values of climatological normals (1991-2020) are available in Table 24(d).

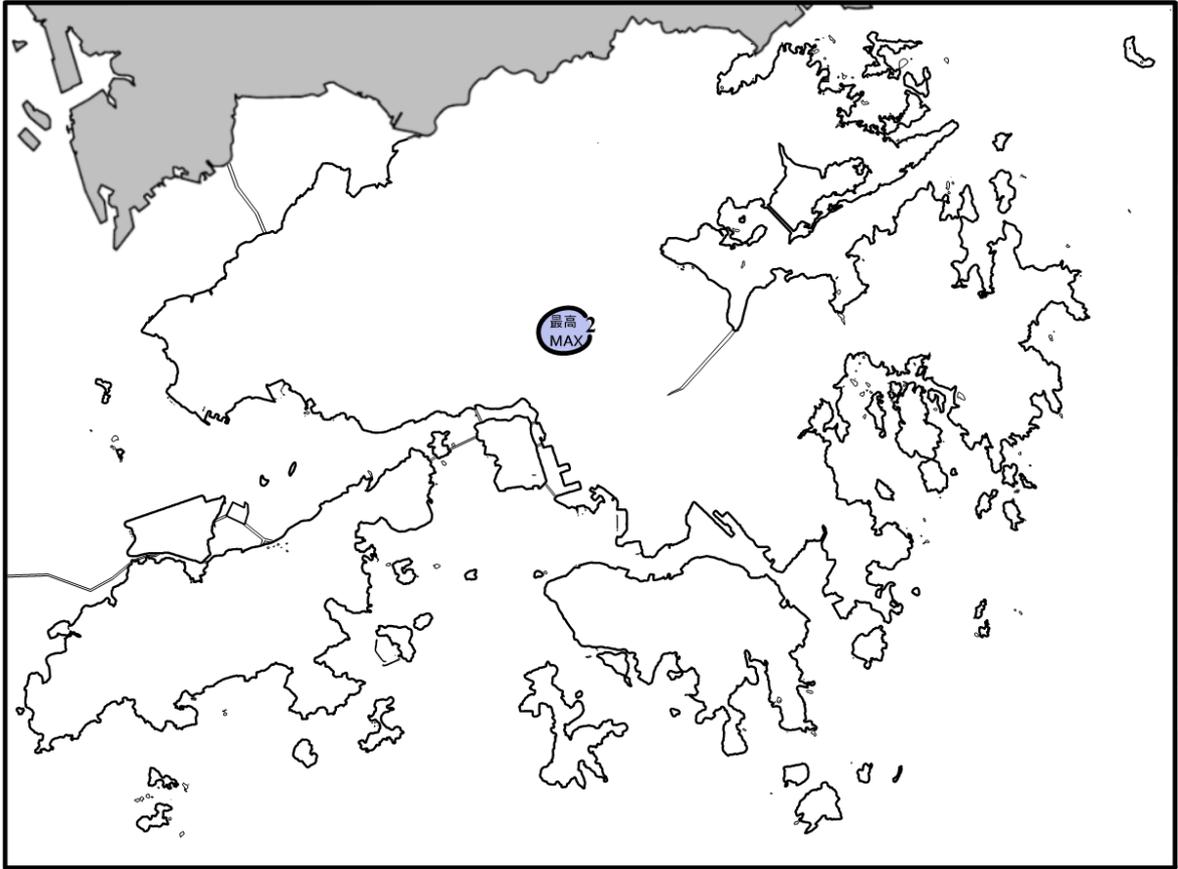


圖 12 二零二一年一月的雨量圖 (等雨量線單位為毫米)
Figure 12 Rainfall Map for January 2021 (isohyets are in millimetres)

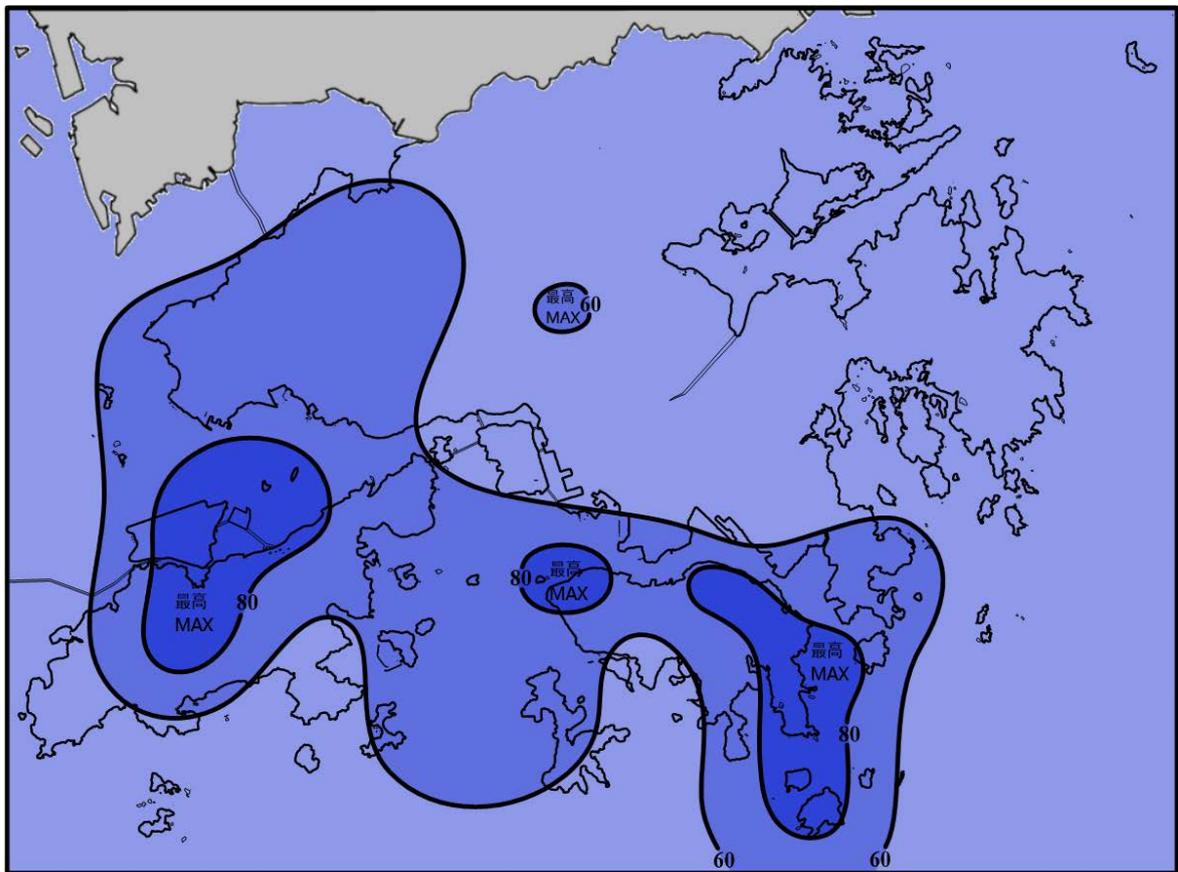


圖 12 (續) 二零二一年二月的雨量圖 (等雨量線單位為毫米)
Figure 12 (cont'd) Rainfall Map for February 2021 (isohyets are in millimetres)

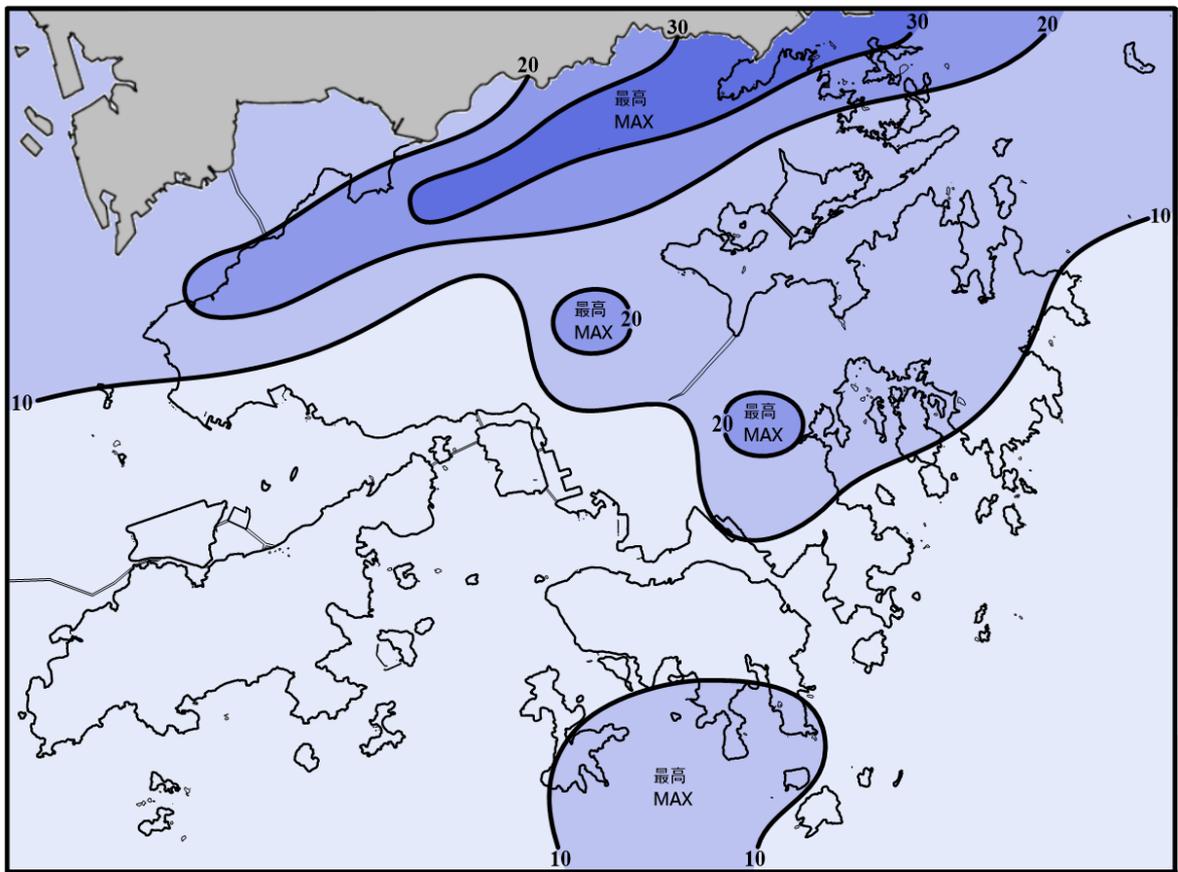


圖 12 (續) 二零二一年三月的雨量圖 (等雨量線單位為毫米)
Figure 12 (cont'd) Rainfall Map for March 2021 (isohyets are in millimetres)

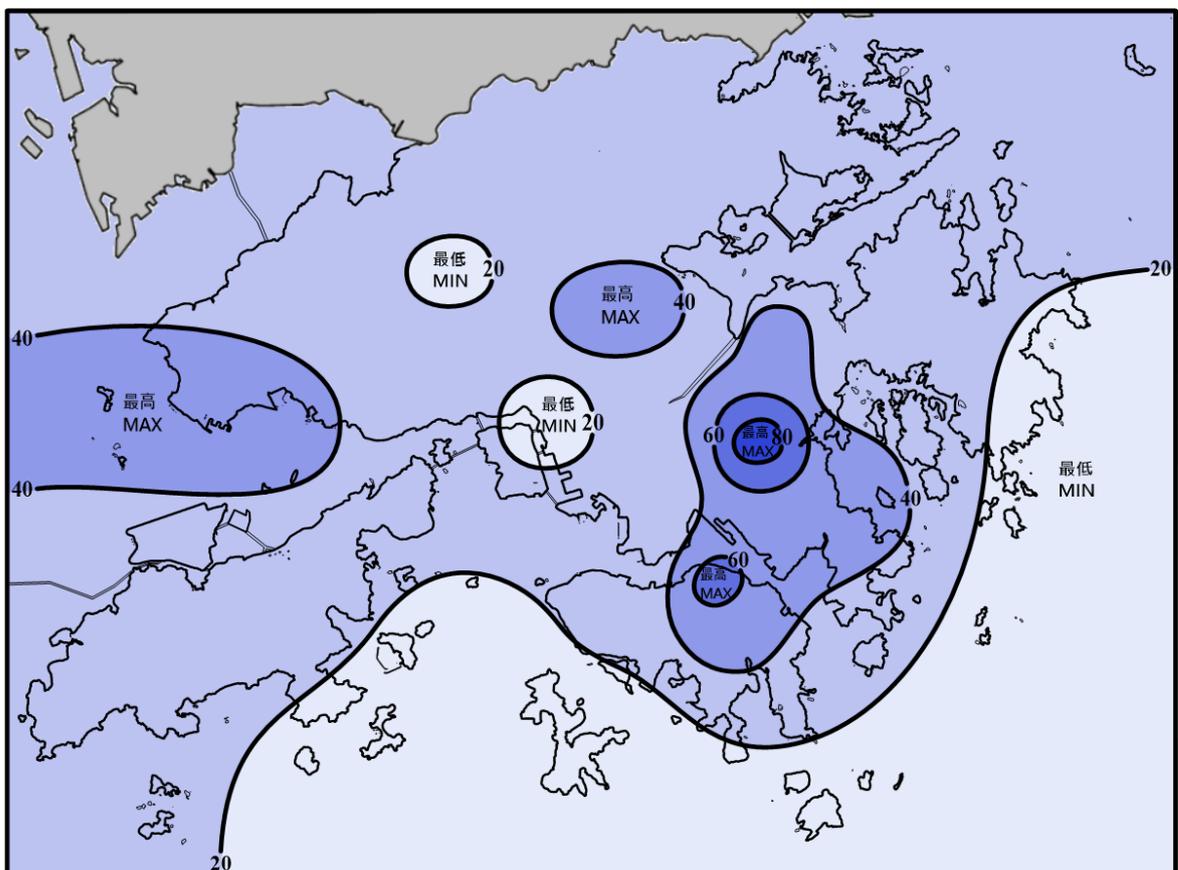


圖 12 (續) 二零二一年四月的雨量圖 (等雨量線單位為毫米)
Figure 12 (cont'd) Rainfall Map for April 2021 (isohyets are in millimetres)

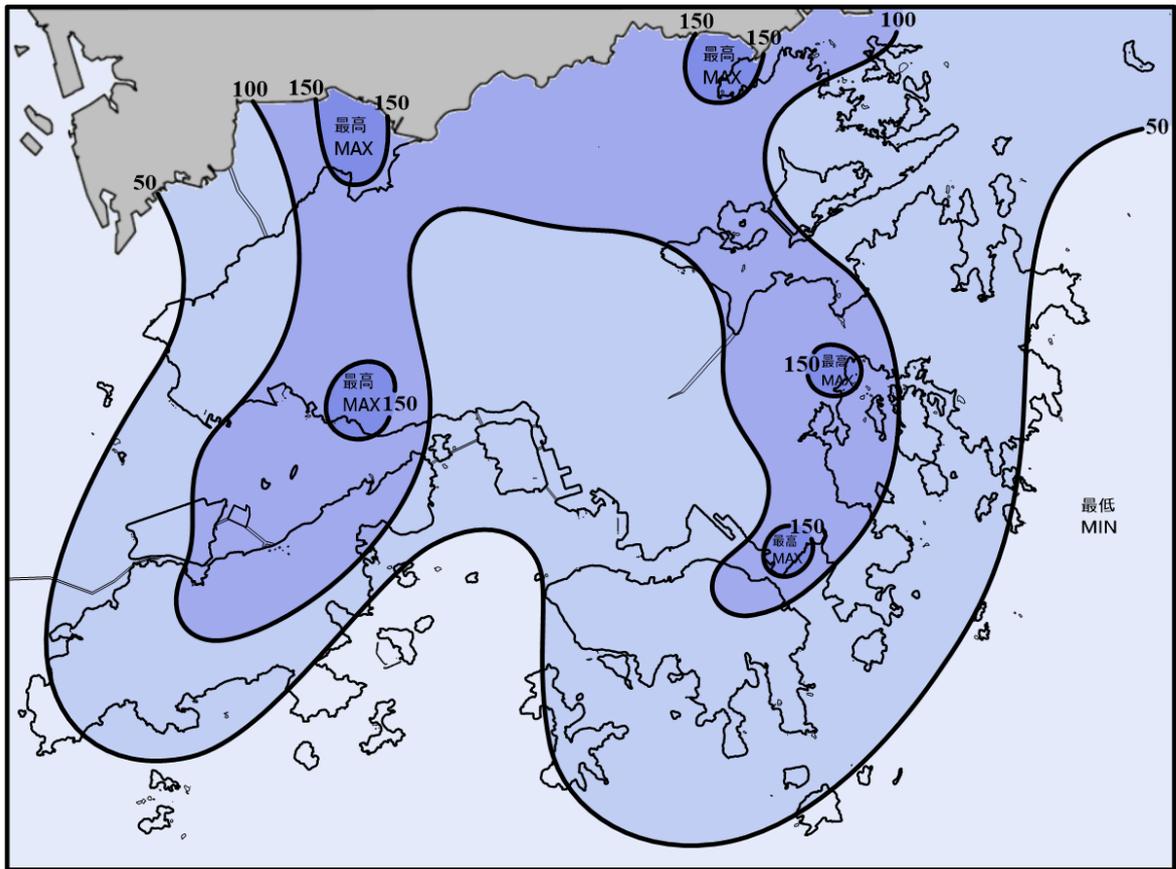


圖 12 (續) 二零二一年五月的雨量圖 (等雨量線單位為毫米)
Figure 12 (cont'd) Rainfall Map for May 2021 (isohyets are in millimetres)

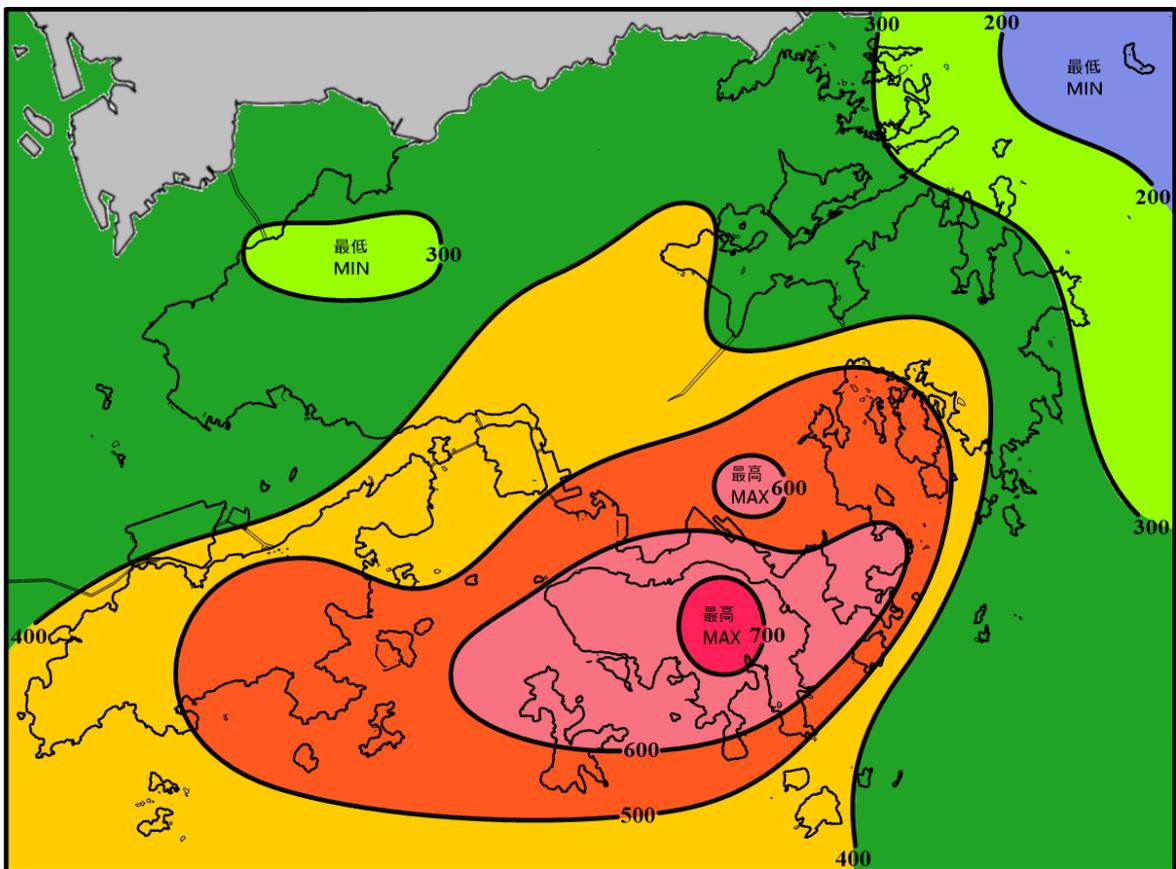


圖 12 (續) 二零二一年六月的雨量圖 (等雨量線單位為毫米)
Figure 12 (cont'd) Rainfall Map for June 2021 (isohyets are in millimetres)

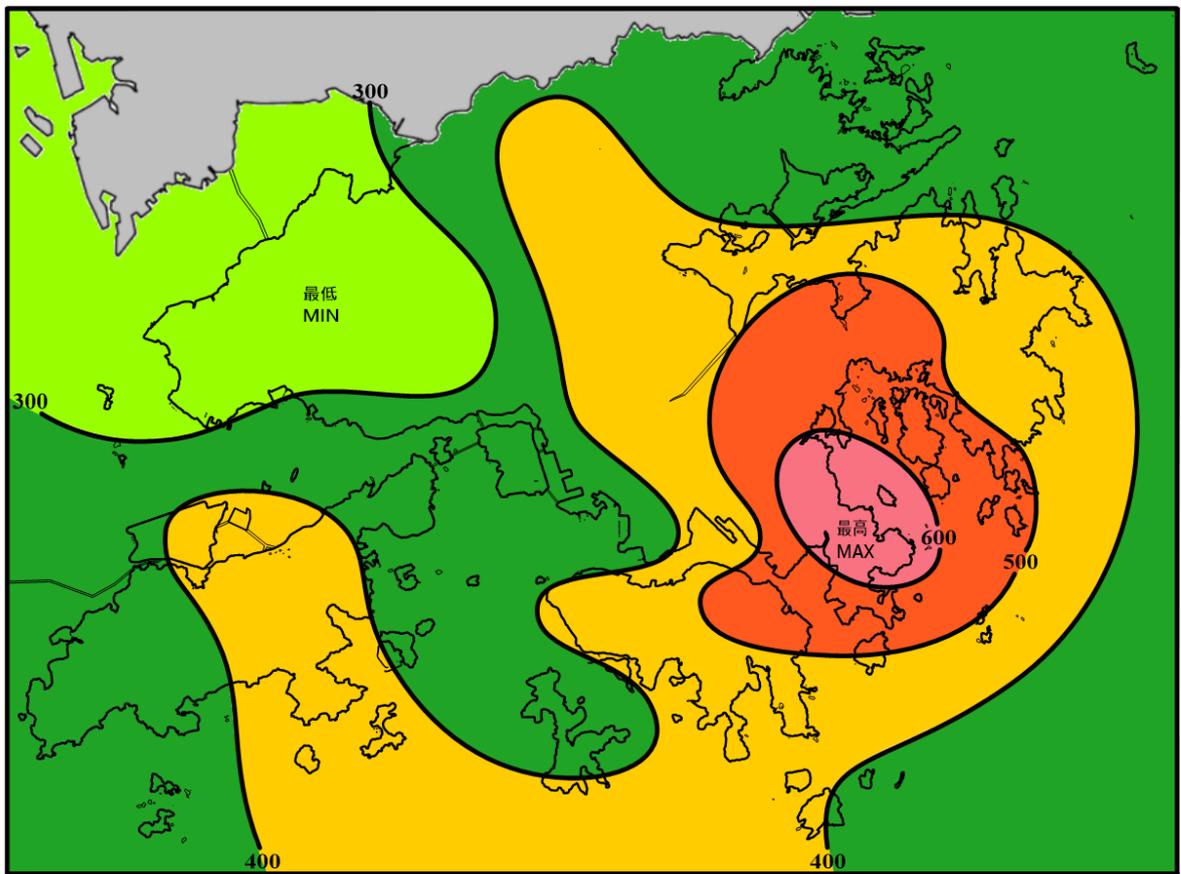


圖 12 (續) 二零二一年七月的雨量圖 (等雨量線單位為毫米)
Figure 12 (cont'd) Rainfall Map for July 2021 (isohyets are in millimetres)

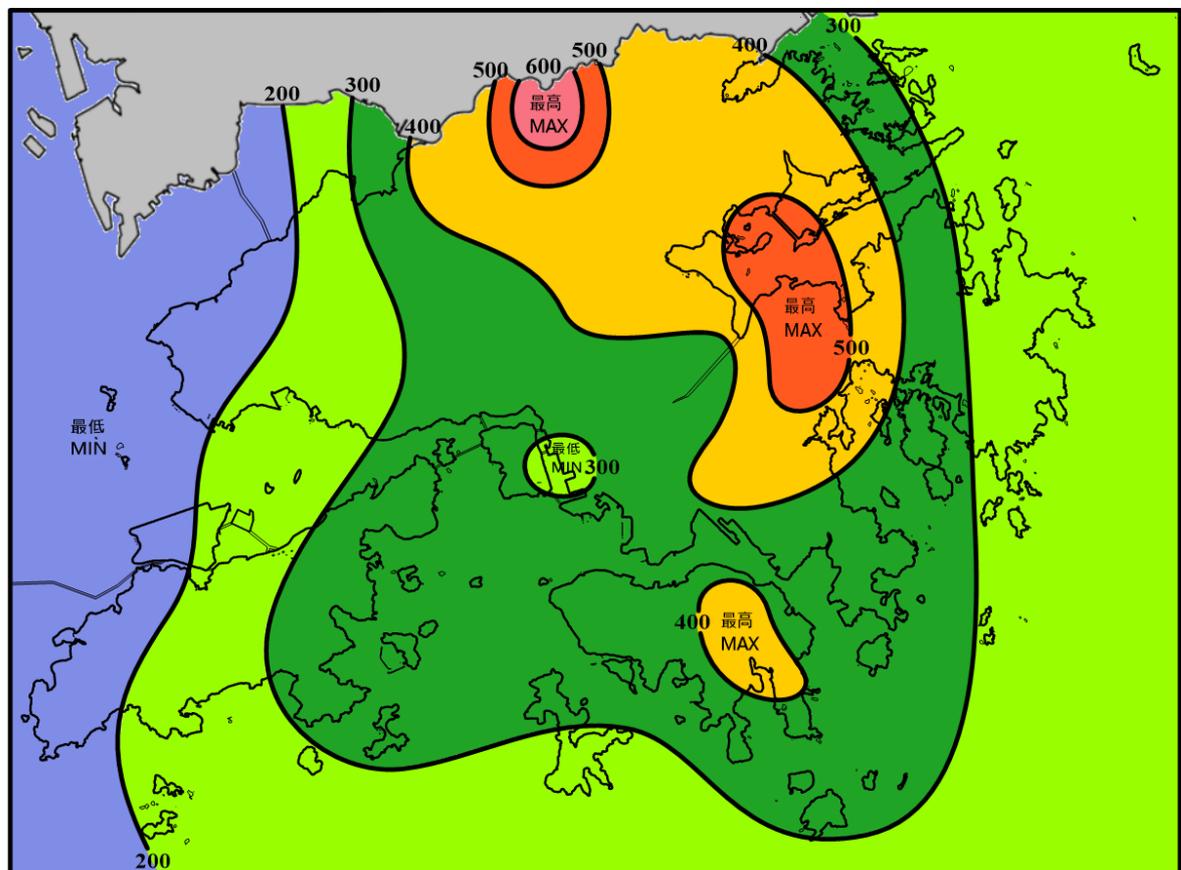


圖 12 (續) 二零二一年八月的雨量圖 (等雨量線單位為毫米)
Figure 12 (cont'd) Rainfall Map for August 2021 (isohyets are in millimetres)

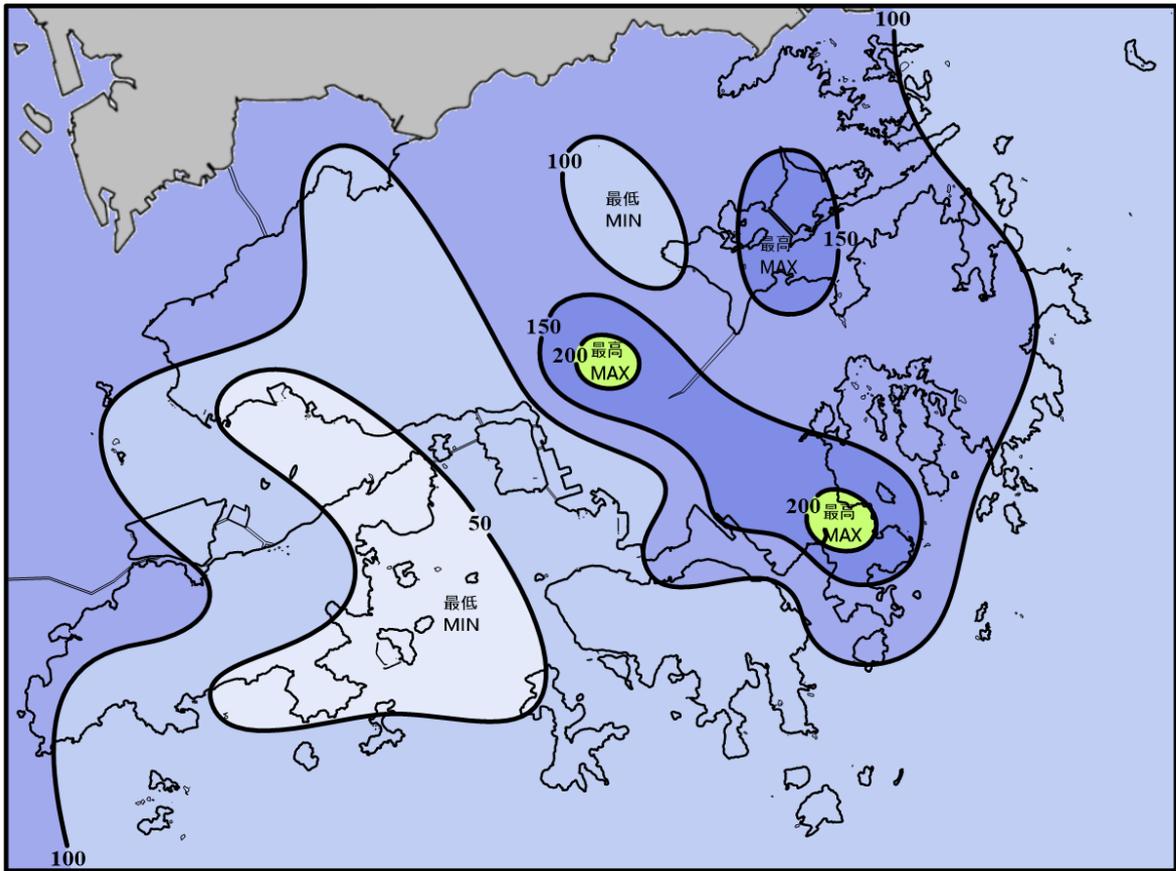


圖 12 (續) 二零二一年九月的雨量圖 (等雨量線單位為毫米)

Figure 12 (cont'd) Rainfall Map for September 2021 (isohyets are in millimetres)

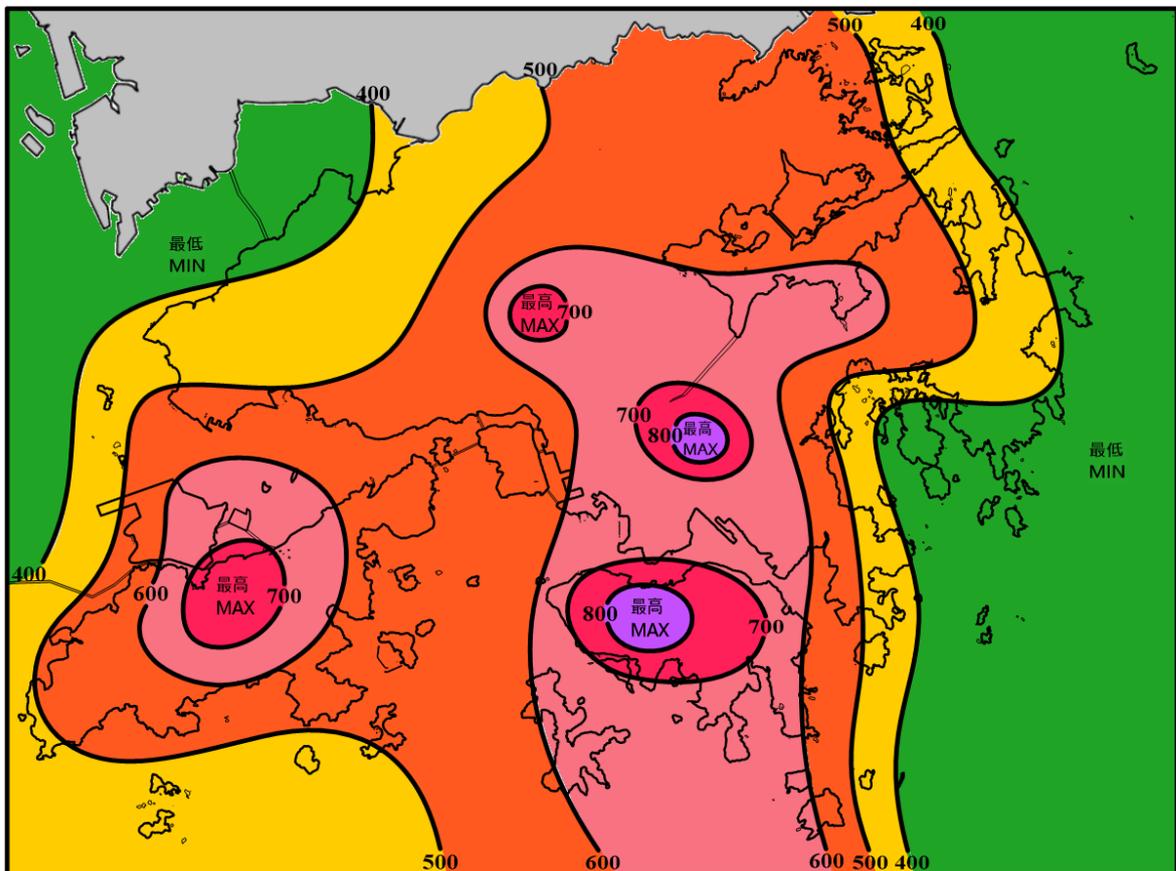


圖 12 (續) 二零二一年十月的雨量圖 (等雨量線單位為毫米)

Figure 12 (cont'd) Rainfall Map for October 2021 (isohyets are in millimetres)

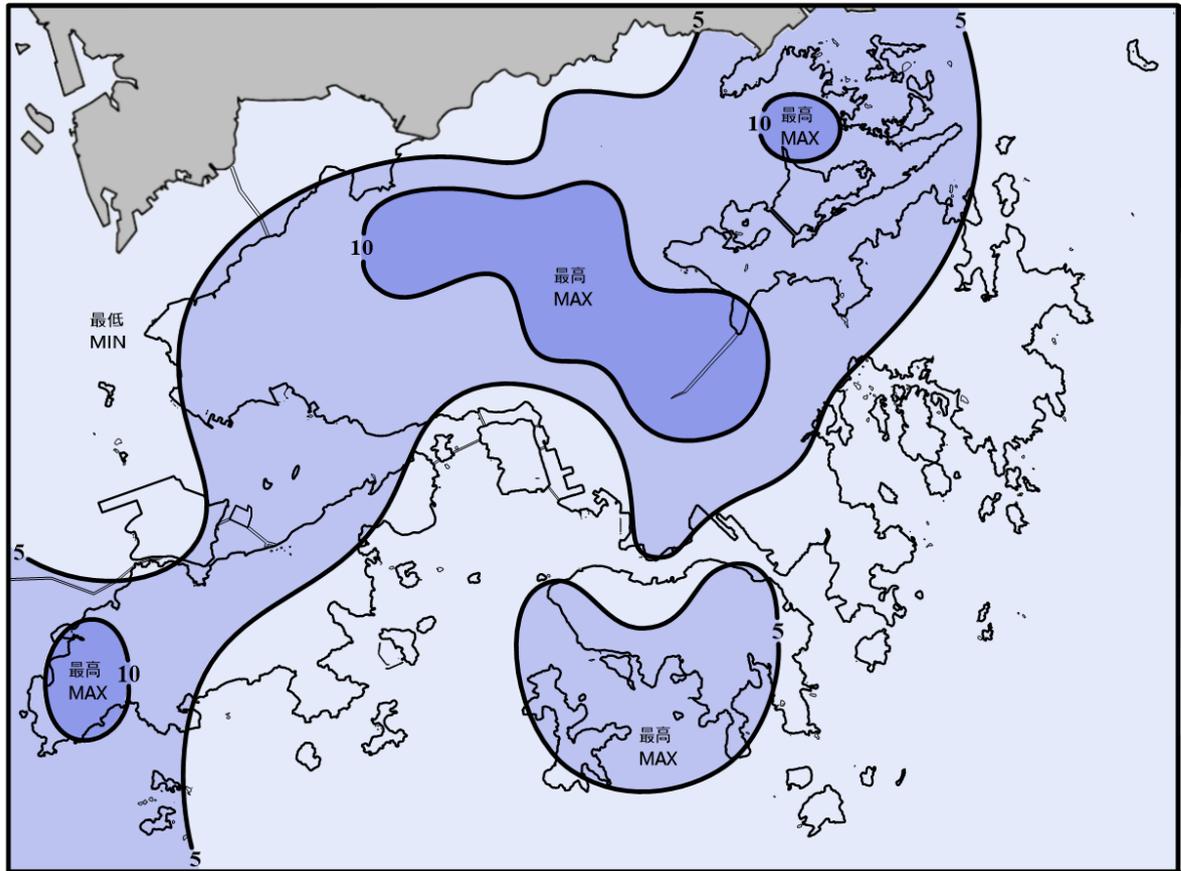


圖 12 (續) 二零二一年十一月的雨量圖 (等雨量線單位為毫米)
Figure 12 (cont'd) Rainfall Map for November 2021 (isohyets are in millimetres)

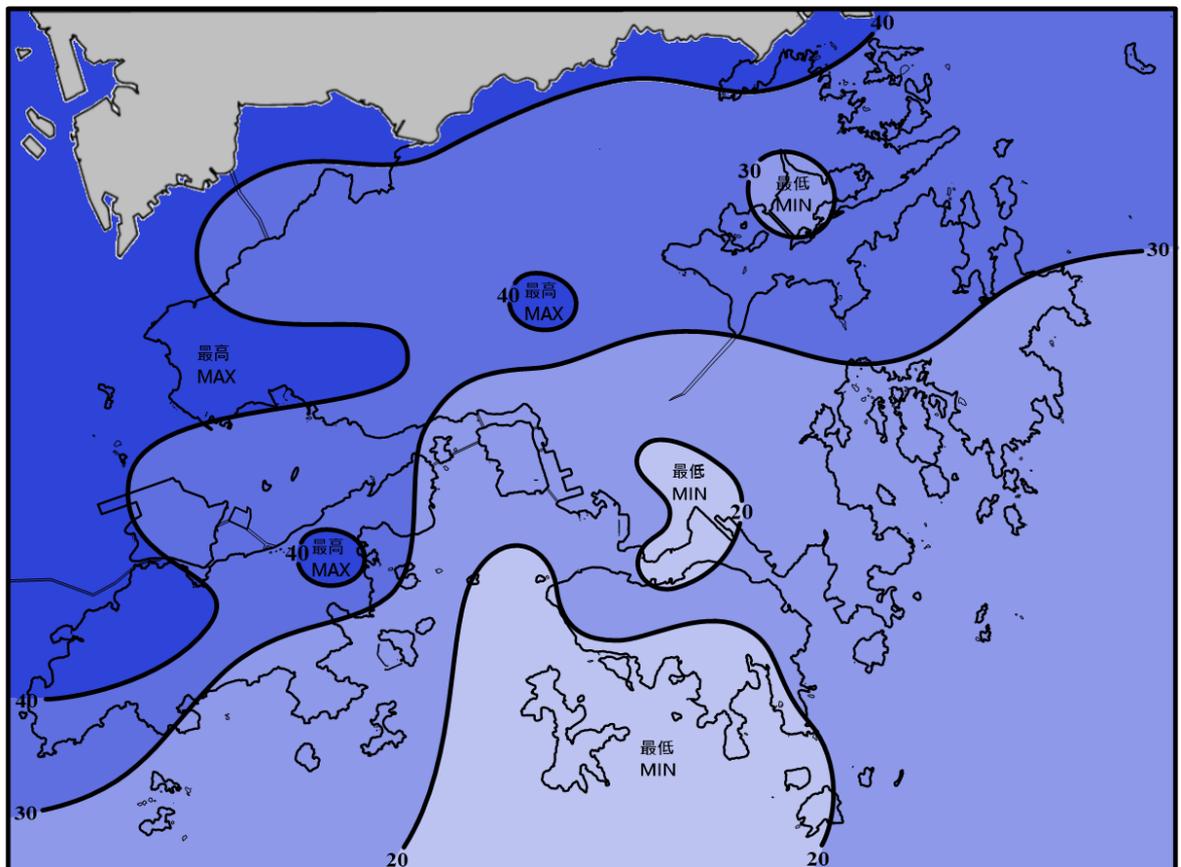


圖 12 (續) 二零二一年十二月的雨量圖 (等雨量線單位為毫米)
Figure 12 (cont'd) Rainfall Map for December 2021 (isohyets are in millimetres)

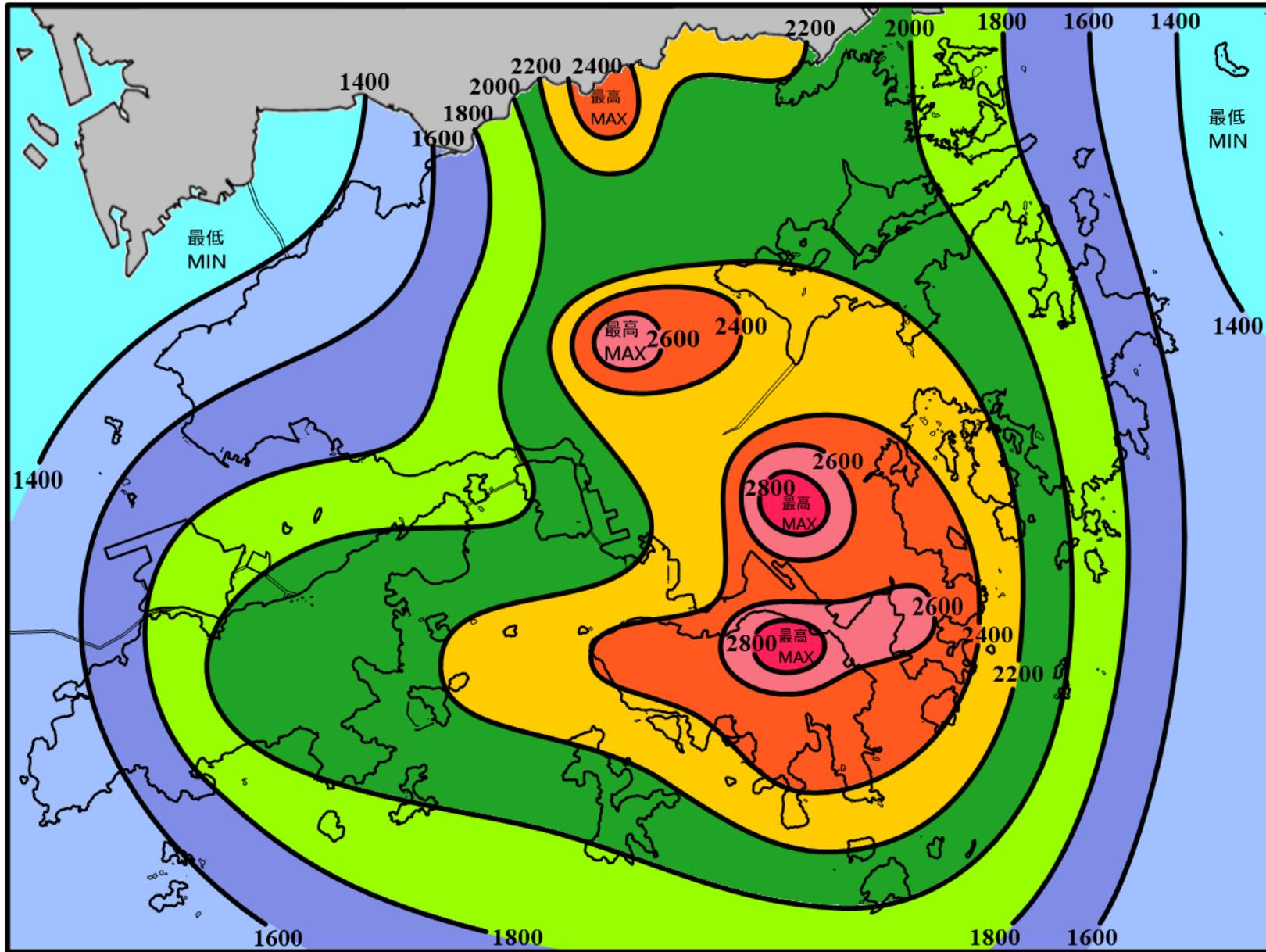


圖 13 二零二一年全年雨量分布圖 (等雨量線單位為毫米)

Figure 13 Annual rainfall map for 2021 (isohyets are in millimetres)

正常數值可瀏覽香港天文台氣候資料服務網頁([http:// https://www.hko.gov.hk/tc/cis/climat.htm](http://https://www.hko.gov.hk/tc/cis/climat.htm))。

The normal values are available at the webpage of Climatological Information Services of the Hong Kong Observatory ([http:// https://www.hko.gov.hk/en/cis/climat.htm](http://https://www.hko.gov.hk/en/cis/climat.htm)).

高度 (百帕斯卡)
Level (hPa)

位勢高度 (位勢米)
Geopotential
Height (gpm)

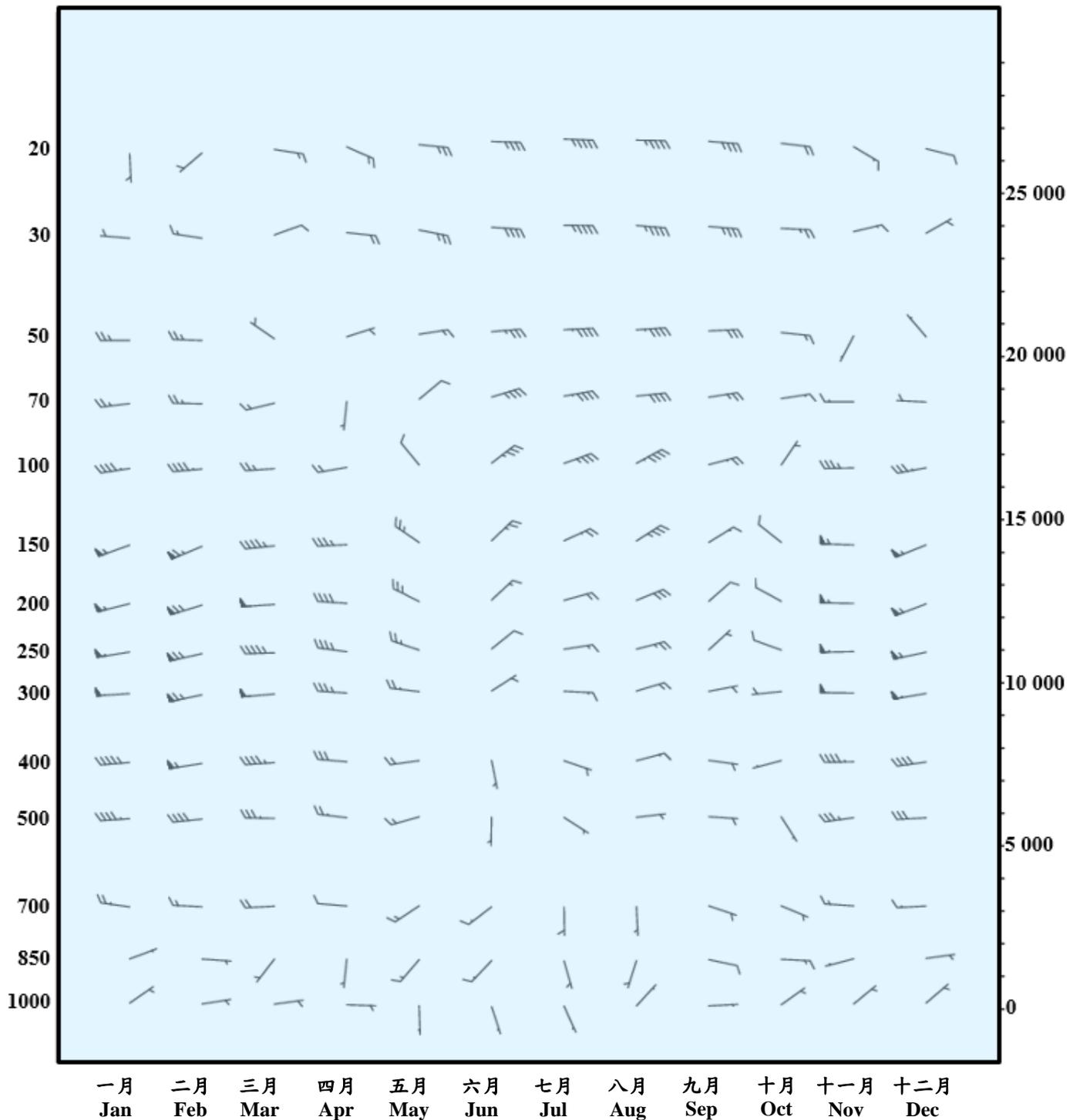


圖 14 各標準層於二零二一年協調世界時零時的月平均矢量風
Figure 14 Monthly Vector Mean Wind at Standard Levels at 00 UTC in 2021

正常數值可瀏覽香港天文台氣候資料服務網頁(<http://www.hko.gov.hk/tc/cis/climat.htm>)。
The normal values are available at the webpage of Climatological Information Services of the Hong Kong Observatory (<http://www.hko.gov.hk/en/cis/climat.htm>).

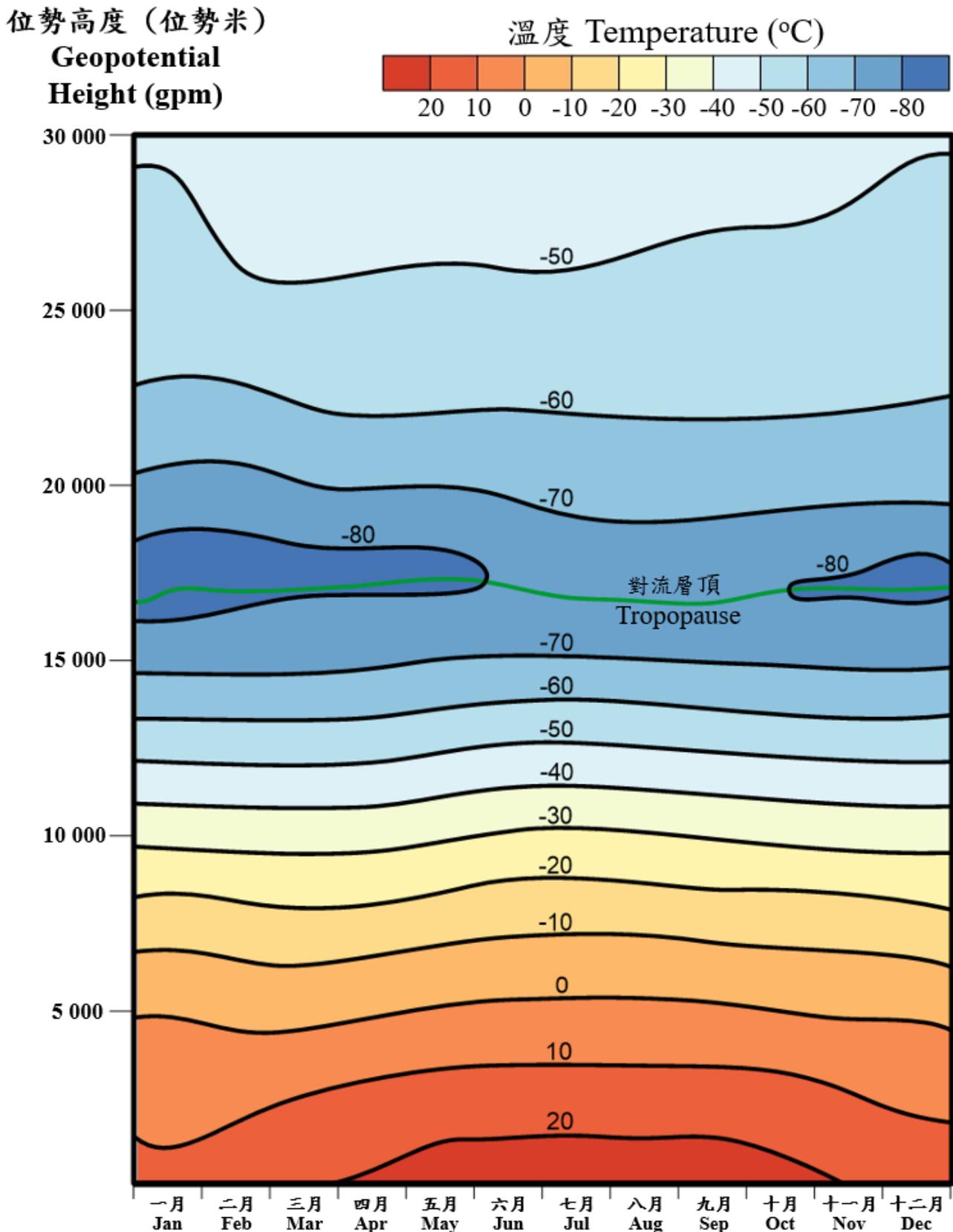


圖 15 各位勢高度於二零二一年協調世界時零時的月平均溫度
Figure 15 Monthly Mean Temperature at Different Geopotential Heights at 00 UTC in 2021

正常數值可瀏覽香港天文台氣候資料服務網頁(<http://www.hko.gov.hk/tc/cis/climat.htm>)。
The normal values are available at the webpage of Climatological Information Services of the Hong Kong Observatory (<http://www.hko.gov.hk/en/cis/climat.htm>).

位勢高度 (位勢米)
Geopotential
Height (gpm)

相對濕度 Relative Humidity (%)

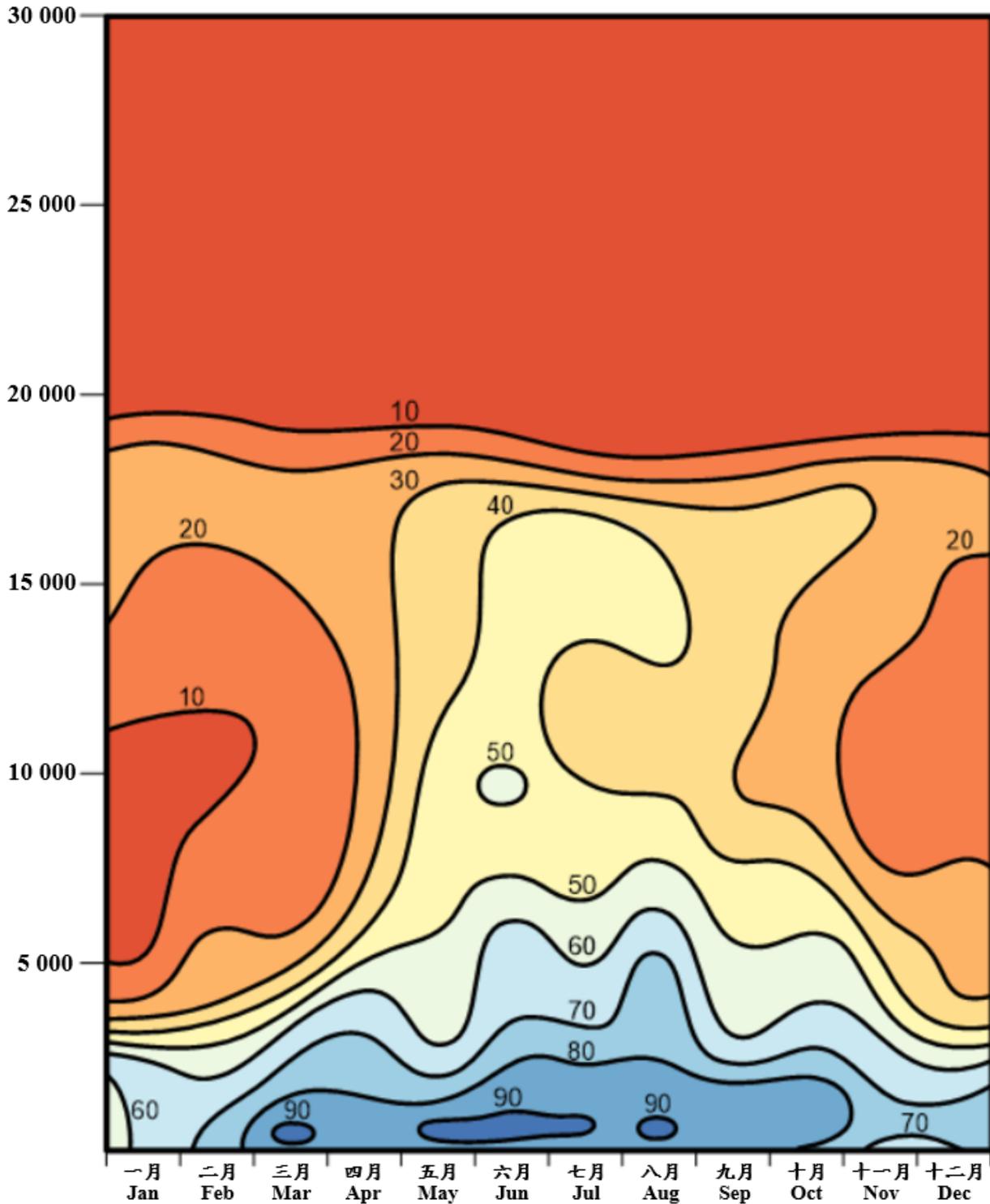
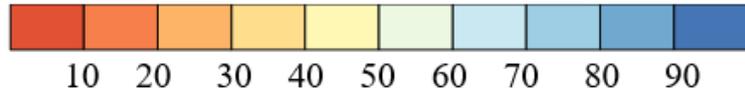


圖 16 各位勢高度於二零二一年協調世界時零時的月平均相對濕度
Figure 16 Monthly Mean Relative Humidity at Different Geopotential Heights at 00 UTC in 2021

正常數值可瀏覽香港天文台氣候資料服務網頁(<http://www.hko.gov.hk/tc/cis/climat.htm>)。

The normal values are available at the webpage of Climatological Information Services of the Hong Kong Observatory (<http://www.hko.gov.hk/en/cis/climat.htm>).

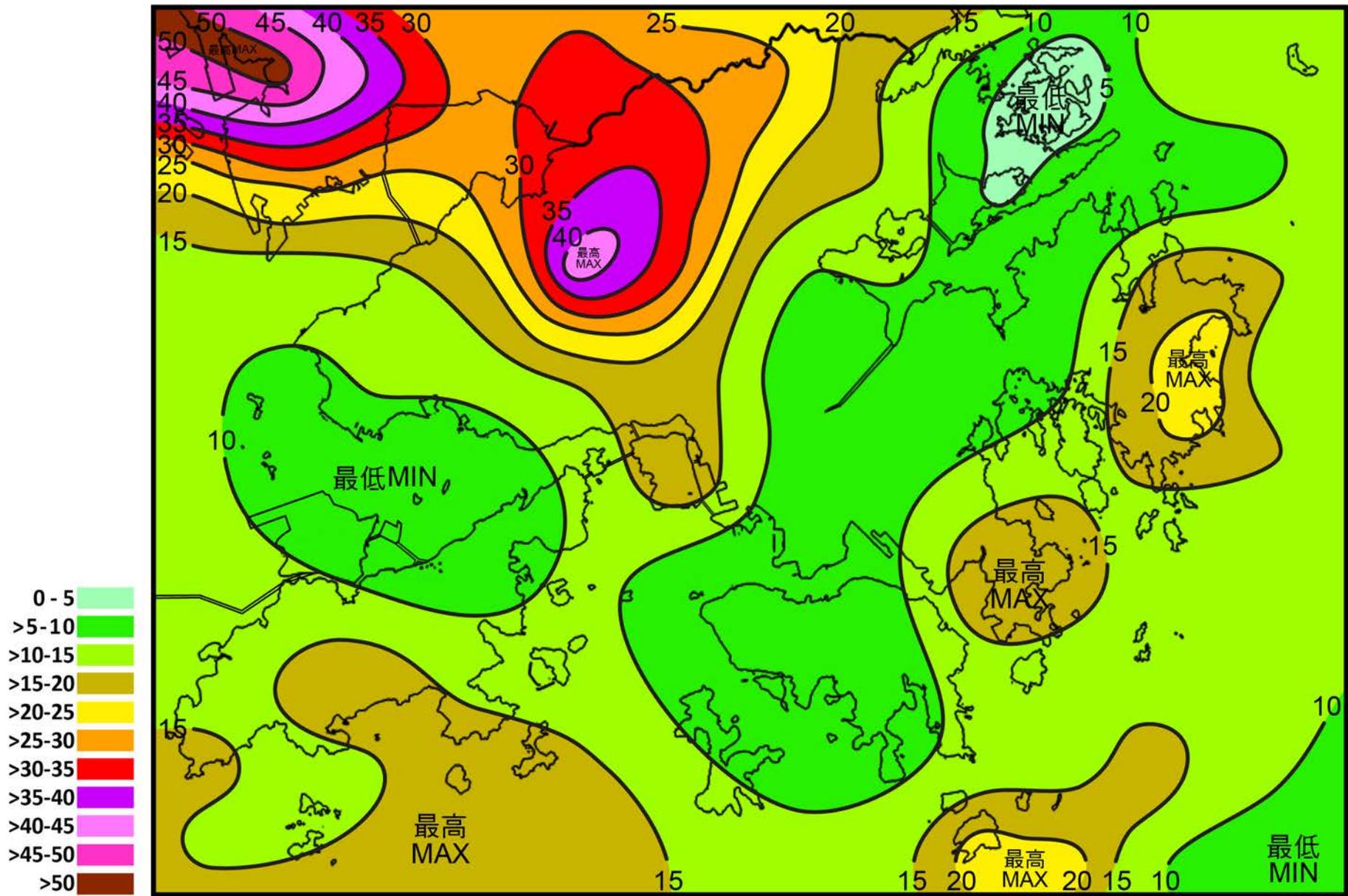


圖 17 二零二一年全年雲對地閃電密度圖 (等值線單位為每年每平方公里閃電次數)

Figure 17 Annual Cloud-to-Ground Lightning Density Map for 2021 (isopleths in number of lightning strokes per km² per year)

圖 18 天文台的月總雨量及月平均氣溫氣候正常值
 Figure 18 Climatological Normals of the Monthly Total Rainfall and Monthly Mean Temperature at the Hong Kong Observatory

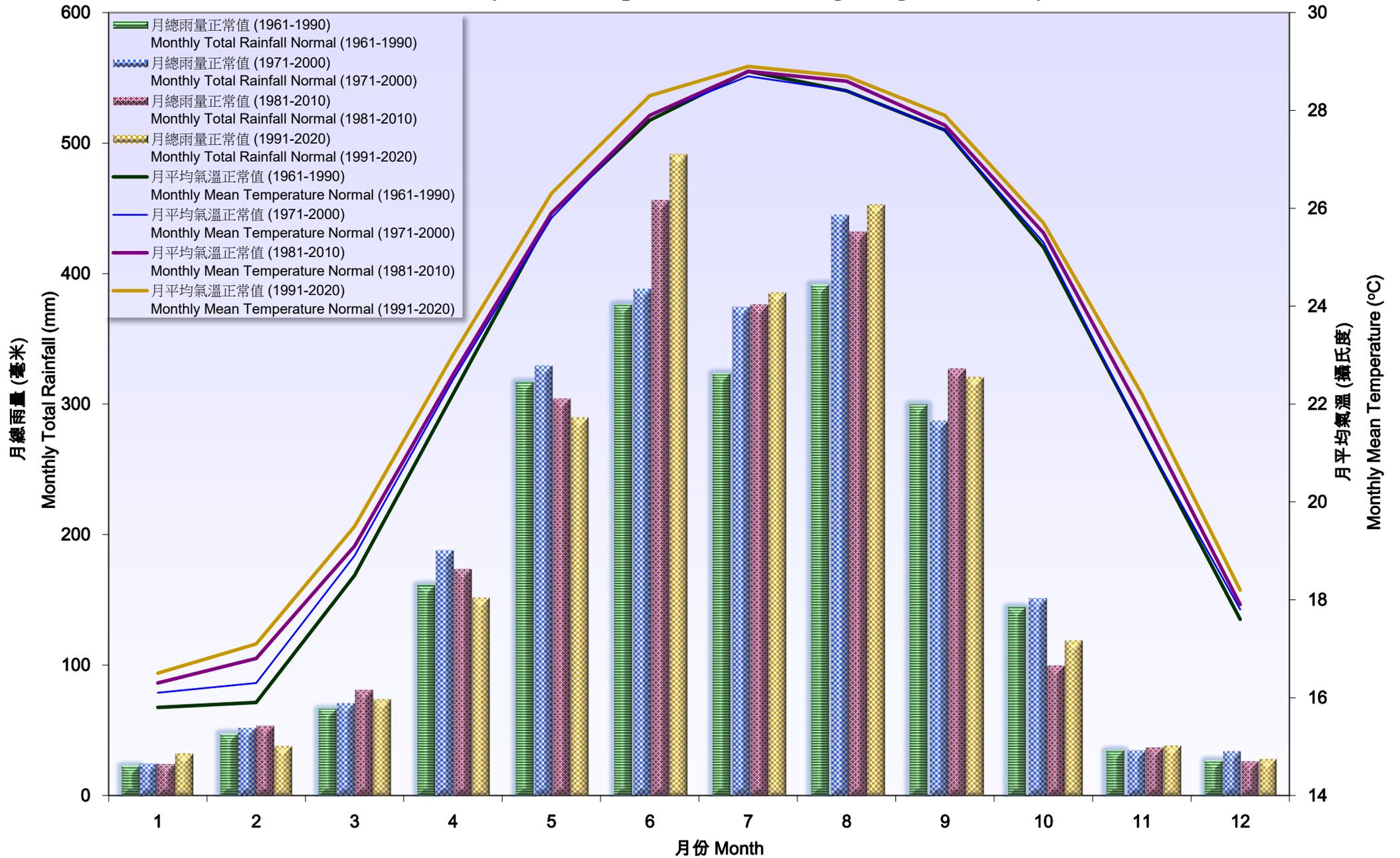


表 1
Table 1

天文台於二零二一年每日的平均海平面氣壓 (hPa)
Daily Mean Sea Level Pressure (hPa) at the Hong Kong Observatory in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	1025.5	1019.4	1016.2	1007.6	1012.2	1006.6	1006.3	998.5	1009.9	1009.1	1018.5	1021.5
02	1022.9	1019.7	1018.4	1009.9	1013.0	1006.9	1006.7	998.3	1009.0	1011.0	1018.0	1021.8
03	1021.9	1022.0	1020.1	1011.3	1012.5	1006.3	1006.4	997.2	1007.4	1012.4	1016.7	1021.5
04	1021.0	1021.7	1018.0	1013.7	1011.1	1004.7	1007.2	995.6	1008.3	1012.5	1014.9	1022.2
05	1020.1	1019.8	1015.9	1017.5	1012.9	1004.3	1007.4	996.0	1010.0	1011.4	1012.5	1021.2
06	1020.0	1017.4	1016.3	1017.3	1015.4	1004.6	1006.4	998.0	1010.5	1008.5	1010.1	1020.3
07	1020.8	1017.6	1018.8	1016.0	1013.2	1007.3	1009.1	1001.3	1010.4	1005.7	1012.2	1020.9
08	1025.0	1018.9	1020.1	1014.2	1009.8	1008.0	1011.4	1004.3	1009.4	1004.6	1017.2	1022.3
09	1024.5	1017.5	1019.9	1016.8	1009.0	1007.2	1010.3	1005.4	1009.3	1004.9	1019.3	1022.3
10	1023.5	1013.5	1020.0	1018.8	1008.8	1005.6	1010.4	1005.9	1008.3	1008.0	1018.7	1020.7
11	1025.8	1014.7	1019.8	1018.7	1008.4	1005.4	1011.1	1008.3	1004.5	1005.4	1017.7	1020.8
12	1023.6	1016.3	1018.4	1016.1	1008.3	1007.5	1010.2	1008.9	1002.0	1001.3	1018.8	1021.0
13	1019.8	1017.3	1018.6	1013.6	1008.5	1008.5	1008.5	1006.2	1006.7	1002.5	1018.1	1021.6
14	1017.8	1016.1	1016.6	1013.2	1009.0	1006.1	1008.3	1006.4	1011.5	1009.2	1018.2	1018.6
15	1016.1	1015.0	1014.8	1013.0	1009.0	1004.4	1008.9	1010.2	1011.2	1010.4	1017.2	1016.1
16	1017.4	1016.1	1013.3	1013.7	1009.1	1006.3	1008.5	1012.5	1009.4	1013.8	1017.0	1015.8
17	1023.5	1019.6	1012.9	1015.8	1009.8	1007.7	1005.8	1010.5	1009.2	1018.0	1017.1	1018.9
18	1023.3	1024.5	1013.2	1015.2	1009.2	1006.9	1003.3	1008.2	1011.1	1018.3	1014.3	1022.8
19	1020.3	1023.4	1012.3	1013.2	1007.9	1004.8	1002.3	1008.6	1011.3	1017.8	1012.2	1021.8
20	1018.1	1019.9	1010.7	1013.0	1008.1	1003.0	1002.6	1009.5	1010.4	1015.9	1012.9	1017.6
21	1015.6	1017.5	1015.8	1012.5	1007.8	1003.1	1003.0	1008.6	1009.5	1014.9	1014.1	1013.5
22	1013.4	1015.8	1022.8	1010.0	1007.0	1005.1	1001.0	1007.4	1010.5	1019.2	1017.0	1016.5
23	1014.0	1015.0	1020.6	1007.9	1007.8	1005.9	998.3	1007.2	1013.0	1020.1	1021.1	1016.8
24	1017.1	1014.3	1016.5	1010.9	1009.6	1006.0	998.0	1007.7	1013.6	1018.9	1020.3	1017.2
25	1017.6	1011.2	1016.5	1012.2	1010.2	1006.3	999.4	1009.0	1012.8	1016.6	1018.2	1021.2
26	1016.9	1009.8	1015.4	1013.7	1009.4	1007.2	998.1	1011.0	1012.3	1015.8	1018.4	1025.5
27	1017.8	1014.0	1012.0	1014.5	1009.6	1006.4	996.8	1012.0	1010.8	1016.7	1020.1	1027.1
28	1020.7	1015.7	1009.6	1014.6	1009.6	1005.2	997.5	1011.6	1009.6	1017.9	1019.5	1024.4
29	1022.6		1007.3	1013.3	1007.1	1005.2	1000.1	1011.2	1008.3	1018.2	1017.3	1023.2
30	1022.5		1006.2	1012.5	1005.1	1006.1	1001.4	1011.4	1008.1	1018.8	1018.4	1024.6
31	1021.6		1006.6		1004.3		1000.3	1011.1		1018.7		1025.0
平均 Mean	1020.3	1017.3	1015.6	1013.7	1009.4	1005.9	1004.7	1006.4	1009.6	1012.8	1016.9	1020.8
正常 Normal (1961-1990)	1020.2	1018.7	1016.2	1013.1	1009.1	1006.0	1005.3	1005.1	1008.8	1014.0	1017.9	1020.2
正常 Normal (1971-2000)	1020.1	1018.6	1016.1	1012.8	1009.4	1006.2	1005.5	1005.1	1009.2	1014.0	1018.0	1020.5
正常 Normal (1981-2010)	1020.3	1018.5	1016.0	1012.9	1009.3	1006.1	1005.7	1005.2	1008.9	1014.1	1017.7	1020.5
正常 Normal (1991-2020)	1020.1	1018.7	1016.1	1013.0	1009.3	1006.1	1005.6	1005.2	1008.8	1014.0	1017.3	1020.1

表 2

Table 2

天文台於二零二一年每日的平均氣溫 (°C)

Daily Mean Temperature (°C) at the Hong Kong Observatory in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	11.8	20.3	21.9	26.7	26.3	26.5	30.3	29.4	28.7	30.3	25.2	17.3
02	14.0	20.9	21.4	26.9	26.5	28.3	30.6	30.0	29.5	30.0	25.1	17.4
03	16.7	18.4	18.4	26.9	24.3	30.3	30.4	28.2	29.8	28.8	25.2	18.0
04	18.3	19.4	18.9	24.7	26.6	28.4	30.4	28.2	29.8	29.8	25.5	18.1
05	18.8	19.9	20.1	22.4	26.6	27.3	30.2	27.6	29.8	30.1	25.6	19.1
06	17.1	20.7	20.5	23.9	25.2	28.2	29.4	28.3	29.7	29.5	26.4	19.2
07	15.3	20.3	19.9	23.1	26.6	28.7	29.4	28.8	30.1	28.8	26.1	19.9
08	9.1	19.9	19.7	23.2	27.7	29.3	29.8	29.3	30.6	25.5	20.1	20.1
09	10.7	18.5	20.1	21.0	28.3	27.9	30.5	29.1	30.1	26.5	19.5	20.2
10	12.8	16.5	19.8	22.4	28.4	28.8	30.5	29.0	30.5	26.8	20.5	20.9
11	10.6	17.4	21.0	23.1	29.2	29.1	30.6	29.5	30.5	28.5	21.5	21.4
12	11.9	18.4	23.2	24.6	29.6	27.7	30.9	29.0	31.2	25.1	22.6	21.5
13	13.4	19.2	22.0	25.9	29.5	28.9	31.1	28.6	30.9	25.8	22.3	19.4
14	15.2	19.9	21.3	24.6	30.0	29.3	30.7	28.0	29.0	27.8	21.6	20.5
15	17.3	21.1	22.4	22.2	29.9	29.6	31.3	27.3	30.2	26.2	22.1	21.5
16	17.6	20.3	24.0	22.8	30.2	30.6	29.6	28.3	29.2	26.8	23.2	23.2
17	16.6	20.4	24.7	22.8	30.4	30.4	28.8	29.5	29.5	24.2	23.5	21.7
18	14.2	18.5	23.4	23.2	30.2	30.6	26.9	29.5	30.2	23.9	22.4	18.1
19	15.4	18.5	24.2	22.5	30.3	30.6	26.5	28.6	29.3	25.7	23.0	17.9
20	18.2	19.6	25.0	23.4	30.5	30.7	26.2	29.5	29.3	26.8	23.7	17.2
21	20.1	20.4	21.2	24.5	30.7	30.4	26.8	29.8	29.0	24.2	23.5	17.3
22	20.3	21.4	17.8	25.2	30.5	27.0	29.3	30.1	30.3	19.3	19.6	19.3
23	20.2	21.7	18.9	27.3	31.4	26.4	30.3	30.2	28.0	20.5	16.1	19.9
24	18.4	20.3	20.7	25.4	29.8	26.0	29.8	29.6	29.4	22.1	19.0	19.9
25	19.2	20.2	22.1	24.7	28.8	27.1	29.6	29.7	29.6	23.1	20.6	19.6
26	19.6	22.3	21.6	23.4	30.1	27.9	30.7	29.7	29.1	25.1	21.6	15.0
27	18.9	18.8	24.1	23.2	30.3	29.4	31.3	25.6	29.5	25.6	21.2	12.0
28	19.1	19.9	24.8	24.4	30.6	27.7	30.8	26.9	29.6	25.7	21.6	15.3
29	16.6		25.6	24.1	30.2	29.6	29.5	27.8	29.7	25.5	22.4	18.4
30	16.7		26.6	25.6	30.3	30.1	28.8	29.1	30.3	24.4	21.3	18.1
31	18.4		26.5		29.6		29.7	27.3		24.3		18.0
平均 Mean	16.2	19.8	22.0	24.1	29.0	28.8	29.7	28.8	29.7	26.0	22.4	18.9
正常 Normal (1961-1990)	15.8	15.9	18.5	22.2	25.9	27.8	28.8	28.4	27.6	25.2	21.4	17.6
正常 Normal (1971-2000)	16.1	16.3	18.9	22.5	25.8	27.9	28.7	28.4	27.6	25.3	21.4	17.8
正常 Normal (1981-2010)	16.3	16.8	19.1	22.6	25.9	27.9	28.8	28.6	27.7	25.5	21.8	17.9
正常 Normal (1991-2020)	16.5	17.1	19.5	23.0	26.3	28.3	28.9	28.7	27.9	25.7	22.2	18.2

表 3

Table 3

天文台於二零二一年每日的最高氣溫 (°C)

Daily Maximum Temperature (°C) at the Hong Kong Observatory in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	15.0	25.1	25.0	29.4	30.0	29.3	32.4	32.5	32.1	33.1	27.6	20.1
02	17.8	27.6	25.6	30.5	30.8	31.3	32.8	33.9	33.0	32.9	27.9	20.4
03	20.6	21.7	19.1	30.6	25.4	34.0	33.0	29.7	33.6	29.9	27.4	21.3
04	20.7	23.8	19.4	26.8	31.3	29.8	33.2	31.3	33.6	32.7	27.9	20.6
05	21.9	23.9	21.1	23.2	31.7	29.2	33.8	28.6	33.2	32.8	27.8	22.2
06	19.6	25.7	21.7	27.9	28.6	31.4	32.7	29.7	32.5	31.7	29.2	22.2
07	18.3	24.1	20.5	26.0	30.5	32.2	33.1	30.9	33.4	30.8	29.0	22.5
08	10.7	22.7	22.6	25.5	30.9	33.5	32.8	31.5	34.3	26.8	25.3	22.2
09	13.1	19.7	22.9	22.4	31.7	29.9	34.8	31.3	33.5	27.9	23.0	22.9
10	15.2	17.4	21.7	25.9	31.8	32.8	34.0	30.4	33.7	27.9	24.7	23.7
11	12.4	19.9	24.2	27.0	31.4	32.9	33.6	32.1	33.4	32.7	25.0	24.4
12	15.7	22.3	27.7	28.7	32.1	29.5	34.8	33.0	34.5	26.4	25.7	24.7
13	17.8	23.8	24.7	31.2	32.0	32.0	35.3	30.7	33.6	27.4	25.4	21.5
14	19.5	22.8	23.6	27.0	34.0	31.1	34.1	29.2	30.2	30.0	24.7	23.6
15	20.9	26.2	26.3	23.4	33.8	31.8	35.4	30.0	33.0	27.6	25.5	23.0
16	20.3	24.2	28.8	25.1	33.5	33.3	30.9	31.0	31.9	30.3	26.3	25.8
17	19.6	24.6	28.8	23.1	33.3	32.8	31.2	32.5	34.1	28.0	26.5	23.8
18	17.3	22.9	26.2	25.6	32.5	32.8	28.8	32.3	33.2	27.7	25.8	20.0
19	17.4	22.9	27.7	24.9	33.5	33.0	27.9	31.0	32.1	28.9	25.7	19.7
20	21.4	23.9	29.7	27.1	33.3	32.8	27.1	32.5	32.3	29.8	26.1	19.3
21	22.8	24.9	24.2	28.7	34.0	32.4	27.8	32.5	31.7	28.2	25.6	19.0
22	24.5	26.0	20.9	29.4	34.3	30.2	32.8	33.1	34.0	20.5	23.3	21.7
23	24.4	26.4	20.0	32.6	36.1	29.0	34.1	33.2	30.2	22.7	17.4	21.9
24	20.0	22.9	23.5	26.6	31.5	26.7	33.2	32.1	32.0	26.6	22.1	21.8
25	22.9	22.7	25.2	26.5	30.1	29.0	33.6	34.4	32.3	27.5	23.7	21.5
26	23.5	25.1	25.2	25.3	33.5	29.9	33.9	32.7	31.6	28.3	24.8	18.5
27	21.9	20.8	28.6	23.7	33.2	30.0	35.3	29.2	32.8	27.0	24.3	14.6
28	22.8	22.8	28.1	26.9	33.6	29.6	34.1	29.8	32.2	28.0	24.5	17.5
29	19.7		28.5	28.2	32.8	30.7	32.3	29.9	32.7	27.7	26.1	20.6
30	19.5		29.0	30.8	32.3	32.6	30.5	32.9	32.9	26.2	24.6	21.4
31	21.6		29.0		32.4		32.2	29.1		26.1		19.9
平均 Mean	19.3	23.5	24.8	27.0	32.1	31.2	32.6	31.4	32.8	28.5	25.4	21.4
正常 Normal (1961-1990)	18.6	18.6	21.3	24.9	28.7	30.3	31.5	31.3	30.3	27.9	24.2	20.5
正常 Normal (1971-2000)	18.6	18.6	21.5	25.1	28.4	30.4	31.3	31.1	30.2	27.7	24.0	20.3
正常 Normal (1981-2010)	18.6	18.9	21.4	25.0	28.4	30.2	31.4	31.1	30.1	27.8	24.1	20.2
正常 Normal (1991-2020)	18.7	19.4	21.9	25.6	28.8	30.7	31.6	31.3	30.5	28.1	24.5	20.4

表 4

Table 4

天文台於二零二一年每日的最低氣溫 (°C)

Daily Minimum Temperature (°C) at the Hong Kong Observatory in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	8.6	17.2	20.0	25.2	23.8	24.1	29.2	27.1	26.7	28.8	23.7	14.8
02	10.4	17.7	19.1	25.0	24.5	25.0	29.3	28.5	27.7	28.3	24.1	14.6
03	13.4	16.7	17.8	24.4	23.5	27.9	29.1	27.1	27.8	27.0	24.1	14.7
04	16.9	16.8	18.3	22.6	23.1	26.7	28.9	25.9	27.9	28.1	24.1	15.3
05	17.3	17.3	19.2	21.6	23.3	25.6	28.0	26.2	28.3	28.7	24.6	16.7
06	16.0	17.5	19.6	22.1	23.4	26.4	26.7	26.4	28.0	27.6	24.0	16.4
07	10.6	18.1	19.1	21.8	24.0	26.6	26.6	27.6	28.1	25.0	24.8	17.1
08	7.7	18.2	18.3	22.2	25.4	26.5	28.4	27.8	28.2	24.7	18.1	18.4
09	8.0	17.3	18.6	19.7	26.8	26.4	28.2	27.2	27.8	25.3	16.9	18.7
10	11.0	15.8	19.2	20.2	26.4	25.5	28.2	27.5	28.6	25.3	17.8	18.6
11	9.2	15.3	18.8	20.9	27.7	26.7	28.8	27.1	28.4	26.0	18.9	20.0
12	8.6	15.5	20.2	22.2	28.2	26.2	28.7	26.8	29.0	23.6	20.0	19.2
13	10.4	16.5	20.5	23.0	28.0	26.0	28.8	26.6	29.5	22.9	20.1	17.4
14	11.8	17.4	20.1	23.3	28.1	27.8	29.1	26.6	26.7	26.1	19.3	18.7
15	14.6	17.8	19.9	21.5	27.9	27.2	28.9	25.7	27.9	25.2	20.4	19.9
16	15.8	18.2	21.1	21.5	28.2	29.1	28.7	26.2	26.8	24.3	21.0	21.7
17	14.1	18.3	21.8	22.3	28.8	27.7	26.9	27.4	27.5	22.2	22.0	18.9
18	11.7	16.7	22.2	22.3	28.3	29.0	24.9	28.1	28.3	20.9	20.2	16.3
19	12.6	15.8	22.8	21.2	28.8	29.5	25.0	26.2	27.4	23.5	21.3	16.0
20	16.1	16.7	22.3	21.4	29.2	29.4	25.3	27.3	27.9	25.0	22.4	15.7
21	17.6	17.3	17.2	22.1	29.5	29.4	25.3	28.0	26.7	19.3	22.7	16.0
22	18.2	18.4	15.8	22.5	27.8	24.7	26.9	28.3	27.9	18.2	16.8	17.1
23	17.7	18.8	17.9	23.9	28.9	25.1	27.4	28.4	26.0	18.3	14.3	18.7
24	17.3	18.9	18.4	24.5	27.6	25.1	26.5	26.6	27.8	19.8	16.9	18.2
25	16.9	18.8	20.7	22.4	27.5	26.0	25.9	28.2	27.9	19.7	18.4	17.9
26	17.4	20.4	19.5	21.8	27.8	25.9	28.7	27.1	27.8	22.7	18.6	11.7
27	17.6	18.1	21.8	22.7	28.2	28.4	29.5	23.4	28.1	24.9	18.7	9.9
28	16.5	18.1	22.6	23.0	28.5	24.0	29.1	24.9	27.9	24.2	19.2	12.2
29	14.3		23.6	21.7	28.8	28.8	28.3	25.3	27.9	23.9	19.4	16.6
30	14.8		25.3	22.5	29.2	29.0	26.5	27.4	28.4	23.0	17.1	16.2
31	16.0		25.3		26.7		27.0	25.2		23.4		17.1
平均 Mean	13.8	17.5	20.2	22.4	27.0	26.9	27.7	26.8	27.8	24.1	20.3	16.8
正常 Normal (1961-1990)	13.6	13.9	16.5	20.2	23.9	25.9	26.6	26.3	25.5	23.1	19.2	15.4
正常 Normal (1971-2000)	14.1	14.4	16.9	20.6	23.9	26.1	26.7	26.4	25.6	23.4	19.4	15.7
正常 Normal (1981-2010)	14.5	15.0	17.2	20.8	24.1	26.2	26.8	26.6	25.8	23.7	19.8	15.9
正常 Normal (1991-2020)	14.6	15.3	17.6	21.1	24.5	26.5	26.9	26.7	26.1	23.9	20.3	16.2

表 5

天文台於二零二一年每日的平均相對濕度 (%)

Table 5

Daily Mean Relative Humidity (%) at the Hong Kong Observatory in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	40	76	81	79	76	91	78	83	85	79	76	40
02	52	76	75	79	82	85	77	80	80	74	76	42
03	65	69	81	74	89	77	79	88	79	79	75	35
04	66	68	87	86	84	84	79	85	79	71	78	46
05	65	72	91	84	79	73	79	90	79	69	84	55
06	72	73	93	77	79	74	80	89	77	69	79	59
07	67	74	90	76	77	78	81	85	78	75	83	65
08	52	79	83	74	79	79	79	85	74	94	61	67
09	38	76	79	82	79	87	76	85	73	91	50	72
10	40	89	79	65	76	83	76	87	71	86	41	73
11	44	78	79	73	77	82	77	84	75	68	47	74
12	33	69	77	80	78	89	75	82	76	65	51	75
13	48	76	76	77	79	85	72	83	77	89	49	67
14	55	75	80	84	77	81	75	85	83	86	59	72
15	59	70	76	91	74	79	71	87	75	85	65	78
16	68	71	78	88	74	76	78	83	77	73	71	81
17	58	70	80	88	75	77	80	78	77	68	74	69
18	53	65	87	67	76	77	90	77	79	70	69	58
19	64	66	82	67	75	77	93	84	86	75	77	51
20	69	73	81	73	75	78	94	77	84	78	77	78
21	73	74	73	74	75	80	94	76	82	80	82	88
22	80	78	61	74	77	87	80	74	77	77	76	80
23	78	74	61	75	74	88	77	75	87	75	69	77
24	83	79	68	82	81	91	82	79	81	69	65	84
25	74	85	70	85	83	87	81	79	76	66	64	75
26	78	86	75	80	77	90	78	80	72	69	64	78
27	77	89	80	90	76	84	75	89	75	76	63	81
28	70	83	80	88	77	89	79	81	75	77	69	74
29	60		82	74	79	82	82	83	77	76	67	74
30	68		78	77	81	79	83	81	78	81	59	77
31	67		79		84		84	88		75		78
平均 Mean	62	75	79	79	78	82	80	83	78	76	67	68
正常 Normal (1961-1990)	71	78	81	83	83	82	80	81	78	73	69	68
正常 Normal (1971-2000)	73	78	82	83	84	82	81	82	79	74	70	69
正常 Normal (1981-2010)	74	80	82	83	83	82	81	81	78	73	71	69
正常 Normal (1991-2020)	74	79	82	83	83	82	81	81	78	73	72	70

表 6
Table 6

天文台於二零二一年每日的總雨量 (毫米)
Daily Total Rainfall (mm) at the Hong Kong Observatory in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	-	-	Trace	Trace	-	45.8	Trace	11.6	5.9	Trace	Trace	-
02	-	-	Trace	-	1.2	2.4	-	Trace	-	-	Trace	-
03	-	-	0.3	-	8.8	-	Trace	19.7	Trace	1.9	Trace	-
04	-	-	1.0	0.8	12.5	7.5	-	41.9	0.9	-	-	-
05	-	-	Trace	0.7	0.5	Trace	2.3	28.1	Trace	Trace	-	-
06	-	-	1.5	-	Trace	Trace	18.4	31.0	-	Trace	-	-
07	-	-	0.2	-	-	Trace	11.7	-	0.2	43.9	-	-
08	-	-	0.3	-	-	0.9	1.5	3.1	-	329.7	2.0	-
09	-	Trace	-	7.5	-	48.6	-	36.3	-	130.3	-	-
10	-	32.2	Trace	-	-	29.4	-	17.3	-	45.1	-	-
11	-	-	-	-	Trace	31.2	Trace	3.0	-	-	-	-
12	-	-	-	-	Trace	30.3	0.1	1.0	-	0.2	-	-
13	-	-	Trace	-	3.9	2.8	-	5.4	-	57.7	Trace	-
14	-	-	-	Trace	-	0.3	1.5	2.2	33.8	13.3	-	Trace
15	-	-	-	8.3	-	6.2	-	5.7	-	4.6	-	0.2
16	-	-	-	1.5	Trace	-	Trace	3.9	Trace	Trace	-	Trace
17	-	-	Trace	2.5	-	9.6	0.2	-	7.6	-	-	-
18	-	-	0.2	Trace	1.3	3.9	42.4	-	0.2	-	-	-
19	-	-	Trace	-	-	Trace	117.2	34.6	21.2	-	Trace	-
20	-	-	-	-	-	-	87.8	Trace	9.4	0.1	0.3	9.4
21	-	-	-	-	Trace	1.2	28.4	-	10.2	0.7	-	2.4
22	-	-	Trace	-	2.6	75.3	-	-	0.5	Trace	3.5	Trace
23	-	-	-	-	Trace	66.4	-	Trace	38.4	-	Trace	0.8
24	Trace	Trace	-	Trace	15.7	20.8	26.5	23.7	1.2	-	-	1.7
25	-	1.8	-	0.9	4.8	6.8	8.9	1.1	0.1	-	-	Trace
26	-	14.7	-	0.3	4.0	61.3	-	2.2	-	-	-	3.5
27	-	13.4	-	5.7	1.0	5.8	Trace	29.3	-	Trace	-	1.3
28	-	Trace	-	4.2	-	166.5	Trace	22.0	-	0.1	-	0.2
29	-	-	-	0.1	-	4.6	7.8	13.9	-	1.1	-	-
30	-	-	-	-	Trace	0.4	7.9	Trace	-	2.4	-	-
31	-	-	-	-	8.7	-	16.9	13.5	-	-	-	Trace
月總雨量 Total	Trace	62.1	3.5	32.5	65.0	628.0	379.5	350.5	129.6	631.1	5.8	19.5
正常 Normal (1961-1990)	23.4	48.0	66.9	161.5	316.7	376.0	323.5	391.4	299.7	144.8	35.1	27.3
正常 Normal (1971-2000)	24.9	52.3	71.4	188.5	329.5	388.1	374.4	444.6	287.5	151.9	35.1	34.5
正常 Normal (1981-2010)	24.7	54.4	82.2	174.7	304.7	456.1	376.5	432.2	327.6	100.9	37.6	26.8
正常 Normal (1991-2020)	33.2	38.9	75.3	153.0	290.6	491.5	385.8	453.2	321.4	120.3	39.3	28.8

- 表示無雨

Trace 表示少於 0.05 毫米的微量記錄

- means no rainfall

Trace means rainfall less than 0.05 mm

表 7

天文台於二零二一年每日的平均雲量 (%)

Table 7

Daily Mean Amount of Cloud (%) at the Hong Kong Observatory in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	14	19	78	80	83	92	88	83	84	65	63	23
02	12	21	59	55	82	85	87	84	74	68	74	11
03	54	25	88	47	95	63	85	82	66	82	65	9
04	87	11	93	88	82	87	81	84	49	51	61	37
05	60	30	88	88	74	80	68	88	61	45	61	31
06	68	3	93	78	75	64	74	89	73	63	23	7
07	88	13	88	81	81	68	73	86	72	88	38	56
08	88	75	83	87	52	84	49	86	66	96	35	19
09	84	88	55	88	64	88	28	88	66	97	76	17
10	88	90	87	52	66	82	60	88	79	89	41	30
11	88	78	64	55	74	85	84	87	77	66	64	26
12	8	28	32	55	80	88	73	78	78	84	54	20
13	11	62	57	27	85	88	55	80	80	90	46	53
14	18	28	76	70	70	88	47	87	81	88	23	71
15	26	8	46	95	44	87	41	83	71	92	59	87
16	69	20	22	89	58	82	81	56	86	57	41	69
17	39	23	42	88	74	63	88	42	81	82	65	70
18	5	18	81	89	78	66	88	80	69	59	45	88
19	50	7	55	88	76	81	93	72	83	39	71	88
20	85	40	32	83	86	84	95	47	80	49	48	91
21	69	20	80	33	80	86	88	68	74	76	56	77
22	61	8	87	23	71	88	66	63	66	88	80	89
23	24	9	88	22	72	89	40	61	87	95	89	88
24	73	88	86	79	83	90	70	78	76	61	55	84
25	28	74	45	84	85	87	55	84	64	49	34	66
26	9	84	65	88	67	89	53	71	86	68	24	92
27	46	88	62	88	71	88	67	82	60	86	52	88
28	27	86	46	88	71	92	76	77	66	87	38	89
29	11		81	84	84	86	84	86	44	84	10	65
30	27		81	73	84	88	85	75	38	88	21	51
31	31		86		88		88	87		75		76
平均 Mean	47	41	69	71	75	83	71	77	71	74	50	57
正常 Normal (1961-1990)	58	73	76	78	74	75	65	66	63	56	53	49
正常 Normal (1971-2000)	60	73	79	80	77	76	68	69	65	57	53	51
正常 Normal (1981-2010)	61	74	79	81	76	77	69	69	66	58	54	52
正常 Normal (1991-2020)	62	72	77	77	76	77	72	70	66	58	58	57

表 8

京士柏於二零二一年每日的總日照時間 (小時)

Table 8

Daily Total Bright Sunshine Duration (hours) at King's Park in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	9.6	10.1	5.1	3.7	5.7	0.4	7.5	5.3	6.2	6.9	9.3	9.7
02	9.6	10.2	8.7	8.0	3.5	1.3	8.0	5.8	10.1	8.2	6.9	9.6
03	9.2	10.2	0.3	8.1	0.1	9.3	5.4	0.9	6.2	2.9	8.6	9.7
04	2.9	10.2	-	0.1	6.7	0.9	7.5	1.5	5.1	8.5	9.0	9.6
05	5.3	10.2	0.1	0.4	9.0	3.1	6.5	0.1	8.2	10.5	4.4	9.5
06	5.9	10.2	0.1	6.8	6.7	5.9	6.1	0.3	6.8	6.9	10.2	9.6
07	2.0	10.4	-	4.8	10.1	6.2	5.8	3.2	9.3	0.4	8.5	6.2
08	-	2.1	3.6	1.4	10.1	10.1	7.0	1.6	11.0	-	9.4	9.6
09	2.7	0.3	4.0	0.1	8.2	3.9	9.7	1.7	8.0	0.2	7.8	9.6
10	0.9	-	1.2	10.3	8.5	6.8	11.7	0.8	10.5	-	8.9	9.5
11	-	0.4	7.1	7.4	5.2	7.0	9.8	5.6	8.5	10.7	7.9	9.6
12	9.7	9.8	10.3	5.9	4.1	0.8	10.2	6.5	9.6	0.6	9.5	9.5
13	9.7	7.5	6.3	10.9	5.0	2.1	11.7	6.4	6.5	0.2	9.6	6.6
14	9.7	10.4	3.9	2.8	5.9	3.6	8.0	0.9	1.5	5.2	10.0	7.0
15	9.7	10.6	9.9	-	10.8	7.2	12.0	1.2	10.0	-	8.1	2.7
16	9.2	10.6	10.2	0.9	9.6	6.2	0.5	6.0	3.2	8.6	9.9	4.1
17	9.0	9.4	10.7	-	6.5	8.6	5.6	11.1	7.8	8.2	4.3	0.9
18	9.6	10.4	3.6	3.3	5.5	9.5	0.4	7.0	9.1	4.6	9.7	6.1
19	4.6	10.4	9.0	1.8	6.3	8.2	0.3	5.6	5.8	9.7	3.8	1.2
20	3.4	10.4	10.6	4.9	5.6	8.3	-	11.1	7.3	10.3	9.5	-
21	5.0	10.7	-	10.8	7.8	4.6	0.2	11.2	5.6	1.8	4.0	0.1
22	9.8	10.6	1.9	10.3	7.5	0.3	11.7	10.8	10.3	-	0.3	2.0
23	8.5	10.6	0.1	11.0	11.4	0.2	10.7	9.9	1.2	0.8	-	2.9
24	4.6	2.9	3.8	2.1	5.7	0.2	6.3	7.2	6.8	7.8	7.8	1.0
25	9.9	1.4	9.0	0.8	3.8	0.9	9.6	7.7	8.5	7.4	7.8	3.7
26	9.4	2.6	6.9	0.5	8.7	0.8	9.9	8.5	5.3	8.6	9.6	0.5
27	8.3	-	7.0	-	10.6	1.4	8.5	0.5	7.0	1.3	9.7	1.4
28	8.8	2.5	8.0	0.5	11.1	0.1	6.4	7.3	6.0	4.8	9.7	0.4
29	10.1		5.8	4.7	7.8	0.8	1.8	4.0	8.8	8.4	9.7	6.9
30	10.0		3.8	9.1	4.9	3.5	0.6	8.9	8.3	1.5	9.4	8.7
31	10.2		2.4		1.6		4.1	1.4		4.1		4.2
月總日照 Total	217.3	205.1	153.4	131.4	214.0	122.2	203.5	160.0	218.5	149.1	233.3	172.1
正常 Normal (1961-1990)	152.4	97.7	96.4	108.9	153.8	161.1	231.1	207.0	181.7	195.0	181.5	181.5
正常 Normal (1971-2000)	141.7	93.8	89.6	101.8	138.6	158.3	214.9	189.7	171.8	191.1	178.2	173.3
正常 Normal (1981-2010)	143.0	94.2	90.8	101.7	140.4	146.1	212.0	188.9	172.3	193.9	180.1	172.2
正常 Normal (1991-2020)	145.8	101.7	100.0	113.2	138.8	144.3	197.3	182.1	174.4	197.8	172.3	161.6

- 表示無日照

- means no sunshine

表 9(a)

京士柏於二零二一年每日的太陽總輻射 (MJ/m²)

Table 9(a)

Daily Global Solar Radiation (MJ/m²) at King's Park in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	17.52	18.89	14.92	13.34	19.11	7.34	21.48	17.98	21.31	14.76	18.92	18.12
02	17.79	18.21	18.97	18.54	14.33	9.73	21.74	19.21	26.19	17.59	15.53	17.81
03	16.82	19.02	6.15	19.02	4.23	24.02	17.36	9.17	17.17	8.91	18.17	18.32
04	10.55	18.95	2.22	3.46	21.33	11.02	18.87	9.53	13.72	19.01	17.98	17.57
05	12.28	19.82	4.68	5.24	22.34	14.04	21.23	5.03	21.15	22.39	11.91	17.04
06	13.66	19.22	6.52	19.51	19.54	13.52	20.47	9.56	14.06	17.53	19.22	17.46
07	10.10	20.22	3.50	13.82	20.82	21.93	19.86	12.26	21.54	8.49	16.28	12.44
08	5.80	10.88	11.05	12.02	25.36	25.06	19.73	13.93	26.83	0.67	18.74	17.18
09	10.34	5.94	12.06	5.58	22.15	13.07	24.46	9.80	17.85	3.43	14.86	16.29
10	9.06	2.30	9.67	24.14	22.97	21.99	28.35	6.71	24.53	4.78	18.48	17.06
11	2.54	8.22	18.38	21.67	16.77	21.22	25.10	16.93	21.22	21.61	16.41	16.91
12	18.67	20.04	19.88	17.78	14.91	8.33	25.83	15.18	21.20	6.20	18.33	16.23
13	18.15	16.37	17.75	23.71	15.90	13.19	28.04	15.04	17.23	3.67	18.14	12.65
14	17.01	20.31	10.94	11.38	19.55	13.67	16.38	7.61	6.94	13.81	18.46	13.78
15	17.33	21.24	22.79	3.89	26.89	20.61	28.51	9.52	22.95	4.32	15.83	8.38
16	16.17	19.98	19.05	7.10	25.80	19.71	7.92	17.09	11.93	17.91	17.30	11.64
17	14.77	17.63	21.40	2.75	21.13	23.71	17.05	26.60	18.57	18.85	11.74	8.21
18	16.44	20.32	9.56	15.08	17.49	26.36	6.17	19.42	22.52	14.13	16.30	12.25
19	12.28	20.51	20.66	14.38	18.43	23.52	5.06	15.19	17.73	18.71	9.78	9.16
20	12.18	19.77	19.20	18.11	18.86	21.53	1.78	26.58	17.46	21.10	17.82	2.35
21	11.15	20.79	3.39	25.15	23.43	17.00	4.36	25.88	9.28	6.03	11.24	3.26
22	15.77	19.13	10.89	25.14	18.72	6.47	26.56	25.80	24.08	5.63	4.61	8.72
23	16.16	20.62	6.74	24.89	26.52	5.28	24.27	22.99	7.12	9.09	3.98	9.99
24	10.87	11.73	13.71	12.81	15.09	6.63	17.91	17.64	17.07	17.52	15.83	6.69
25	17.71	8.55	21.03	11.69	10.85	10.39	24.46	20.39	20.54	18.18	15.15	10.66
26	16.93	10.59	17.88	8.45	22.15	8.61	21.93	21.58	13.53	17.69	16.89	3.34
27	16.13	2.48	17.97	4.28	28.10	7.30	21.47	2.90	16.80	8.06	16.96	9.00
28	15.91	10.58	18.91	10.48	27.73	4.35	18.38	17.61	14.06	13.24	17.18	7.67
29	19.21		17.19	15.92	21.14	9.91	9.80	11.41	18.94	18.06	17.29	13.56
30	18.72		13.20	23.18	17.88	14.65	10.56	22.77	18.26	9.66	16.95	14.67
31	19.17		11.29		9.33		16.32	5.49		8.89		9.34
平均 Mean	14.43	15.80	13.60	14.42	19.64	14.81	18.43	15.38	18.06	12.58	15.54	12.19
正常 Normal (1961-1990)	11.63	10.69	11.24	13.14	16.12	16.55	19.15	17.61	16.49	15.46	13.39	12.03
正常 Normal (1971-2000)	10.55	9.61	10.18	11.83	14.35	15.31	17.52	16.07	15.14	14.46	12.64	11.13
正常 Normal (1981-2010)	10.17	9.39	9.96	11.60	14.19	14.19	17.17	15.63	14.61	14.05	12.28	10.89
正常 Normal (1991-2020)	10.55	10.24	10.71	12.52	14.46	14.61	17.22	15.73	14.99	14.52	12.26	10.91

表 9(b)

京士柏於二零二一年每日的太陽直接輻射 (MJ/m²)

Table 9(b)

Daily Direct Solar Radiation (MJ/m²) at King's Park in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	25.85	23.39	4.68	3.93	6.89	0.28	12.89	8.88	13.06	5.58	19.68	27.41
02	27.27	22.53	14.33	9.65	3.47	0.97	12.47	9.36	25.46	12.52	12.95	27.01
03	21.81	22.53	0.05	9.81	0.00	20.20	6.97	0.35	14.01	2.18	16.83	28.94
04	1.64	22.80	0.00	0.01	13.74	0.64	11.04	0.66	11.68	17.48	17.66	27.16
05	7.53	25.84	0.01	0.12	13.29	2.36	14.49	0.01	18.17	22.74	6.54	24.88
06	9.39	25.44	0.02	10.78	10.53	5.94	11.78	0.14	5.62	11.09	24.44	27.05
07	0.99	27.68	0.00	7.29	12.15	12.34	9.89	3.54	17.90	0.36	16.19	8.22
08	0.01	1.95	2.79	0.40	21.84	19.00	14.23	1.34	29.30	0.00	25.36	26.40
09	3.27	0.07	4.37	0.04	12.95	2.58	20.50	1.28	14.02	0.01	10.34	21.40
10	1.03	0.00	1.50	19.62	16.97	14.28	29.21	0.49	25.36	0.02	24.28	24.70
11	0.00	0.25	9.26	18.04	9.43	12.73	20.13	6.95	13.57	25.22	14.96	23.32
12	26.82	21.20	13.51	8.06	6.70	0.63	24.19	9.19	10.85	0.22	23.81	21.49
13	26.09	11.24	8.72	19.16	5.58	2.03	29.38	4.57	6.74	0.03	23.81	8.71
14	20.32	19.96	2.04	1.88	11.48	3.92	13.01	0.94	0.55	5.50	25.98	13.61
15	22.94	26.99	19.90	0.00	25.38	12.00	30.87	0.52	20.35	0.00	12.42	1.07
16	14.51	20.80	12.18	0.38	23.82	12.85	0.19	12.44	5.02	16.17	21.03	3.80
17	11.86	15.72	16.45	0.00	14.25	18.83	5.28	28.38	9.51	15.75	5.29	0.57
18	18.17	21.26	3.93	2.73	9.86	20.44	0.33	14.19	18.09	7.25	17.89	8.68
19	9.33	21.31	13.90	0.83	12.60	13.08	0.14	7.38	9.50	17.85	7.90	0.31
20	2.51	18.84	12.66	4.39	10.93	10.02	0.00	28.63	11.95	24.47	22.69	0.00
21	5.06	22.77	0.04	18.91	17.92	6.40	0.11	24.58	5.87	1.00	3.08	0.03
22	15.76	19.01	0.43	19.34	14.64	0.12	27.10	27.79	26.87	0.00	0.05	0.52
23	16.06	22.54	0.04	18.57	25.42	0.14	18.74	22.32	1.00	0.32	0.00	1.14
24	5.78	3.13	2.85	1.56	6.14	0.06	7.59	10.26	10.10	17.72	15.11	0.52
25	19.91	0.72	12.91	0.32	2.99	0.87	14.60	14.57	18.72	18.46	16.80	4.41
26	16.23	1.75	9.99	0.19	16.43	0.50	12.86	19.74	4.97	18.11	24.52	0.23
27	13.26	0.00	6.72	0.00	29.22	0.51	14.94	0.40	9.03	0.75	22.34	0.99
28	12.61	2.60	8.91	0.16	26.09	0.06	9.16	14.60	6.43	5.07	24.93	0.33
29	25.58		5.79	4.79	11.79	0.63	1.01	3.88	9.77	15.44	26.90	8.66
30	22.10		4.60	13.60	5.15	5.01	0.33	15.53	10.44	0.86	23.49	18.46
31	25.31*		2.61		1.57		5.17	0.35		2.64		3.87
平均 Mean	13.84	15.08	6.30	6.49	12.88	6.65	12.21	9.46	12.80	8.54	16.91	11.74

* 表示數據不完整

* means incomplete data

表 9(c)

京士柏於二零二一年每日的太陽漫射輻射 (MJ/m²)

Table 9(c)

Daily Diffuse Solar Radiation (MJ/m²) at King's Park in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	3.18	4.60	10.75	10.03	12.53	6.67	9.87	10.08	10.42	10.45	5.92	3.06
02	2.85	4.53	8.05	10.62	10.98	8.43	10.85	10.37	7.67	8.51	6.97	2.96
03	4.38	4.82	5.81	10.74	4.02	7.58	10.81	8.43	6.88	7.35	6.43	2.60
04	9.03	4.80	2.14	3.30	9.39	10.09	9.48	8.71	6.31	6.35	6.12	2.86
05	8.07	3.89	4.45	4.90	9.84	11.51	8.95	4.79	7.33	6.45	6.73	3.20
06	7.53	3.82	6.18	10.62	9.29	8.89	9.81	9.00	10.01	9.93	4.30	2.85
07	8.98	3.31	3.29	8.07	11.24	10.87	11.01	9.01	8.70	7.94	6.95	8.24
08	5.48	8.93	8.88	11.24	7.64	8.48	8.25	12.11	4.82	0.64	2.86	2.68
09	8.39	5.59	8.99	5.25	9.90	10.46	6.81	8.28	8.40	3.28	8.38	4.27
10	7.88	2.21	7.90	8.53	9.94	9.11	4.28	5.99	5.04	4.55	2.98	3.48
11	2.39	7.67	11.20	6.75	9.82	10.04	8.25	11.20	9.99	4.87	6.61	4.11
12	3.38	5.65	9.39	11.20	9.60	7.38	5.99	9.63	11.95	5.80	4.20	4.11
13	3.38	7.84	10.33	8.50	10.71	11.01	4.35	10.91	11.97	3.49	3.40	7.36
14	5.00	7.00	9.49	9.40	10.60	10.27	6.71	6.73	6.36	9.79	3.08	5.48
15	4.12	3.73	7.43	3.65	7.15	10.68	3.80	8.66	7.83	4.14	8.89	7.51
16	7.20	5.58	9.54	6.42	7.36	10.02	7.43	7.94	7.16	6.84	4.65	8.78
17	7.32	6.69	8.91	2.63	7.91	8.45	12.89	3.73	10.29	7.84	7.77	7.57
18	5.52	5.67	6.91	11.99	9.16	9.17	5.54	6.45	8.00	10.05	6.17	7.02
19	7.10	5.72	9.04	12.92	9.31	12.76	4.63	9.44	10.23	6.75	4.79	8.53
20	10.50	6.62	9.37	13.63	9.26	13.06	1.67	3.75	8.48	4.74	3.80	2.22
21	8.79	5.36	3.22	9.36	7.75	10.94	4.06	5.22	6.28	5.32	9.15	3.10
22	6.68	6.09	10.06	9.31	7.58	6.08	5.20	3.80	4.97	5.32	4.34	8.02
23	5.72	5.07	6.36	9.25	6.34	4.97	8.32	5.75	6.10	8.45	3.77	8.83
24	7.09	9.09	10.92	11.40	9.91	6.28	10.87	8.96	9.38	6.10	5.83	6.07
25	5.51	7.68	9.87	10.89	8.42	9.31	11.77	8.14	6.40	5.51	4.35	8.07
26	6.48	9.02	9.64	7.85	9.51	7.86	11.04	6.16	9.92	5.80	3.12	3.08
27	7.33	2.36	12.60	4.05	4.37	6.47	7.97	2.36	9.83	7.47	4.09	7.84
28	7.55	8.28	11.81	9.96	6.17	4.08	10.00	7.43	9.30	9.24	3.34	7.06
29	3.87		11.76	11.34	10.64	9.03	8.58	8.14	11.29	7.31	2.61	8.05
30	5.02		9.15	10.84	12.85	9.73	9.79	9.35	10.37	8.70	3.83	4.77
31	3.87*		8.80		7.83		11.29	4.85		7.16		7.35
平均 Mean	6.12	5.77	8.46	8.82	8.94	8.99	8.07	7.59	8.39	6.65	5.18	5.52

* 表示數據不完整

* means incomplete data

表 9(d)

滙西洲於二零二一年每日的太陽總輻射 (MJ/m²)

Table 9(d)

Daily Global Solar Radiation (MJ/m²) at Kau Sai Chau in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	17.66	18.82	9.49	19.71	20.27	8.90	16.62	14.72	16.56	18.87	18.05	18.51
02	17.85	18.68	19.46	19.98	15.96	12.01	22.79	20.29	18.53	22.14	15.63	18.10
03	16.25	18.82	4.44	19.59	4.76	25.96	23.75	12.25	24.84	9.44	16.12	18.61
04	11.92	18.90	1.39	3.41	19.57	12.75	26.12	10.39	22.74	21.14	17.66	17.89
05	13.76	19.75	1.98	4.94	19.10	14.05	25.82	6.92	21.37	19.87	11.12	17.34
06	13.52	19.97	2.86	16.10	17.72	16.65	20.17	10.93	20.48	15.75	17.49	17.82
07	10.95	19.92	2.69	13.12	23.89	20.91	23.05	10.25	19.49	9.76	9.39	12.74
08	6.30	14.26	11.8*	11.55	26.51	25.07	26.68	15.80	26.43	0.64	18.73	17.30
09	11.78	4.22	14.94	3.91	24.72	18.57	28.28	16.26	22.55	4.19	15.32	16.59
10	9.40	2.49	7.98	22.78	23.37	22.81	22.70	12.67	24.39	7.36	18.51	17.30
11	2.49	12.02	13.05	24.18	23.40	18.98	24.21	22.65	19.53	22.13	15.63	15.82
12	18.68	20.16	20.35	16.88	24.02	11.41	22.94	20.84	20.68	9.30	18.76	16.44
13	18.44	18.47	18.45	25.15	22.95	16.68	25.65	19.25	15.18	3.21	18.62	15.75
14	17.05	17.77	12.20	6.61	19.20	19.12	27.83	7.66	12.02	15.27	18.60	15.25
15	17.30	21.31	20.98	3.27	27.87	23.16	28.10	12.21	20.89	5.31	16.21	6.43
16	15.57	19.95	20.55	7.13	25.76	23.84	8.44	18.07	11.50	21.86	17.48	9.65
17	14.69	19.42	21.82	2.28	22.32	24.52	13.78	24.34	20.66	18.56	14.87	9.24
18	16.56	20.29	6.93	14.18	22.09	21.99	5.97	18.96	21.98	13.96	16.50	12.14
19	11.94	20.65	17.80	15.63	23.75	23.03	6.87	19.57	19.71	17.23	11.35	9.89
20	11.86	20.19	21.71	19.46	20.23	22.99	2.07	23.19	20.33	20.47	16.72	2.45
21	11.66	21.01	4.01	25.05	24.44	14.47	4.37	24.54	18.66	6.75	10.80	2.89
22	16.70	20.86	11.57	23.33	23.15	7.40	26.22	26.80	21.53	4.60	4.95	11.42
23	17.13	20.81	7.54	24.92	28.18	3.89	23.15	24.02	6.37	10.11	3.28	10.43
24	12.24	7.56	15.30	8.53	15.64	5.33	16.22	23.67	17.35	19.28	15.49	6.23
25	16.92	8.63	22.44	4.82	16.07	8.61	19.22	23.09	23.00	18.23	15.26	11.04
26	17.17	12.13	16.22	7.63	22.44	10.07	22.54	25.85	15.77	20.92	17.49	3.54
27	15.66	2.11	18.96	5.09	26.72	8.43	20.29	3.72	19.97	10.94	17.25	9.27
28	16.70	8.80	19.08	10.54	25.40	4.67	13.62	15.71	21.52	12.58	17.32	8.21
29	19.03		18.02	16.23	22.37	12.25	10.69	13.90	19.29	16.84	17.80	14.33
30	18.40		19.29	23.98	19.64	19.41	10.78	22.72	18.24	10.20	16.92	17.12
31	18.83		16.15		9.41		15.73	5.45		10.47		9.64
平均 Mean	14.66	16.00	13.53	14.00	21.32	15.93	18.86	16.99	19.39	13.46	15.31	12.56

* 表示數據不完整

* means incomplete data

表 9(e)

濠西洲於二零二一年每日的太陽直接輻射 (MJ/m²)

Table 9(e)

Daily Direct Solar Radiation (MJ/m²) at Kau Sai Chau in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	25.06	21.08	0.43	10.26	7.43	0.54	7.46	6.46	7.52	10.76	17.18	27.75
02	25.95	20.37	14.98	10.80	5.92	1.35	12.64	10.29	15.10	19.94	11.40	26.90
03	19.17	20.06	0.16	11.16	0.00	24.00	15.34	0.77	26.14	1.30	10.93	28.82
04	2.86	19.87	0.00	0.02	12.67	0.84	20.60	1.30	25.46	21.07	18.07	27.06
05	9.59	23.06	0.00	0.00	12.70	3.20	21.71	0.13	19.32	18.24	5.49	24.79
06	7.43	24.06	0.00	6.89	8.03	8.50	10.34	0.24	12.31	10.61	20.03	26.84
07	1.64	23.59	0.00	5.51	17.93	8.26	14.08	3.11	18.05	1.42	3.52	7.06
08	0.02	5.77	2.59*	0.34	23.68	18.81	23.77	1.67	29.22	0.00	25.25	25.95
09	6.62	0.01	5.85	0.01	18.16	4.62	32.48	5.87	20.19	0.01	9.47	21.80
10	1.47	0.00	0.45	17.44	19.18	13.04	20.99	2.08	25.12	0.15	24.21	23.79
11	0.00	3.92	1.79	20.21	17.68	10.07	19.60	13.26	11.82	26.86	13.51	18.03
12	25.20	23.22	14.63	6.16	16.87	1.23	21.86	13.54	11.06	2.22	24.65	21.05
13	25.54	15.18	8.60	23.34	12.77	4.54	25.02	11.49	6.25	0.01	25.01	14.09
14	19.36	15.16	2.30	0.18	11.83	9.45	30.35	0.32	7.00	6.95	26.35	15.76
15	21.51	27.31	16.77	0.00	30.36	15.92	31.78	1.06	16.49	0.01	13.47	0.08
16	11.95	21.60	14.14	0.46	24.76	17.17	0.49	12.22	4.94	23.74	20.66	2.65
17	10.75	19.79	18.20	0.00	16.18	22.25	3.30	24.28	14.14	15.54	10.42	1.71
18	17.01	21.22	0.05	4.22	16.68	17.26	0.02	12.73	18.67	7.12	17.79	8.53
19	8.20	21.81	10.47	1.28	21.28	15.50	0.21	12.76	13.23	16.92	7.45	0.60
20	1.76	19.78	16.54	5.87	10.09	13.91	0.00	22.39	16.37	21.71	19.58	0.00
21	5.98	22.68	0.05	19.70	20.78	4.57	0.02	23.02	19.00	3.42	3.56	0.19
22	17.20	23.27	0.78	14.18	20.93	0.06	27.12	30.79	21.89	0.00	0.01	1.81
23	18.18	23.47	0.10	18.69	31.48	0.02	19.72	25.68	0.95	0.81	0.00	1.78
24	7.52	0.14	4.27	0.06	8.33	0.00	6.65	19.89	10.85	17.50	14.46	0.28
25	16.09	0.83	16.16	0.01	7.06	0.10	9.19	18.97	23.00	19.39	18.24	3.66
26	15.80	2.73	5.60	0.07	17.94	1.32	13.15	26.53	7.00	23.81	25.43	0.02
27	11.13	0.00	8.18	0.00	27.99	0.79	14.72	1.70	13.78	3.47	22.47	1.30
28	12.87	2.22	9.70	0.17	24.32	0.02	5.70	9.06	15.44	4.50	24.64	0.51
29	22.90		6.72	4.86	14.48	2.97	1.75	5.73	10.52	12.54	27.61	10.38
30	19.30		11.06	15.09	7.26	8.68	1.20	19.21	12.81	0.55	22.09	24.67
31	21.94		5.04		1.79		3.73	1.60		4.00		3.06
平均 Mean	13.23	15.08	6.31	6.57	15.70	7.63	13.39	10.91	15.12	9.50	16.10	11.97

* 表示數據不完整

* means incomplete data

表 9(f)

滙西洲於二零二一年每日的太陽漫射輻射 (MJ/m²)

Table 9(f)

Daily Diffuse Solar Radiation (MJ/m²) at Kau Sai Chau in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	3.12	4.53	8.87	11.10	13.47	7.95	10.49	9.63	9.92	10.49	7.05	3.10
02	2.90	4.23	8.09	10.62	10.53	10.27	11.98	11.69	8.00	7.77	7.46	3.11
03	4.88	4.90	4.17	10.13	4.55	6.36	10.41	11.27	5.99	8.33	7.87	2.70
04	9.53	4.94	1.35	3.25	8.15	11.60	9.00	9.21	5.21	5.76	5.79	2.86
05	7.98	3.99	1.87	4.70	9.57	10.99	8.05	6.44	6.77	7.49	7.29	3.12
06	8.57	3.41	2.75	10.30	10.25	10.63	10.85	10.32	10.92	8.78	4.61	2.90
07	9.32	3.70	2.59	8.76	10.21	13.93	10.86	7.58	8.01	8.54	6.95	8.95
08	6.04	8.96	9.6*	10.94	7.41	8.80	7.91	13.83	5.22	0.58	2.88	2.79
09	7.78	4.03	10.80	3.73	9.32	14.51	4.00	10.50	7.62	4.04	8.96	4.12
10	7.94	2.40	7.30	9.02	9.71	11.43	6.96	10.80	6.01	7.03	2.99	3.51
11	2.35	10.04	11.71	8.20	9.22	10.18	7.98	11.82	10.02	4.22	6.79	5.99
12	3.58	4.64	9.19	11.68	10.02	9.94	7.00	9.29	11.60	8.05	3.98	3.88
13	3.31	6.82	11.35	7.13	12.27	12.16	7.64	11.28	10.21	3.07	3.41	7.40
14	4.97	7.74	10.74	6.21	10.78	11.83	4.42	7.15	7.68	10.16	3.17	5.44
15	4.03	3.61	7.87	3.08	5.11	9.89	3.44	10.87	8.29	5.11	8.75	6.12
16	7.39	5.39	9.45	6.42	6.76	9.16	7.61	9.51	7.05	5.55	4.72	7.65
17	7.36	6.04	7.89	2.17	8.54	7.03	11.31	7.07	9.03	6.75	7.83	7.75
18	5.54	5.74	6.63	10.10	8.11	8.42	5.67	7.76	7.71	9.97	6.66	6.89
19	7.07	5.56	8.90	13.78	7.15	10.34	6.38	10.53	9.20	6.98	6.46	9.07
20	10.53	6.05	8.90	13.65	11.13	11.73	1.95	5.96	7.84	5.28	4.31	2.38
21	8.90	5.26	3.81	8.84	7.62	10.18	4.13	6.53	5.45	5.20	8.69	2.76
22	5.91	4.89	10.66	11.33	6.84	6.96	5.86	4.40	5.31	4.38	4.76	9.83
23	5.14	5.11	7.17	9.45	4.67	3.68	7.54	5.90	5.57	9.18	3.15	8.90
24	7.09	7.19	11.63	8.11	9.75	5.04	10.00	8.40	9.37	7.19	6.33	5.76
25	5.99	7.74	9.25	4.55	10.74	8.12	11.49	7.54	5.87	5.15	3.96	8.70
26	6.05	9.59	11.52	7.23	7.71	8.48	11.55	5.32	10.68	6.09	2.98	3.36
27	7.52	2.05	12.53	4.92	4.95	7.51	7.85	2.55	9.40	8.59	4.23	8.02
28	7.24	6.75	11.06	9.98	6.13	4.41	8.87	9.17	9.08	9.04	3.41	7.50
29	3.93		12.02	11.68	10.78	9.93	8.88	9.23	10.90	8.09	2.56	7.71
30	5.26		9.92	10.29	13.35	11.55	9.49	7.79	8.76	9.48	4.11	3.14
31	3.99		11.42		7.65		11.95	4.76		8.04		8.01
平均 Mean	6.17	5.55	8.42	8.38	8.79	9.43	8.11	8.52	8.09	6.92	5.40	5.59

* 表示數據不完整

* means incomplete data

表 10(a)

京士柏於二零二一年每日的最高紫外線指數

Table 10(a)

Daily Maximum UV Index at King's Park in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	5	7	6	4	10	6	11	12	12	6	7	5
02	5	6	6	6	9	7	11	12	12	8	7	5
03	5	6	2	7	4	11	11	7	11	4	7	5
04	4	6	1	3	11	5	11	4	10	8	7	5
05	4	6	5	2	10	9	12	5	12	9	7	5
06	5	6	4	9	10	5	12	6	8	8	7	5
07	4	7	2	8	9	11	10	7	9	4	6	4
08	3	5	5	5	11	11	10	11	11	0.8	7	5
09	4	3	4	6	11	9	12	5	7	3	6	5
10	5	2	7	9	12	12	12	6	11	2	7	5
11	2	4	7	9	7	12	13	8	9	8	6	5
12	5	7	7	8	8	5	12	10	8	4	6	5
13	5	7	7	9	9	8	12	7	8	3	6	4
14	5	7	4	8	11	7	8	5	4	7	6	5
15	5	7	8	2	11	12	12	7	8	3	6	4
16	5	7	7	7	11	9	6	12	8	8	6	6
17	4	6	8	1	12	12	8	11	9	8	6	4
18	5	6	5	9	9	11	8	11	10	5	6	4
19	5	6	8	9	8	12	6	8	10	8	6	4
20	5	6	7	11	12	9	0.9	11	11	8	6	2
21	5	7	2	10	12	10	3	11	5	4	5	2
22	5	7	6	9	11	4	11	11	10	3	3	4
23	6	6	3	9	11	6	9	11	7	5	2	5
24	6	5	6	7	12	4	9	10	9	7	5	4
25	6	4	7	5	6	6	9	11	9	7	5	3
26	6	4	7	5	11	5	9	10	8	7	5	2
27	6	1	7	3	12	4	9	4	8	4	5	5
28	5	6	7	7	12	3	10	9	6	7	5	4
29	7		7	11	10	5	8	7	7	7	6	5
30	7		7	9	9	9	6	11	8	5	5	5
31	7		7		6		9	3		6		4
最高 Maximum	7	7	8	11	12	12	13	12	12	9	7	6

表 10(b)

京士柏於二零二一年每日上午七時至下午六時的平均紫外線指數

Table 10(b)

Daily Mean UV Index between 7 a.m. and 6 p.m. at King's Park in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	2	3	3	2	4	2	5	4	5	2	3	2
02	2	3	3	3	3	2	5	4	5	3	3	2
03	2	3	1	3	1	5	4	2	4	2	3	2
04	2	3	0.4	0.7	5	3	4	2	3	4	3	2
05	2	3	1	1	5	3	5	1	5	4	3	2
06	2	3	1	4	5	2	5	2	3	3	3	2
07	2	3	0.6	3	4	5	5	3	5	2	3	2
08	1	2	2	2	6	5	5	4	6	0.2	3	2
09	2	1	2	1	5	3	6	2	3	0.9	3	2
10	2	0.5	2	4	5	5	7	2	5	1	3	2
11	0.5	2	3	4	4	5	6	4	4	4	3	2
12	2	3	3	3	3	2	6	4	4	1	3	2
13	2	3	3	4	3	3	6	3	3	1	3	2
14	2	3	2	2	4	3	3	2	2	3	3	2
15	2	3	4	0.9	6	5	6	3	4	1	2	1
16	2	3	3	2	6	4	2	4	2	3	3	2
17	2	3	4	0.5	5	5	4	6	4	4	2	1
18	2	3	2	3	4	6	2	5	5	3	3	2
19	2	3	4	3	4	5	1	3	4	4	2	2
20	2	3	3	4	4	5	0.4	6	3	4	3	0.5
21	2	3	0.6	5	5	4	1	6	2	1	2	0.7
22	2	3	2	5	4	2	6	6	5	1	0.9	2
23	2	3	1	5	6	1	5	5	2	2	0.8	2
24	2	2	2	3	3	2	3	4	4	3	2	1
25	3	2	3	2	2	2	5	5	4	3	2	2
26	3	2	3	2	5	2	4	5	3	3	2	0.6
27	3	0.4	3	0.9	6	2	4	0.6	3	2	2	2
28	2	2	3	2	6	1	4	4	2	2	2	1
29	3		3	3	5	3	2	3	3	3	3	2
30	3		3	5	4	4	2	5	3	2	2	2
31	3		2		2		4	1		2		2
平均 Mean	2	3	2	3	4	3	4	4	4	2	3	2

表 11(a)

京士柏於二零二一年每日的香港暑熱指數最高值

Table 11(a)

Daily Maximum Hong Kong Heat Index at King's Park in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	12.0	22.3	22.5	26.9	26.5	28.1	30.2	31.3	29.8	30.4	25.0	15.6
02	13.7	22.8	21.0	27.7	28.1	29.8	30.5	30.5	29.9	29.3	24.9	15.5
03	17.5	17.0	16.7	27.2	24.0	30.2	30.3	28.4	29.8	28.1	24.4	15.0
04	16.8	19.0	18.0	25.1	28.5	28.8	30.6	28.8	29.1	28.1	25.7	15.4
05	18.3	20.0	21.1	21.4	28.2	27.1	29.9	27.7	30.1	28.1	26.6	17.8
06	17.4	21.6	21.2	24.3	25.0	27.5	29.9	29.0	28.9	27.4	27.0	17.6
07	15.4	20.5	19.4	22.9	27.1	28.4	29.3	29.6	29.3	26.9	27.2	19.7
08	7.0	20.4	19.8	22.6	28.7	29.1	29.9	31.0	30.0	25.4	22.8	18.7
09	9.3	17.0	20.2	19.9	29.6	28.4	30.4	29.5	29.5	26.1	18.9	20.0
10	11.7	15.8	19.5	19.9	28.7	28.4	30.1	30.4	29.4	25.8	17.0	20.2
11	6.8	17.7	21.3	22.7	29.4	29.1	30.2	30.4	29.8	27.6	18.9	21.8
12	10.7	19.6	24.4	26.0	29.5	28.0	30.5	30.2	31.1	22.3	20.2	22.2
13	11.9	20.2	20.9	26.4	29.5	29.1	30.4	28.7	31.1	26.2	19.7	18.8
14	15.0	20.5	20.8	24.9	30.0	29.1	30.6	27.5	28.7	28.9	20.1	21.0
15	17.3	21.0	22.2	21.4	29.9	29.7	29.7	28.7	29.9	25.3	20.2	20.9
16	17.6	19.8	24.3	23.5	29.8	30.4	28.3	29.5	29.9	26.2	23.1	24.4
17	15.1	19.8	25.6	21.8	30.2	30.3	28.8	29.6	30.1	23.2	23.4	20.3
18	14.0	18.1	23.7	21.4	29.9	30.5	28.6	30.0	29.4	23.4	22.6	16.8
19	13.5	17.9	24.7	20.8	29.5	31.0	27.2	30.1	30.5	26.0	23.7	14.5
20	18.7	20.5	25.7	23.3	30.6	30.9	25.7	29.8	30.4	26.8	23.2	15.5
21	20.1	20.4	22.0	23.9	30.7	30.8	27.0	30.0	29.3	26.6	23.7	17.1
22	22.4	22.2	16.1	25.5	29.6	27.9	29.6	29.7	30.2	17.8	21.3	20.0
23	21.3	21.4	15.9	27.9	30.4	28.0	31.2	29.7	28.9	20.1	14.0	19.4
24	18.6	21.0	20.6	24.5	30.4	26.1	31.2	29.4	29.5	22.8	19.6	21.2
25	19.8	20.7	20.3	24.7	29.6	28.2	30.8	30.6	28.3	23.3	20.4	19.9
26	21.0	23.5	21.4	22.5	29.6	28.9	31.4	30.0	28.1	24.7	20.9	14.8
27	19.0	20.0	25.1	22.6	30.6	29.2	31.8	26.5	29.2	24.6	20.8	13.8
28	20.3	20.8	25.8	25.2	30.8	28.7	32.0	27.8	29.5	25.6	21.6	15.5
29	15.2		26.5	24.6	30.4	28.9	29.7	28.5	29.9	24.8	22.7	19.8
30	16.0		26.7	26.4	30.5	29.4	28.8	29.5	30.4	24.9	20.4	19.4
31	18.2		26.4		30.6		31.1	27.7		23.6		18.0
最高 Maximum	22.4	23.5	26.7	27.9	30.8	31.0	32.0	31.3	31.1	30.4	27.2	24.4

表 11(b)

京士柏於二零二一年每日上午七時至下午六時的香港暑熱指數平均值

Table 11(b)

Daily Mean Hong Kong Heat Index between 7 a.m. and 6 p.m. at King's Park in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	8.3	19.7	20.5	25.1	24.6	26.1	28.4	28.6	27.8	28.5	23.2	12.1
02	10.5	20.1	18.5	25.9	25.7	27.2	28.8	28.7	28.5	27.5	22.9	12.8
03	14.4	15.4	15.8	25.2	22.9	28.8	28.7	26.8	27.9	26.3	23.0	12.2
04	14.8	16.6	17.2	23.0	26.4	27.4	29.0	27.2	27.5	26.4	23.9	13.1
05	15.4	17.9	19.3	20.2	26.0	24.9	28.3	26.6	28.3	26.6	24.2	15.5
06	14.7	19.3	20.0	22.3	23.1	25.8	27.9	27.7	27.5	25.8	25.3	15.4
07	12.7	18.3	18.6	20.5	25.4	26.4	27.9	28.0	28.1	25.6	24.9	16.6
08	5.1	18.1	18.1	20.7	27.0	27.5	28.2	28.3	28.4	24.3	16.1	16.8
09	5.7	15.8	18.3	18.6	27.5	26.6	28.6	28.2	27.8	25.4	15.5	18.1
10	7.5	15.1	17.6	18.6	27.0	27.2	28.8	27.7	27.8	24.9	14.7	18.6
11	5.4	15.6	19.5	20.6	27.4	27.6	28.7	28.5	28.5	25.7	15.9	19.4
12	7.4	16.6	22.1	23.5	27.8	26.4	28.9	28.1	29.4	21.2	17.4	19.9
13	9.5	17.5	19.4	24.8	27.9	27.7	28.8	27.1	29.3	25.0	17.3	16.2
14	12.0	18.4	19.1	23.2	28.1	27.8	28.6	26.2	27.3	26.7	17.8	18.1
15	14.5	18.4	20.3	20.6	28.5	28.1	28.8	26.4	28.3	24.2	18.2	19.3
16	15.1	17.6	22.5	21.4	28.4	28.5	27.2	27.3	27.2	24.6	21.0	22.0
17	13.1	17.4	23.6	21.4	28.5	29.0	26.8	28.6	27.9	21.4	21.0	18.6
18	10.9	15.0	21.8	19.5	28.2	29.2	25.4	28.0	28.3	21.0	20.1	14.1
19	11.6	15.7	23.1	18.6	28.1	29.4	25.5	27.7	28.3	23.7	21.0	12.5
20	15.7	17.9	23.8	20.7	28.4	29.5	25.0	28.6	28.3	24.9	21.7	14.4
21	18.0	18.5	18.3	22.4	28.7	29.0	25.9	28.5	27.5	23.0	22.0	15.9
22	19.9	20.2	14.0	23.8	28.3	25.4	28.3	28.4	28.6	16.6	16.3	17.7
23	19.0	19.5	14.6	26.1	29.2	25.5	29.1	28.5	26.7	18.6	12.7	17.2
24	16.6	18.1	18.1	23.3	28.1	25.1	28.4	27.9	27.7	20.1	16.6	18.5
25	17.6	18.6	19.1	23.6	27.2	26.2	29.0	28.3	27.0	20.7	17.8	17.6
26	18.3	21.6	19.2	20.9	28.3	26.6	29.3	28.3	26.0	22.4	18.3	12.4
27	17.0	16.9	22.9	21.8	29.1	28.0	29.8	23.0	27.2	22.9	17.7	10.4
28	17.4	18.3	24.0	23.7	29.5	25.6	29.9	25.9	27.4	23.3	19.1	13.3
29	13.0		24.7	21.7	28.9	27.7	27.8	25.9	28.1	23.4	19.8	17.2
30	14.1		24.8	24.1	29.2	28.1	27.1	27.5	28.9	22.5	18.5	16.9
31	15.8		24.5		28.5		28.6	25.6		21.5		16.0
平均 Mean	13.3	17.8	20.1	22.2	27.5	27.3	28.1	27.5	27.9	23.7	19.5	16.1

表 11(c)

雙魚河於二零二一年每日的香港暑熱指數最高值

Table 11(c)

Daily Maximum Hong Kong Heat Index at Beas River in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	11.4	22.3	23.3	26.7	26.1	28.9	30.3	31.1	30.2	30.4	26.0	15.0
02	13.5	23.3	20.2	26.6	27.7	28.5	30.1	30.8	30.2	30.6	25.6	15.6
03	16.8	18.8	16.8	26.9	23.7	29.9	30.4	28.4	30.6	29.8	25.8	15.8
04	17.1	20.0	17.2	23.2	27.6	29.0	30.4	29.1	30.9	28.7	26.7	16.8
05	17.9	20.6	20.7	20.7	27.8	27.0	30.0	27.4	30.7	28.6	26.8	17.9
06	17.4	22.1	22.9	25.0	25.5	28.2	29.7	29.1	30.2	28.4	27.2	18.4
07	13.8	21.0	19.1	22.2	27.8	27.7	29.4	30.4	30.2	27.0	26.8	19.6
08	4.9	21.0	19.6	22.9	28.5	29.2	29.8	30.9	30.5	24.3	21.7	19.8
09	8.3	16.8	20.6	18.1	29.0	28.0	29.9	29.9	31.0	25.3	18.3	21.2
10	9.8	15.2	19.9	21.0	28.3	28.7	30.2	30.1	30.3	25.8	18.1	21.8
11	6.4	16.4	22.2	23.2	29.0	28.8	30.2	30.2	30.8	27.9	20.0	23.4
12	11.3	20.3	25.2	25.6	29.6	27.5	30.0	30.5	31.0	22.7	19.9	22.7
13	14.0	21.2	21.8	27.0	29.2	29.5	30.1	29.3	30.9	25.5	-	18.7
14	17.2	20.7	21.2	25.5	29.4	29.8	30.8	28.7	31.5	28.9	20.1	21.2
15	19.7	21.7	23.2	21.4	28.9	30.0	30.1	28.8	31.0	25.8	20.6	22.1
16	18.3	20.9	24.3	23.2	29.7	30.0	28.6	30.2	30.8	26.3	24.0	24.6
17	14.9	20.1	25.7	23.1	30.0	30.4	28.2	29.4	30.7	23.0	23.8	20.8
18	14.3	18.1	24.0	19.9	29.3	30.5	29.3	30.5	30.4	24.0	22.6	16.6
19	16.6	18.8	25.2	20.8	29.2	30.6	27.3	29.9	30.6	26.9	23.9	15.1
20	18.8	20.3	25.9	22.6	29.7	30.7	25.2	29.1	31.1	26.7	23.5	13.2
21	21.7	21.9	20.0	24.3	29.9	30.8	26.5	30.0	30.8	27.4	24.1	16.0
22	22.8	22.6	16.3	25.5	29.5	28.0	30.0	29.7	30.6	16.5	19.6	20.3
23	21.6	22.8	15.4	28.0	30.4	27.9	31.0	30.3	28.9	18.8	12.0	20.9
24	19.7	21.2	22.0	24.8	30.3	25.2	31.6	30.2	29.5	22.2	19.1	22.0
25	21.5	21.5	20.8	25.1	29.5	29.1	31.0	30.3	29.3	23.4	20.5	18.5
26	22.3	24.9	22.0	21.4	29.7	29.2	31.6	-	29.2	25.4	19.8	13.3
27	20.3	19.2	24.9	23.7	29.9	30.4	31.5	-	30.1	25.9	20.6	11.2
28	20.0	20.5	25.9	24.7	30.4	29.0	31.4	-	30.6	25.6	21.5	15.2
29	16.0		26.2	24.9	30.0	29.4	30.9	-	30.2	25.7	21.8	20.2
30	17.5		26.4	25.9	30.2	29.8	29.0	-	30.8	23.0	20.8	19.7
31	19.5		26.5		29.9		30.7	-		23.7		18.1
最高 Maximum	22.8	24.9	26.5	28.0	30.4	30.8	31.6	31.1	31.5	30.6	27.2	24.6

- 表示無數據

- means no data

表 11(d)

雙魚河於二零二一年每日上午七時至下午六時的香港暑熱指數平均值

Table 11(d)

Daily Mean Hong Kong Heat Index between 7 a.m. and 6 p.m. at Beas River in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	7.0	18.1	20.8	24.8	23.8	25.9	28.4	28.7	27.6	27.8	23.1	11.6
02	8.7	18.8	17.7	24.7	24.4	26.6	28.7	28.5	27.9	27.7	23.2	11.8
03	13.1	15.9	15.6	24.3	22.4	28.7	28.9	26.6	28.1	26.0	23.1	11.6
04	13.8	16.6	16.4	22.2	25.5	26.4	28.1	27.5	27.8	26.4	24.0	12.6
05	15.5	18.1	19.0	19.9	25.5	24.8	27.9	26.2	27.7	26.4	24.1	14.4
06	13.0	18.0	20.2	22.5	23.4	26.1	27.3	27.7	28.0	25.9	24.4	14.0
07	11.2	17.3	18.2	19.8	25.5	26.1	27.4	27.9	27.9	25.7	24.2	15.3
08	3.7	18.4	17.7	20.4	26.3	27.1	27.9	27.4	28.3	23.3	15.6	16.9
09	5.3	15.7	18.4	17.3	27.0	26.2	28.0	27.8	28.0	24.5	14.1	18.1
10	7.1	14.3	17.8	19.0	26.3	27.0	28.3	27.6	28.5	24.5	14.7	18.0
11	5.1	15.0	20.0	20.6	27.0	27.2	28.3	28.1	28.6	25.8	15.8	19.6
12	6.8	16.1	22.0	22.9	27.8	25.9	28.2	28.0	29.1	21.0	17.1	19.1
13	8.5	16.7	19.5	24.4	27.5	27.2	28.4	27.2	28.5	22.9	-	15.5
14	11.6	17.7	19.7	23.4	27.2	27.9	28.6	26.2	26.7	25.7	18.3	17.9
15	14.6	17.7	20.4	20.3	27.4	27.8	28.2	26.7	28.4	23.8	17.5	19.2
16	14.6	18.1	21.9	21.3	28.1	28.3	26.4	27.6	27.5	23.9	20.4	21.7
17	12.5	17.3	22.5	21.5	28.1	28.7	26.7	28.1	27.0	20.0	21.0	17.8
18	10.4	14.6	22.0	18.7	27.6	28.8	26.5	27.1	28.1	20.5	19.3	13.2
19	11.9	15.8	22.8	18.3	27.6	28.9	24.9	26.8	28.1	23.6	20.0	12.2
20	16.1	16.8	23.5	20.2	27.6	28.9	24.0	27.7	27.9	24.4	21.3	12.6
21	18.1	17.9	16.3	22.2	28.0	27.7	25.1	28.0	27.4	21.0	21.8	14.1
22	19.6	19.1	13.3	23.7	28.3	25.6	27.9	28.1	28.3	15.1	15.4	17.2
23	18.6	19.4	13.8	25.9	28.3	25.4	29.0	28.1	25.8	16.5	10.9	18.0
24	16.7	18.3	17.7	23.6	27.5	24.3	29.0	28.6	27.6	18.8	15.2	18.7
25	18.0	18.7	19.2	23.2	26.4	26.3	28.4	27.4	26.9	20.3	17.0	16.1
26	18.4	21.0	19.3	20.2	27.6	26.7	29.1	-	26.2	22.2	16.5	11.3
27	17.0	14.4	22.4	21.6	28.3	27.2	28.9	-	27.4	23.1	17.0	8.2
28	16.3	18.2	23.3	23.3	28.4	25.5	28.9	-	27.9	22.8	17.8	12.0
29	13.0		23.9	21.2	28.1	27.1	27.0	-	28.1	23.2	18.3	16.0
30	14.4		24.6	23.6	28.7	28.1	26.8	-	28.7	21.1	17.7	15.9
31	15.7		24.4		28.1		28.4	-		21.2		15.6
平均 Mean	12.8	17.3	19.8	21.8	26.9	26.9	27.7	27.6	27.8	23.1	18.9	15.4

- 表示無數據

- means no data

表 12

橫瀾島於二零二一年每日的盛行風

Table 12

Daily Prevailing Wind at Waglan Island in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	360 25.6	020 14.1	030 15.7	160 11.0	250 9.8	040 13.7	200 29.6	240 25.1	080 21.2	230 12.0	070 35.8	010 41.0
02	070 27.3	350 15.5	080 26.9	210 2.3	080 10.4	210 10.9	220 28.5	230 17.2	080 13.5	110 9.4	080 37.1	010 25.2
03	040 26.5	060 33.5	070 43.0	240 9.0	090 33.5	200 9.4	200 20.5	090 24.0	120 7.1	090 25.0	080 30.2	360 26.8
04	050 21.0	040 21.0	060 26.9	070 24.8	080 13.8	240 17.4	130 11.3	360 22.4	140 7.8	080 36.1	080 25.3	070 29.8
05	060 15.5	050 25.2	050 21.0	080 36.4	090 11.2	270 9.9	080 24.8	260 31.0	120 8.0	080 43.0	080 17.0	060 27.2
06	060 26.0	010 6.5	030 19.6	080 18.4	080 27.7	290 12.4	090 20.4	260 28.5	080 11.9	070 48.5	020 6.7	010 21.4
07	360 35.3	030 13.8	060 28.8	070 30.8	020 10.8	080 27.7	130 28.9	250 23.7	060 24.3	070 56.0	080 15.6	070 32.3
08	360 45.5	070 35.4	070 36.2	070 29.3	240 18.1	060 23.2	130 19.8	240 18.3	120 10.3	090 53.3	360 45.3	080 42.5
09	360 27.0	070 57.3	060 29.8	070 41.1	240 23.2	080 19.2	110 7.2	220 22.0	080 10.4	100 58.8	360 28.3	070 25.5
10	040 27.4	360 36.3	060 42.7	080 36.3	190 14.3	070 28.6	100 12.6	190 14.8	080 21.0	080 46.8	360 25.0	070 29.8
11	360 45.5	350 17.6	070 31.4	070 28.0	180 20.5	070 39.1	110 11.6	210 15.0	250 16.0	360 35.1	070 20.1	070 27.7
12	360 35.2	350 11.4	010 8.9	050 11.8	200 20.3	110 32.0	150 12.3	200 8.5	250 27.7	360 62.4	010 21.4	060 19.4
13	010 11.2	050 14.6	070 32.2	350 6.6	170 18.8	130 21.9	200 8.6	210 11.9	240 19.0	080 61.4	010 22.3	010 23.5
14	020 11.7	010 12.8	070 26.9	070 24.0	160 18.9	190 20.0	130 8.0	220 19.8	200 6.8	080 32.5	080 24.1	070 21.8
15	040 11.5	080 10.5	080 23.5	070 35.5	180 14.8	200 24.2	160 10.9	200 7.8	250 18.2	060 26.9	070 31.3	070 26.3
16	060 29.5	050 21.0	030 9.0	070 28.2	230 19.8	210 28.3	070 8.1	240 7.9	280 14.1	010 35.5	060 25.3	050 23.8
17	360 37.6	360 22.3	080 9.4	070 23.3	200 18.1	230 24.9	080 19.7	240 13.3	070 7.5	010 40.8	060 24.7	010 33.0
18	360 19.9	060 29.7	070 21.1	080 41.3	210 23.8	240 37.1	070 32.7	250 13.1	070 24.5	010 25.0	010 13.3	010 32.2
19	050 32.2	060 19.7	070 14.5	080 46.2	190 25.1	240 37.0	090 42.8	070 7.8	110 22.3	080 20.5	080 15.8	070 36.0
20	050 30.2	020 9.3	120 6.8	080 31.7	230 25.2	230 34.3	090 32.0	220 11.0	090 7.9	090 21.9	080 33.0	050 45.5
21	030 18.9	020 7.5	360 26.5	080 19.5	220 27.8	240 32.4	100 25.1	230 18.7	150 8.5	360 20.3	070 22.8	360 35.0
22	310 7.6	360 5.7	360 29.9	060 16.1	200 20.0	250 21.4	060 12.0	230 21.3	090 14.6	360 33.6	360 31.3	360 15.8
23	350 9.1	070 14.5	060 26.1	230 15.7	160 15.5	260 16.8	240 16.4	230 17.6	090 30.7	010 24.0	360 28.9	080 25.4
24	060 32.7	060 36.4	360 9.5	080 21.1	190 9.6	080 15.3	240 16.4	220 9.8	090 31.8	360 28.1	020 20.6	040 9.5
25	060 23.3	060 27.4	080 29.4	070 25.9	090 5.8	210 12.6	230 18.8	120 7.5	080 35.2	360 25.5	010 15.3	070 32.3
26	040 10.7	030 13.9	070 32.7	070 42.5	220 11.3	220 9.6	240 19.9	100 7.8	080 26.0	050 26.5	080 25.3	010 35.0
27	050 25.0	030 27.1	060 12.0	070 34.6	240 22.6	230 29.8	240 20.2	080 20.2	080 16.3	070 32.0	080 25.7	010 31.3
28	040 17.7	060 30.7	240 11.8	060 18.1	240 25.3	210 19.9	240 27.9	010 16.2	090 10.3	080 34.0	070 26.5	030 21.8
29	070 32.5		220 18.7	350 12.9	240 33.1	220 32.2	230 12.3	050 20.2	240 13.0	080 32.1	010 13.9	360 12.6
30	060 33.3		200 15.9	010 9.3	240 34.1	210 31.3	230 15.0	040 15.5	240 14.9	060 26.4	010 39.1	080 19.7
31	050 28.3		160 14.7		230 25.3		230 31.2	020 13.2		070 34.2		080 30.1
平均 Mean	050 25.2	060 21.1	070 22.6	070 24.4	230 19.6	230 23.1	090 19.5	230 16.5	080 16.7	080 34.4	080 24.9	070 27.7
正常 Normal (1961-1990)	070 24.0	070 23.8	070 22.1	080 19.7	090 19.2	090 21.6	230 20.0	090 18.5	090 21.9	090 27.6	080 27.2	080 25.5
正常 Normal (1971-2000)	070 25.4	070 25.1	070 23.5	070 21.2	080 20.2	230 23.3	230 21.9	240 20.0	090 22.8	080 28.7	080 27.9	070 26.5
正常 Normal (1981-2010)	060 25.3	070 24.5	060 23.0	070 20.9	080 19.7	220 22.9	230 21.3	230 19.4	090 22.6	080 27.4	080 27.0	070 26.0
正常 Normal (1991-2020)	060 25.1	060 24.2	060 23.0	070 20.5	080 19.8	220 21.6	230 21.3	230 18.8	080 21.4	080 26.3	070 26.6	010 26.4

左邊的數字為風向(度)，右邊的數字為風速(公里/小時)

Figures to the left denote wind direction in degrees and figures to the right denote wind speed in kilometres per hour

表 13
Table 13

二零二一年一月氣象要素的數值
Monthly Values of Meteorological Elements in January 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km / hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	090	10.4	19.3	16.2	13.8	12.5	8.5	62	1020.3	Trace [#]	47
香港國際機場 HKA	090	13.9	19.8	16.2	13.3	11.1	5.4	52	1020.7	Trace ^{&}	48
沙田 Sha Tin	050	7.0	19.9	15.4	11.6	11.7	7.3	61	1020.5	0.0	
流浮山 Lau Fau Shan	070	13.1	19.9	15.2	11.6	11.2	6.3	58	1020.6	0.0	
打鼓嶺 Ta Kwu Ling	020	7.1	21.0	14.8	9.5	10.9	6.3	61	1020.8	0.0	
大帽山 Tai Mo Shan	100	26.1	14.1 ⁽⁹⁸⁾	9.6 ⁽⁹⁹⁾	6.4 ⁽⁹⁸⁾	9.5 ⁽⁶²⁾	7.4 ⁽⁶²⁾	80 ⁽⁶²⁾	1022.2 ⁽⁹⁹⁾	2.5	
大老山 Tate's Cairn	100	25.1	15.9	11.7	8.5	9.0	5.2	68	1020.4	1.0	
黃麻角(赤柱) Bluff Head (Stanley)	080	11.8	21.0	17.0	14.4						
黃竹坑 Wong Chuk Hang	010	6.6	19.7	16.0	12.7	11.1 ^{(79)*}	6.9	58			
橫瀾島 Waglan Island	050	25.2	19.1	15.6	13.3	12.4	9.0	66	1020.4	0.0 ⁽⁹⁹⁾	
青洲 Green Island	070	20.9								0.0	
將軍澳 Tseung Kwan O	060 ⁽⁹⁹⁾	5.0 ⁽⁹⁹⁾	19.8	15.3	12.2	11.6	7.2	61		0.0 ⁽⁹⁹⁾	
長洲 Cheung Chau	360	17.7	20.4	15.7	12.7	12.3	8.7	65	1020.7	0.0	
京士柏 King's Park	090	9.0	19.5	15.7	13.0	11.3	5.7	55	1020.5	0.0	
平洲 Ping Chau	330 ⁽⁹⁸⁾	3.9 ⁽⁹⁸⁾	20.3 ⁽⁹⁵⁾	14.7 ⁽⁹⁹⁾	11.0 ⁽⁹⁵⁾					0.0 ⁽⁹⁵⁾	
吉澳 Kat O			19.8	15.6	12.5					0.0	
大美督 Tai Mei Tuk	050	10.5	21.6	15.7	12.0					0.0	
沙螺灣 Sha Lo Wan	080	7.9	20.5	16.3	13.2	11.4	5.4	51	1020.6	0.0	
西貢 Sai Kung	020	10.1	18.0	15.1	12.3	11.8	8.0	65			
塔門 Tap Mun			18.5	14.1	10.4					0.0	
鯉魚湖 Tsak Yue Wu			19.3	13.3	7.8	9.7	5.1	63		0.0	
石崗 Shek Kong	-	-	21.1	15.5	11.0		6.4	58	1020.7	0.0	
彌勒山 Nei Lak Shan	080 ⁽⁹⁹⁾	24.3 ⁽⁹⁹⁾	14.8 ⁽⁹⁹⁾	10.9 ⁽⁹⁹⁾	8.0 ⁽⁹⁹⁾	5.5 ⁽⁴⁵⁾	0.5 ⁽⁴⁵⁾	63 ⁽⁴⁵⁾	1021.2 ⁽⁹⁹⁾		
啟德 Kai Tak	100	10.4								0.0	
大埔 Tai Po			18.6	15.1	11.7	11.3	6.6	60	1020.8		
昂坪 Ngong Ping	070 ⁽⁹⁹⁾	21.5 ⁽⁹⁹⁾	16.5	12.1	9.0						
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	080	14.3	18.5	16.0	13.9		6.7	58	1021.1		
山頂 The Peak			16.9	13.3	10.6					0.0 ⁽²⁴⁾	
坪洲 Peng Chau	100	15.5	19.2 ⁽⁹⁷⁾	15.7 ⁽⁹⁷⁾	13.2 ⁽⁹⁷⁾	12.3 ⁽⁹⁷⁾	8.5 ⁽⁹⁷⁾	64 ⁽⁹⁷⁾	1020.5	0.0	
上水 Sheung Shui			21.3	15.3	11.1	11.4	6.7	60	1020.6	0.0	
中環碼頭 Central Pier	100 ⁽⁹⁸⁾	13.0 ⁽⁹⁸⁾									
濕地公園 Wetland Park	060	4.4	21.2	15.2	10.8	11.3	6.7	61	1020.7	0.0	
荃灣可觀 Tsuen Wan Ho Koon			19.5	14.5	11.0	11.5	8.2 ⁽⁹⁹⁾	67 ⁽⁹⁹⁾		0.0	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			19.4	15.1	11.9		5.4	55		0.0	
香港公園 Hong Kong Park			20.0 ⁽⁹⁹⁾	15.9	13.2 ⁽⁹⁹⁾						
筲箕灣 Shau Kei Wan			19.3 ⁽⁹⁹⁾	15.7	13.1 ⁽⁹⁹⁾					0.0 ⁽⁹⁹⁾	
九龍城 Kowloon City			20.7	15.9	12.7						
潛西洲 Kau Sai Chau			20.3 ⁽⁹⁹⁾	15.0	11.3 ⁽⁹⁹⁾	11.2	6.5	60		0.0 ⁽⁹⁹⁾	
跑馬地 Happy Valley			21.0	16.3	12.8					0.0	
黃大仙 Wong Tai Sin			20.5	16.1	12.8						
赤柱 Stanley			18.9	15.7	13.4						
觀塘 Kwun Tong			19.5 ⁽⁹⁸⁾	15.5 ⁽⁹⁸⁾	12.6 ⁽⁹⁸⁾						
深水埗 Sham Shui Po			21.1	16.4	13.2					0.0	
新青衣站 New Tsing Yi Station			20.6 ⁽⁹⁹⁾	16.1 ⁽⁹⁹⁾	12.9 ⁽⁹⁹⁾	11.6 ⁽⁹⁸⁾	6.0 ⁽⁹⁸⁾	54 ⁽⁹⁸⁾			
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			18.2	13.3	10.1					0.0	
荃灣城門谷 Tsuen Wan Shing Mun Valley			21.3	15.5	11.5	12.0	8.2	64			
南丫島 Lamma Island	090	11.5								0.0	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	110 ⁽⁹³⁾	14.2 ⁽⁹³⁾	18.4 ⁽⁹²⁾	16.1 ⁽⁹³⁾	13.9 ⁽⁹²⁾		7.6 ⁽⁹³⁾	59 ⁽⁹³⁾	1020.4 ⁽⁹³⁾		
雙魚河 Beas River			21.1	14.3	8.7		6.8	65		0.0	
啟德跑道公園 Kai Tak Runway Park			19.1	16.1	13.6						
元朗公園 Yuen Long Park			21.4	15.4	11.0						
清水灣 Clear Water Bay			18.1	15.3	13.0						
大隴 Tai Lung			21.0	15.0	10.0						
屯門政府合署 Tuen Mun Government Offices	020	7.2									
九龍天星碼頭 Star Ferry, Kowloon	100	9.4									
青衣靚殼油庫 Shell Oil Depot	320	6.8									
大磨刀 Tai Mo To	120	14.1									
小蠔灣 Siu Ho Wan	190 ⁽⁹³⁾	10.0 ⁽⁹³⁾									
二東山 Yi Tung Shan	340 ⁽⁹⁹⁾	25.4 ⁽⁹⁹⁾									
沙洲 Sha Chau	010 ⁽⁹⁹⁾	16.4 ⁽⁹⁹⁾									
北角 North Point	090	12.8									
大澳 Tai O	360 ⁽⁴⁷⁾	20.3 ⁽⁴⁷⁾									
長洲泳灘 Cheung Chau Beach	040	15.1									
大埔滘 Tai Po Kau	100	7.6									
塔門東 Tap Mun East	360	12.6									

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

Trace[#] 表示雨量少於 0.05 毫米

Trace[#] means rainfall less than 0.05mm

- 表示無數據

- means no data

* 該自動氣象站所提供之相對濕度數據於2021年內改由相對濕度探頭量度，因而停止濕球溫度測量。

* The relative humidity data from these automatic weather stations were measured by relative humidity probe within 2021.

Trace[&] 表示雨量少於 0.1 毫米

Trace[&] means rainfall less than 0.1mm

The measurement of wet-bulb temperature was ceased accordingly.

表 13 (續)
Table 13 (cont'd)

二零二一年二月氣象要素的數值
Monthly Values of Meteorological Elements in February 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	100	10.6	23.5	19.8	17.5	17.0	15.1	75	1017.3	62.1	41
香港國際機場 HKA	090	14.5	23.9	20.0	17.0	15.9	13.2	67	1017.3	82.4	39
沙田 Sha Tin	110	5.9	23.8	18.8	14.9	16.1	14.1	76	1017.4	47.0	
流浮山 Lau Fau Shan	080	11.7	24.3	18.9	15.3	16.0	13.8	74	1017.2	51.0 (87)	
打鼓嶺 Ta Kwu Ling	110	6.6	24.9	18.5	13.4	15.6	13.4	75	1017.4	41.0	
大帽山 Tai Mo Shan	110 (98)	23.4 (98)	18.2 (98)	13.7	10.9 (98)	11.7	9.7	80	1019.1	48.5 (98)	
大老山 Tate's Cairn	100	22.3	19.2	15.3	12.8	13.6	12.0	83	1017.5	51.0	
黃麻角(赤柱) Bluff Head (Stanley)	080	13.0	24.0	20.0	17.7						
黃竹坑 Wong Chuk Hang	360	6.6	23.1	19.1	15.9		14.4	75			
橫瀾島 Waglan Island	060	21.1	23.0	18.9	16.7	16.7	15.2	80	1017.4	51.5	
青洲 Green Island	060	17.3								88.0	
將軍澳 Tseung Kwan O	060 (92)	4.8 (92)	23.2	18.6	15.4	16.1	14.3	78		52.5 (92)	
長洲 Cheung Chau	090	16.2	23.7	18.9	16.1	16.7	15.1	80	1017.6	63.5	
京士柏 King's Park	090	8.9	22.9	19.1	16.6	16.1	13.8	73	1017.5	60.2	
平洲 Ping Chau	080 (99)	3.6 (99)	23.9 (98)	18.2 (99)	14.8 (98)					46.0 (98)	
吉澳 Kat O			23.5 (98)	18.9	16.0 (98)					39.5 (98)	
大美督 Tai Mei Tuk	090	10.2	25.5	19.2	15.8					41.0	
沙螺灣 Sha Lo Wan	080	8.1	24.2	19.9	16.8	16.0	12.9	66	1017.3	70.5	
西貢 Sai Kung	180	8.6	21.8	18.5	15.9	16.6	15.2	82			
塔門 Tap Mun			21.9	17.3	13.6					49.0	
鯉魚湖 Tsak Yue Wu			23.3 (99)	16.5 (99)	11.0 (99)	13.7 (90)*	11.7 (90)	77 (90)		42.0 (99)	
石崗 Shek Kong	-	-	25.3	19.0	14.1		13.6	74	1017.2	50.5	
彌勒山 Nei Lak Shan	090	22.7	19.1	15.3	12.6	12.8	10.3	75	1018.0		
啟德 Kai Tak	130	11.3								57.5	
大埔 Tai Po			22.3	18.6	15.5	15.9	13.8	74	1017.7		
昂坪 Ngong Ping	070 (99)	20.6 (99)	21.1	16.5	13.5						
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	090	13.7	23.2	20.3	18.1		15.8	77	1017.7		
山頂 The Peak			20.8	16.9	14.3					29.0 (37)	
坪洲 Peng Chau	100	14.1	22.8	19.3	16.8	16.9	15.3	79	1017.4	64.5	
上水 Sheung Shui			25.3	19.0	14.7	16.2	14.3	76	1017.2	45.0	
中環碼頭 Central Pier	100 (99)	13.5 (99)									
濕地公園 Wetland Park	060	4.7	24.8	18.9	14.6	16.1	14.0	76	1017.4	65.5	
荃灣可觀 Tsuen Wan Ho Koon			23.2 (99)	18.1 (99)	14.9 (99)	15.8 (99)	14.0 (99)	78 (99)		37.5 (99)	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			23.0	18.7	15.5		13.0	71		57.0	
香港公園 Hong Kong Park			23.5 (99)	19.0	16.4 (99)						
筲箕灣 Shau Kei Wan			22.5 (99)	18.9	16.6 (99)					72.0 (99)	
九龍城 Kowloon City			24.3 (99)	19.3	16.3 (99)						
瀝西洲 Kau Sai Chau			23.8 (95)	18.3 (96)	14.9 (95)	15.8 (96)	13.9 (96)	77 (96)		46.0 (95)	
跑馬地 Happy Valley			24.5	19.5	15.9					61.5	
黃大仙 Wong Tai Sin			24.1	19.5	16.2						
赤柱 Stanley			22.2 (99)	18.8 (99)	16.7 (99)						
觀塘 Kwun Tong			22.9	18.9	16.2						
深水埗 Sham Shui Po			24.7	20.0	16.8					55.0	
新青衣站 New Tsing Yi Station			24.0	19.3	16.3	15.6 (88)*	13.4	70			
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			22.1	17.1	14.1					55.0	
荃灣城門谷 Tsuen Wan Shing Mun Valley			24.7	18.9	15.0	16.1	14.0	75			
南丫島 Lamma Island	090	11.4								20.0 (95)	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	110	14.5	22.0	19.4	17.3		14.0	72	1017.6		
雙魚河 Beas River			24.8	18.1	12.7		13.7	79		45.5	
啟德跑道公園 Kai Tak Runway Park			22.1	19.2	17.0						
元朗公園 Yuen Long Park			25.5	19.3	14.6						
清水灣 Clear Water Bay			21.8	18.7	16.7						
大隴 Tai Lung			24.9	18.7	13.8						
屯門政府合署 Tuen Mun Government Offices	160	7.2									
九龍天星碼頭 Star Ferry, Kowloon	100	10.3									
青衣靚殼油庫 Shell Oil Depot	110	7.6									
大磨刀 Tai Mo To	120	14.6									
小蠔灣 Siu Ho Wan	120 (83)	10.5 (83)									
二東山 Yi Tung Shan	110	23.4									
沙洲 Sha Chau	110	15.1									
北角 North Point	090	12.7									
大澳 Tai O	120 (1)	19.3 (1)									
長洲泳灘 Cheung Chau Beach	070	14.5									
大埔滘 Tai Po Kau	100	8.4									
塔門東 Tap Mun East	120	13.6									

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

* 該自動氣象站所提供之相對濕度數據於2021年內改由相對濕度探頭量度，因而停止濕球溫度測量。

* The relative humidity data from these automatic weather stations were measured by relative humidity probe within 2021. The measurement of wet-bulb temperature was ceased accordingly.

表 13 (續)
Table 13 (cont'd)

二零二一年三月氣象要素的數值
Monthly Values of Meteorological Elements in March 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	100	11.1	24.8	22.0	20.2	19.5	18.0	79	1015.6	3.5	69
香港國際機場 HKA	090	16.7	25.9	22.5	20.4	19.0	17.1	72	1015.5	5.5	62
沙田 Sha Tin	100	7.6	24.7 (99)	21.7	19.4 (99)	19.0	17.3	77	1015.7	11.5 (99)	
流浮山 Lau Fau Shan	080	12.2	26.1	21.7	18.9	19.0	17.3	77	1015.3	12.0	
打鼓嶺 Ta Kwu Ling	100	8.0	25.8	21.5	18.6	18.8	17.1	77	1015.6	29.0	
大帽山 Tai Mo Shan	110	20.3	19.0	15.6	13.3	15.1	14.7	95	1017.5	26.0	
大老山 Tate's Cairn	110	23.3	20.3	17.2	15.2	16.4	15.8	92	1015.9	26.5	
黃麻角(赤柱) Bluff Head (Stanley)	080	13.4	24.6	21.4	19.5						
黃竹坑 Wong Chuk Hang	040	6.2	24.6	22.0	19.9		18.3	80			
橫瀾島 Waglan Island	070	22.6	23.7	21.1	19.5	17.9 (34)*	18.2	84	1015.8	3.5	
青洲 Green Island	060	20.0								3.0	
將軍澳 Tseung Kwan O	020 (95)	5.1 (95)	24.2 (91)	21.3 (91)	19.2 (91)	19.1 (91)	17.7 (91)	81 (91)		9.0 (95)	
長洲 Cheung Chau	090	16.5	24.7	21.2	19.3	19.4	18.3	84	1015.9	8.0	
京士柏 King's Park	090	10.0	24.1	21.4	19.5	18.8	17.2	78	1015.8	6.8	
平洲 Ping Chau	080	3.3	25.0	20.8	18.3					11.0	
吉澳 Kat O			24.6	21.5	19.4					20.0	
大美督 Tai Mei Tuk	080	11.7	26.0	21.6	19.0					13.5	
沙螺灣 Sha Lo Wan	080	8.9	26.5	22.6	20.0	19.1	16.9	71	1015.6	8.0	
西貢 Sai Kung	180	9.3	23.4	21.2	19.4	19.4	18.2	84			
塔門 Tap Mun			23.3	20.3	18.0					10.5	
鯉魚湖 Tsak Yue Wu			24.2	20.2	16.8		17.3 (92)	84 (92)		13.5	
石崗 Shek Kong	-	-	26.3	22.0	19.0		17.6	77	1015.4	6.5	
彌勒山 Nei Lak Shan	120 (99)	22.9 (99)	21.2	17.4	15.0	16.3	15.6	90	1016.4		
啟德 Kai Tak	100	11.1								7.5	
大埔 Tai Po			23.7	21.2	19.3	18.9	17.3	79	1016.0		
昂坪 Ngong Ping	070 (98)	21.6 (98)	22.0	18.1	15.8						
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	080	16.3	24.9	22.7	21.2		19.6	84	1015.9		
山頂 The Peak			22.3	18.9	16.8					9.0	
坪洲 Peng Chau	100	15.7	24.6	21.7	20.0	19.7	18.5	82	1015.6	3.0	
上水 Sheung Shui			26.2	22.0	19.3	19.1	17.2	75	1015.4	32.5	
中環碼頭 Central Pier	100 (98)	14.6 (98)									
濕地公園 Wetland Park	060	5.0	26.1	21.8	18.8	18.7 (70)*	17.7 (97)	79 (97)	1015.6	23.5	
荃灣可觀 Tsuen Wan Ho Koon			24.2	20.7	18.2	17.8 (8)*	17.7	84		6.5	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			24.3	21.4	19.2		17.1	77		5.5	
香港公園 Hong Kong Park			24.0 (98)	21.5 (99)	19.7 (98)						
筲箕灣 Shau Kei Wan			23.4 (99)	21.0	19.4 (99)					6.0 (99)	
九龍城 Kowloon City			25.1	21.5	19.2						
瀝西洲 Kau Sai Chau			24.5	20.9	18.6	18.7	17.2	80		10.5	
跑馬地 Happy Valley			25.5	22.2	20.1					4.0	
黃大仙 Wong Tai Sin			25.0	21.8	19.6						
赤柱 Stanley			23.5	21.3	19.7						
觀塘 Kwun Tong			23.9	21.0	19.0						
深水埗 Sham Shui Po			25.7	22.4	20.1					5.0	
新青衣站 New Tsing Yi Station			25.2 (99)	22.0	19.9 (99)		17.3	75			
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			23.1	19.2	16.8					15.5	
荃灣城門谷 Tsuen Wan Shing Mun Valley			25.2	21.6	19.2	19.2	17.6	79			
南丫島 Lamma Island	090	11.9								6.5	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	110	15.9	23.7	21.8	20.3		17.4	77	1015.9		
雙魚河 Beas River			25.5	21.3	18.1		17.6	81		23.5	
啟德跑道公園 Kai Tak Runway Park			23.5	21.5	19.9						
元朗公園 Yuen Long Park			26.5	22.1	19.1						
清水灣 Clear Water Bay			23.1	20.9	19.3						
大隴 Tai Lung			25.8	21.7	18.6						
屯門政府合署 Tuen Mun Government Offices	150	8.1									
九龍天星碼頭 Star Ferry, Kowloon	100	10.9									
青衣靚殼油庫 Shell Oil Depot	110	8.9									
大磨刀 Tai Mo To	110	15.5									
小蠔灣 Siu Ho Wan	180 (94)	10.7 (94)									
二東山 Yi Tung Shan	140 (83)	25.1 (83)									
沙洲 Sha Chau	110 (97)	17.5 (97)									
北角 North Point	090	14.0									
大澳 Tai O	120 (72)	17.5 (72)									
長洲泳灘 Cheung Chau Beach	070	15.4									
大埔滘 Tai Po Kau	090 (95)	9.6 (95)									
塔門東 Tap Mun East	120 (99)	13.8 (99)									

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

* 該自動氣象站所提供之相對濕度數據於2021年內改由相對濕度探頭量度，因而停止濕球溫度測量。

* The relative humidity data from these automatic weather stations were measured by relative humidity probe within 2021. The measurement of wet-bulb temperature was ceased accordingly.

表 13 (續)
Table 13 (cont'd)

二零二一年四月氣象要素的數值
Monthly Values of Meteorological Elements in April 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	090	12.1	27.0	24.1	22.4	21.5	20.1	79	1013.7	32.5	71
香港國際機場 HKA	090	17.7	28.0	24.7	22.5	21.0	19.2	72	1013.5	24.7	68
沙田 Sha Tin	100	6.9	26.9	23.7	21.4	20.9	19.3	77	1013.8	26.0	
流浮山 Lau Fau Shan	080	12.5	28.2	23.9	21.2	21.0	19.3	76	1013.4	29.0	
打鼓嶺 Ta Kwu Ling	110	8.0	28.0	23.8	20.7	20.9	19.3	77	1013.6	26.0	
大帽山 Tai Mo Shan	110	22.2	20.4	17.4	15.5	16.8	16.3	94	1015.6	49.5	
大老山 Tate's Cairn	110	23.8	21.9	19.2	17.4	18.3	17.8	93	1014.1	87.0	
黃麻角(赤柱) Bluff Head (Stanley)	080	14.5	26.1	22.8	21.1						
黃竹坑 Wong Chuk Hang	040	7.1	26.5	23.9	21.9		20.2	81			
橫瀾島 Waglan Island	070	24.4	25.6	23.2	21.7		20.3	84	1013.8	9.5	
青洲 Green Island	060	22.6								26.0	
將軍澳 Tseung Kwan O	060 (97)	5.4 (97)	26.1	23.2	21.3	21.0	19.8	82		50.5 (97)	
長洲 Cheung Chau	090	19.4	27.1	23.5	21.4	21.4	20.3	83	1014.0	14.5	
京士柏 King's Park	090	10.6	26.1	23.4	21.6	20.8	19.3	79	1013.9	30.2	
平洲 Ping Chau	080 (99)	3.3 (99)	27.1 (98)	23.1 (99)	20.6 (98)					7.0 (98)	
吉澳 Kat O			26.8 (98)	23.9 (99)	21.8 (98)					22.5 (98)	
大美督 Tai Mei Tuk	090	12.9	28.0	23.7	21.2					25.5	
沙螺灣 Sha Lo Wan	080 (98)	9.5 (98)	28.8	24.6	22.0	21.0	18.9	71	1013.6	24.0	
西貢 Sai Kung	090	10.3	25.4	23.3	21.6	21.2	20.0	82			
塔門 Tap Mun			25.3	22.7	20.6					0.0	
鯉魚湖 Tsak Yue Wu			26.1	22.3	19.1		19.4	85		28.5	
石崗 Shek Kong	-	-	28.5	24.2	21.3		19.5	76	1013.3	17.0	
彌勒山 Nei Lak Shan	120 (93)	24.1 (93)	23.1 (97)	19.3 (99)	17.2 (97)	18.1 (99)	17.3 (99)	89 (99)	1014.5 (99)		
啟德 Kai Tak	100	12.3								26.5	
大埔 Tai Po			25.9	23.4	21.3	20.9	19.6	80	1014.1		
昂坪 Ngong Ping	110 (98)	23.0 (98)	23.8 (99)	20.0 (99)	17.9 (99)						
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	090	16.7	27.0	24.8	23.2		21.2	81	1013.9		
山頂 The Peak			24.2	20.8	18.9					36.0	
坪洲 Peng Chau	100	17.4	27.0 (99)	24.0 (99)	22.2 (99)	21.7 (99)	20.4 (99)	81 (99)	1013.6	22.0	
上水 Sheung Shui			28.5	24.3	21.5	21.2	19.5	76	1013.3	23.0	
中環碼頭 Central Pier	100 (96)	16.2 (96)									
濕地公園 Wetland Park	070	5.6	28.4	24.1	21.1		20.0	79	1013.6	29.5	
荃灣可觀 Tsuen Wan Ho Koon			26.3 (99)	22.7 (99)	20.5 (99)		19.6 (99)	84 (99)		18.5 (99)	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			27.2	24.1	21.9		19.7	78		43.5	
香港公園 Hong Kong Park			26.2 (92)	23.6 (93)	21.9 (92)						
筲箕灣 Shau Kei Wan			25.6 (99)	23.1 (99)	21.5 (99)					30.5	
九龍城 Kowloon City			27.1	23.6	21.4						
滘西洲 Kau Sai Chau			26.7	23.0	20.8	20.7	19.4	81		24.0	
跑馬地 Happy Valley			27.7	24.2	22.0					35.0	
黃大仙 Wong Tai Sin			26.7	23.8	21.6						
赤柱 Stanley			25.7 (99)	23.4 (99)	21.8 (99)						
觀塘 Kwun Tong			26.0	23.1	21.2						
深水埗 Sham Shui Po			27.7 (98)	24.5 (98)	22.3 (98)					21.5	
新青衣站 New Tsing Yi Station			27.5	24.2	22.1		19.3	75			
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			25.1	21.4	19.1					31.5	
荃灣城門谷 Tsuen Wan Shing Mun Valley			27.1	23.6	21.2	21.0	19.6	79			
南丫島 Lamma Island	090	14.6								11.5	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	110	17.4	26.0	24.1	22.6		19.7	77	1013.9		
雙魚河 Beas River			27.6	23.5	20.4		19.8	81		20.5	
啟德跑道公園 Kai Tak Runway Park			25.8	23.6	22.1						
元朗公園 Yuen Long Park			28.7	24.4	21.4						
清水灣 Clear Water Bay			25.6	23.1 (99)	21.6						
大隴 Tai Lung			28.1 (99)	23.9	21.0 (99)						
屯門政府合署 Tuen Mun Government Offices	150	8.7									
九龍天星碼頭 Star Ferry, Kowloon	090	12.5									
青衣靚殼油庫 Shell Oil Depot	110	9.7									
大磨刀 Tai Mo To	120	17.3									
小蠔灣 Siu Ho Wan	120 (83)	11.3 (83)									
二東山 Yi Tung Shan	140	24.6									
沙洲 Sha Chau	110	18.5									
北角 North Point	090	15.3									
大澳 Tai O	130	19.1									
長洲泳灘 Cheung Chau Beach	070	19.7									
大埔滘 Tai Po Kau	100 (94)	11.3 (94)									
塔門東 Tap Mun East	120	18.4									

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

表 13 (續)
Table 13 (cont'd)

二零二一年五月氣象要素的數值
Monthly Values of Meteorological Elements in May 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	260	7.7	32.1	29.0	27.0	26.0	24.7	78	1009.4	65.0	75
香港國際機場 HKA	210	16.0	33.0	29.4	27.0	25.3	23.8	72	1009.3	85.8	74
沙田 Sha Tin	230	10.2	32.3	29.0	26.4	25.5	24.1	75	1009.4	85.5	
流浮山 Lau Fau Shan	150	14.6	32.7	28.5	25.6	25.3	23.9	77	1009.0	92.0	
打鼓嶺 Ta Kwu Ling	210	6.5	33.5	28.6	24.5	25.3	23.9	77	1009.1	93.0	
大帽山 Tai Mo Shan	210	21.2	24.2	21.6	19.8	21.4	21.3	98	1011.4	83.0	
大老山 Tate's Cairn	200	18.3	28.5	24.4	22.2	23.7	23.3	94	1010.2	93.0	
黃麻角(赤柱) Bluff Head (Stanley)	280 (91)	10.2 (91)	32.0 (92)	28.1 (92)	26.0 (92)						
黃竹坑 Wong Chuk Hang	210	5.7	31.0	28.5	26.5		25.6	84			
橫瀾島 Waglan Island	230	19.6	33.1	28.6	26.2		25.2	82	1009.6	45.0	
青洲 Green Island	190	19.3								37.5	
將軍澳 Tseung Kwan O	190 (99)	5.2 (99)	32.1 (99)	28.3	25.6 (99)	25.5	24.4	80		137.5	
長洲 Cheung Chau	190	17.3	34.1	28.7	25.7	26.4	25.5	84	1009.9	25.0	
京士柏 King's Park	270	8.8	32.0	28.6	26.4	25.5	24.2	78	1009.6	59.1	
平洲 Ping Chau	150	4.1	32.9	27.7	24.6					51.0	
吉澳 Kat O			33.4	29.2	26.1					46.0	
大美督 Tai Mei Tuk	240	11.4	34.1	28.9	25.7					90.0	
沙螺灣 Sha Lo Wan	220	11.0	33.8	29.5	26.5	25.4	23.6	72	1009.4	70.0	
西貢 Sai Kung	180	10.1	32.1	28.8	26.2	25.9	24.8	79			
塔門 Tap Mun			31.5	27.4	24.2					85.5	
鯉魚湖 Tsak Yue Wu			32.2	27.2	23.2		24.4	86		65.0	
石崗 Shek Kong	-	-	33.1	28.8	25.6		24.6	79	1008.9	99.0	
彌勒山 Nei Lak Shan	210 (99)	30.6 (99)	26.9	23.4	21.3	22.7	22.4	94	1010.5		
啟德 Kai Tak	230	8.4								96.5	
大埔 Tai Po			32.7	28.7	25.8	25.5	24.2	78	1009.6		
昂坪 Ngong Ping	220 (99)	29.2 (99)	26.2	23.7	22.0						
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	190 (99)	16.8 (99)	30.8	29.0	27.3		26.1	85	1009.7		
山頂 The Peak			28.6	25.4	23.6					47.0	
坪洲 Peng Chau	210	10.0	33.3	29.2	26.5	26.5	25.5	81	1009.4	49.0	
上水 Sheung Shui			33.7	29.1	25.7	25.6 (97)	24.1 (97)	76 (97)	1008.9	107.5	
中環碼頭 Central Pier	290	9.9									
濕地公園 Wetland Park	160	6.5	32.8	28.6	25.6		24.8	81	1009.2	122.0	
荃灣可觀 Tsuen Wan Ho Koon			30.3	27.1	24.8		24.8	88		77.0	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			32.7	28.9	26.2		24.8	79		64.5	
香港公園 Hong Kong Park			30.9	28.3	26.5						
筲箕灣 Shau Kei Wan			31.2	28.2	26.1					97.0	
九龍城 Kowloon City			32.6	28.7	26.4						
滘西洲 Kau Sai Chau			32.9 (99)	28.3	25.3 (99)	22.5 (11)*	23.7	77		70.5 (99)	
跑馬地 Happy Valley			32.1 (99)	29.0 (99)	26.9 (99)					64.5	
黃大仙 Wong Tai Sin			32.3	28.9	26.5						
赤柱 Stanley			31.2 (99)	28.5	26.5 (99)						
觀塘 Kwun Tong			31.7	28.4	26.1						
深水埗 Sham Shui Po			32.6	29.0	26.5					59.5	
新青衣站 New Tsing Yi Station			32.0	28.8	26.4		24.8	80			
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			30.0 (99)	26.3	23.8 (99)					93.5 (99)	
荃灣城門谷 Tsuen Wan Shing Mun Valley			31.4	28.2	25.6	25.8	24.8	82			
南丫島 Lamma Island	220	11.2								42.0	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	200 (99)	13.1 (99)	31.3 (99)	29.2	27.2 (99)		24.2	75	1010.0		
雙魚河 Beas River			33.1	28.2	24.3		24.5	82		116.5	
啟德跑道公園 Kai Tak Runway Park			31.5 (94)	28.5 (94)	26.5 (94)						
元朗公園 Yuen Long Park			33.5	29.0	25.8						
清水灣 Clear Water Bay			31.3	28.1	26.0						
大隴 Tai Lung			33.4	28.3	24.4						
屯門政府合署 Tuen Mun Government Offices	150	10.1									
九龍天星碼頭 Star Ferry, Kowloon	160	9.4									
青衣靚殼油庫 Shell Oil Depot	140 (98)	10.3 (98)									
大磨刀 Tai Mo To	160 (99)	13.2 (99)									
小蠔灣 Siu Ho Wan	180 (51)	11.0 (51)									
二東山 Yi Tung Shan	190	27.2									
沙洲 Sha Chau	200	17.4									
北角 North Point	260	9.2									
大澳 Tai O	190 (77)	20.7 (77)									
長洲泳灘 Cheung Chau Beach	210	13.0									
大埔滘 Tai Po Kau	170 (98)	6.7 (98)									
塔門東 Tap Mun East	170	11.7									

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

* 該自動氣象站所提供之相對濕度數據於2021年內改由相對濕度探頭量度，因而停止濕球溫度測量。

* The relative humidity data from these automatic weather stations were measured by relative humidity probe within 2021. The measurement of wet-bulb temperature was ceased accordingly.

表 13 (續)
Table 13 (cont'd)

二零二一年六月氣象要素的數值
Monthly Values of Meteorological Elements in June 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	260	9.4	31.2	28.8	26.9	26.4	25.4	82	1005.9	628.0	83
香港國際機場 HKA	210	16.7	32.2	29.4	27.0	25.8	24.5	76	1005.7	395.5	82
沙田 Sha Tin	230	9.3	31.4	28.8	26.6	26.1	24.9	80	1005.9	351.5	
流浮山 Lau Fau Shan	200	14.0	31.7	28.1	25.6	25.8	24.8	83	1005.5	308.5	
打鼓嶺 Ta Kwu Ling	100	6.0	32.1	28.2	25.5	25.9	25.0	84	1005.5	366.0	
大帽山 Tai Mo Shan	210	28.2	23.5	21.9	20.3	21.7	21.7	99	1007.8	412.5	
大老山 Tate's Cairn	190	21.1	26.8	24.2	22.5	23.8	23.7	97	1006.8	572.0	
黃麻角(赤柱) Bluff Head (Stanley)	080 (3)	13.4 (3)	29.7 (3)	25.8 (3)	24.7 (3)						
黃竹坑 Wong Chuk Hang	210	5.6	30.7	28.4	26.5		26.3	88			
橫瀾島 Waglan Island	230	23.1	30.4	27.9	25.9		25.8	89	1006.0	305.0	
青洲 Green Island	200	20.7								482.0	
將軍澳 Tseung Kwan O	190 (99)	3.6 (99)	30.6 (98)	27.7 (99)	25.7 (98)	25.7 (88)	24.8 (88)	83 (88)		526.5	
長洲 Cheung Chau	200 (96)	18.7 (96)	31.3 (96)	27.8 (96)	25.6 (96)	26.5 (96)	26.0 (96)	90 (96)	1006.4 (96)	473.0 (96)	
京士柏 King's Park	090	9.3	30.8	28.3	26.3	25.9	25.0	83	1006.0	583.6	
平洲 Ping Chau	150	3.6	31.6	28.0	25.8					138.5	
吉澳 Kat O			31.7	28.6	26.4					247.5	
大美督 Tai Mei Tuk	240	12.8	32.2	28.4	26.0					382.0	
沙螺灣 Sha Lo Wan	220 (93)	11.9 (93)	33.4 (45)	29.9 (45)	27.7 (45)	26.4 (45)	24.9 (45)	75 (45)	1005.7	70.5 (72)	
西貢 Sai Kung	190	9.3	31.2	28.6	26.6	26.3	25.3	83			
塔門 Tap Mun			30.2	27.4	25.3					191.5	
鯉魚湖 Tsak Yue Wu			30.9	27.4	24.7		25.4	90		400.5	
石崗 Shek Kong	-	-	31.9	28.5	25.9		25.5	85	1005.3	324.5	
彌勒山 Nei Lak Shan	210 (87)	33.4 (87)	25.9 (90)	23.4 (90)	21.7 (90)	23.0 (90)	22.8 (90)	97 (90)	1007.0 (90)		
啟德 Kai Tak	230	9.7								533.5	
大埔 Tai Po			30.6 (99)	28.1 (99)	25.9 (99)	26.0 (99)	25.2 (99)	85 (99)	1006.1 (99)		
昂坪 Ngong Ping	230 (96)	32.8 (96)	25.9 (99)	24.0 (99)	22.5 (99)						
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	210 (98)	18.1 (98)	31.4 (98)	29.4 (98)	27.4 (98)		26.3 (98)	83 (98)	1006.1 (98)		
山頂 The Peak			27.7 (92)	25.4 (93)	23.8 (92)					588.0	
坪洲 Peng Chau	220	10.9	31.4	28.6	26.5	26.9	26.2	88	1005.9	421.5	
上水 Sheung Shui			32.6	28.7	26.2	26.3 (98)	25.3 (98)	83 (98)	1005.4	314.5	
中環碼頭 Central Pier	100 (98)	12.0 (98)									
濕地公園 Wetland Park	160 (99)	5.6 (99)	32.2 (99)	28.5 (99)	25.9 (99)		25.9 (99)	87 (99)	1005.6 (99)	345.5 (99)	
荃灣可觀 Tsuen Wan Ho Koon			29.1	26.9	25.0		25.6	93		422.5	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			31.2	28.5	26.3		25.4	84		140.0 (88)	
香港公園 Hong Kong Park			30.3 (98)	28.1	26.2 (98)						
筲箕灣 Shau Kei Wan			30.2 (99)	27.9	26.0 (99)					573.0 (99)	
九龍城 Kowloon City			31.3	28.3	26.0						
滘西洲 Kau Sai Chau			31.5	28.1	25.9		24.6	82		474.5	
跑馬地 Happy Valley			31.8	28.9	26.8					603.5	
黃大仙 Wong Tai Sin			31.5	28.5	26.2						
赤柱 Stanley			30.7	28.2	26.3						
觀塘 Kwun Tong			30.6	28.1	26.1						
深水埗 Sham Shui Po			31.3	28.6	26.3					511.0	
新青衣站 New Tsing Yi Station			31.1	28.5	26.4		25.4	84			
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			28.7 (98)	26.0	24.0 (98)					401.0 (98)	
荃灣城門谷 Tsuen Wan Shing Mun Valley			30.2 (98)	27.9 (98)	25.7 (98)	26.3 (98)	25.6 (98)	88 (98)			
南丫島 Lamma Island	220	12.7								607.5	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	210 (97)	14.4 (97)	31.2 (97)	29.3 (98)	27.2 (97)		24.8 (98)	77 (98)	1006.5 (98)		
雙魚河 Beas River			32.2	28.3	25.6		25.6	86		316.0	
啟德跑道公園 Kai Tak Runway Park			30.7	28.5	26.6						
元朗公園 Yuen Long Park			32.9	28.9	26.2						
清水灣 Clear Water Bay			30.3	27.9 (89)	26.1						
大隴 Tai Lung			32.5 (97)	28.5 (99)	25.6 (97)						
屯門政府合署 Tuen Mun Government Offices	150	8.8									
九龍天星碼頭 Star Ferry, Kowloon	090	11.3									
青衣蜆殼油庫 Shell Oil Depot	140	9.4									
大磨刀 Tai Mo To	120	13.8									
小蠔灣 Siu Ho Wan	170 (37)	10.9 (37)									
二東山 Yi Tung Shan	190 (58)	31.6 (58)									
沙洲 Sha Chau	210 (88)	19.0 (88)									
北角 North Point	260	11.4									
大澳 Tai O	190 (99)	19.1 (99)									
長洲泳灘 Cheung Chau Beach	220	14.8									
大埔滘 Tai Po Kau	090 (98)	8.3 (98)									
塔門東 Tap Mun East	190 (67)	12.7 (87)									

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

表 13 (續)
Table 13 (cont'd)

二零二一年七月氣象要素的數值
Monthly Values of Meteorological Elements in July 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	100	9.9	32.6	29.7	27.7	26.9	25.8	80	1004.7	379.5	71
香港國際機場 HKA	100	15.0	33.4	30.2	27.7	26.2	24.9	74	1004.5	430.9	72
沙田 Sha Tin	230	7.3	32.9	29.7	27.1	26.5	25.2	78	1004.7	453.0	
流浮山 Lau Fau Shan	150	12.7	32.3	28.9	26.3	26.3	25.2	82	1004.3	228.5	
打鼓嶺 Ta Kwu Ling	100	5.9	33.5	29.1	25.9	26.6	25.6	83	1004.3	341.0	
大帽山 Tai Mo Shan	110	22.4	25.2	22.6	20.7	22.2 (97)	22.0 (97)	96 (97)	1006.7	360.0	
大老山 Tate's Cairn	190 (99)	18.8 (99)	28.7	25.2	23.1	24.4	24.1	94	1005.5	540.0	
黃麻角(赤柱) Bluff Head (Stanley)	-	-	-	-	-	-	-	-	-	-	-
黃竹坑 Wong Chuk Hang	010 (56)	5.8	31.7	29.3	26.8	-	26.7	86	-	-	-
橫瀾島 Waglan Island	090	19.5	31.6	28.8	26.6	-	26.5	88	1004.8	303.0	
青洲 Green Island	200 (35)	20.3 (35)	-	-	-	-	-	-	-	299.0	
將軍澳 Tseung Kwan O	190	0.6	32.2	28.8	26.4	26.7	25.9	85	-	660.5	
長洲 Cheung Chau	120	17.0	32.1	28.4	26.0	26.8	26.2	88	1004.8	381.5	
京士柏 King's Park	100 (94)	9.3 (94)	32.0 (95)	29.3 (95)	27.1 (95)	26.5 (95)	25.4 (95)	80 (95)	1004.7 (95)	260.9 (95)	
平洲 Ping Chau	150 (98)	3.0 (98)	32.2 (97)	28.6 (98)	26.1 (97)	-	-	-	-	324.0 (97)	
吉澳 Kat O	-	-	33.0 (86)	29.5 (86)	27.2 (86)	-	-	-	-	249.5	
大美督 Tai Mei Tuk	080	11.0	33.5	29.2	26.6	-	-	-	-	333.0	
沙螺灣 Sha Lo Wan	230 (93)	9.8 (93)	33.6 (95)	29.7 (95)	27.2 (95)	26.4 (95)	25.0 (95)	76 (95)	1004.6	54.5 (74)	
西貢 Sai Kung	170	9.2	32.5	29.4	27.0	26.9	25.9	82	-	-	
塔門 Tap Mun	-	-	31.3	28.1	25.7	-	-	-	-	364.0	
鯉魚湖 Tsak Yue Wu	-	-	31.9	27.6	24.6	-	25.8	91	-	502.0	
石崗 Shek Kong	-	-	33.6	29.4	26.3	-	25.6	81	1004.1	279.0	
彌勒山 Nei Lak Shan	240 (10)	20.8 (18)	-	-	-	-	-	-	-	-	
啟德 Kai Tak	120	9.4	-	-	-	-	-	-	-	394.5	
大埔 Tai Po	-	-	31.7 (98)	28.7 (98)	26.4 (98)	26.6 (98)	25.7 (98)	84 (98)	1004.8 (98)	-	
昂坪 Ngong Ping	100 (92)	25.3 (92)	28.0 (94)	25.0 (94)	23.2 (94)	-	-	-	-	-	
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	200	14.6	32.8	30.5	28.4	-	25.9	77	1005.0	-	
山頂 The Peak	-	-	29.6	26.5	24.4	-	-	-	-	468.5	
坪洲 Peng Chau	100 (99)	10.4 (99)	32.6 (99)	29.5	27.2 (99)	27.5	26.7	85	1004.7 (97)	318.0	
上水 Sheung Shui	-	-	34.1	29.5	26.5	26.7	25.6	81	1004.2	461.0	
中環碼頭 Central Pier	100	12.0	-	-	-	-	-	-	-	-	
濕地公園 Wetland Park	160	4.9	33.3 (99)	29.5	26.6 (99)	-	26.4	85	1004.1	226.0 (99)	
荃灣可觀 Tsuen Wan Ho Koon	-	-	30.3 (99)	27.5	25.5 (99)	-	25.9	91	-	307.5 (99)	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home	-	-	32.4	29.5	27.2	-	25.8	81	-	214.5	
香港公園 Hong Kong Park	-	-	31.6	29.0	26.8	-	-	-	-	-	
筲箕灣 Shau Kei Wan	-	-	31.4	28.9	26.6	-	-	-	-	447.5	
九龍城 Kowloon City	-	-	32.7	29.3	26.9	-	-	-	-	-	
滘西洲 Kau Sai Chau	-	-	32.6	28.7	26.0	-	25.2	82	-	448.5	
跑馬地 Happy Valley	-	-	33.3	29.9	27.3	-	-	-	-	415.0	
黃大仙 Wong Tai Sin	-	-	32.9 (99)	29.6	27.2 (99)	-	-	-	-	-	
赤柱 Stanley	-	-	31.9 (99)	29.3 (99)	27.1 (99)	-	-	-	-	-	
觀塘 Kwun Tong	-	-	32.0	29.0	26.8	-	-	-	-	-	
深水埗 Sham Shui Po	-	-	32.8 (99)	29.6	27.3 (99)	-	-	-	-	361.0 (99)	
新青衣站 New Tsing Yi Station	-	-	32.4 (99)	29.4 (99)	27.0 (99)	-	25.7 (99)	81 (99)	-	-	
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden	-	-	30.2 (98)	26.9	24.6 (98)	-	-	-	-	419.5 (98)	
荃灣城門谷 Tsuen Wan Shing Mun Valley	-	-	32.2	28.7	26.1	26.6	25.8	85	-	-	
南丫島 Lamma Island	100 (99)	11.0 (99)	-	-	-	-	-	-	-	331.0 (99)	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	120 (99)	13.5 (99)	32.4 (99)	30.0	27.9 (99)	-	25.5	77	1005.2	-	
雙魚河 Beas River	-	-	33.3	28.7	25.4	-	25.9	86	-	488.5	
啟德跑道公園 Kai Tak Runway Park	-	-	31.9	29.4	27.3	-	-	-	-	-	
元朗公園 Yuen Long Park	-	-	34.1	29.7	26.6	-	-	-	-	-	
清水灣 Clear Water Bay	-	-	31.5	28.9	26.6	-	-	-	-	-	
大隴 Tai Lung	-	-	34.0	29.2	25.8	-	-	-	-	-	
屯門政府合署 Tuen Mun Government Offices	150	8.8	-	-	-	-	-	-	-	-	
九龍天星碼頭 Star Ferry, Kowloon	100	10.1	-	-	-	-	-	-	-	-	
青衣靚殼油庫 Shell Oil Depot	120	8.9	-	-	-	-	-	-	-	-	
大磨刀 Tai Mo To	110	13.7	-	-	-	-	-	-	-	-	
小蠔灣 Siu Ho Wan	100 (77)	10.0 (77)	-	-	-	-	-	-	-	-	
二東山 Yi Tung Shan	220 (11)	21.0 (11)	-	-	-	-	-	-	-	-	
沙洲 Sha Chau	200	15.3	-	-	-	-	-	-	-	-	
北角 North Point	090	11.3	-	-	-	-	-	-	-	-	
大澳 Tai O	130	14.5	-	-	-	-	-	-	-	-	
長洲泳灘 Cheung Chau Beach	080 (99)	14.4 (99)	-	-	-	-	-	-	-	-	
大埔滘 Tai Po Kau	090 (92)	8.1 (92)	-	-	-	-	-	-	-	-	
塔門東 Tap Mun East	020 (91)	13.7 (96)	-	-	-	-	-	-	-	-	

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

表 13 (續)
Table 13 (cont'd)

二零二一年八月氣象要素的數值
Monthly Values of Meteorological Elements in August 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	260	8.1	31.4	28.8	26.8	26.4	25.4	83	1006.4	350.5	77
香港國際機場 HKA	230	13.0	32.5	29.4	27.2	25.8	24.6	76	1006.2	158.5	80
沙田 Sha Tin	230	6.8	31.9 (95)	28.7 (96)	26.4 (95)	26.1 (96)	25.0 (96)	81 (96)	1006.3 (96)	385.0 (95)	
流浮山 Lau Fau Shan	150	11.5	31.7	28.1	25.8	26.0	25.1	85	1006.0	180.0	
打鼓嶺 Ta Kwu Ling	100	4.3	32.5	28.2	25.3	26.2	25.3	86	1006.3	487.5	
大帽山 Tai Mo Shan	200	21.3	24.5	21.9	20.3	21.5	21.3	97	1008.5	330.0	
大老山 Tate's Cairn	190	17.0	28.0	24.6	22.8	23.8	23.5	94	1007.3	404.5	
黃麻角(赤柱) Bluff Head (Stanley)	-	-	-	-	-	-	-	-	-	-	-
黃竹坑 Wong Chuk Hang	080 (2)	3.9 (84)	30.9	28.4	26.3		26.3	89			
橫瀾島 Waglan Island	230	16.5	30.8	27.6	25.4		26.0	91	1006.4	338.0	
青洲 Green Island	200 (99)	16.0 (99)								294.0	
將軍澳 Tseung Kwan O	190 (37)	0.2 (37)	31.5 (98)	27.9 (98)	25.8 (98)	26.5 (61)*	25.3 (98)	87 (98)		352.0	
長洲 Cheung Chau	200	13.5	30.8	27.2	25.1	26.1	25.7	92	1006.5	302.0	
京士柏 King's Park	270	7.9	31.0	28.3	26.3	26.0	25.0	83	1006.3 (99)	341.1	
平洲 Ping Chau	140 (99)	2.7 (99)	31.5 (98)	28.1 (99)	26.0 (98)					260.0 (98)	
吉澳 Kat O			30.5 (94)	27.3 (95)	25.1 (94)					168.5 (76)	
大美督 Tai Mei Tuk	260	8.8	32.9	28.4	26.0					517.5	
沙螺灣 Sha Lo Wan	230	8.3	32.3 (87)	28.7 (87)	26.4 (87)	25.9 (87)	24.7 (87)	80 (87)	1006.4	164.0	
西貢 Sai Kung	170	6.1	32.0	28.7	26.3	26.4 (98)*	25.5	84			
塔門 Tap Mun			30.1	27.0	24.9					295.0	
鯉魚湖 Tsak Yue Wu			31.4	26.9	24.1		25.5	93		296.0	
石崗 Shek Kong	-	-	32.8	28.4	25.7		25.7	86	1005.8	325.5	
彌勒山 Nei Lak Shan	210 (94)	26.9 (94)	-	-	-	-	-	-	-	-	-
啟德 Kai Tak	130	6.9								322.5	
大埔 Tai Po			31.1 (99)	27.9 (99)	25.8 (99)	26.4 (79)*	25.3 (99)	86 (99)	1006.5		
昂坪 Ngong Ping	220 (79)	24.1 (79)	26.8 (81)	24.3 (81)	22.8 (81)						
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	200	13.8	31.5	29.3	27.5		25.5	80	1006.8		
山頂 The Peak			28.5	25.7	23.9					330.0	
坪洲 Peng Chau	210	7.4	31.4	28.3	26.4	26.9	26.3	89	1006.2	314.0	
上水 Sheung Shui			33.1 (99)	28.6 (99)	25.9 (99)	26.2 (99)	25.3 (99)	83 (99)	1006.0 (99)	595.5 (99)	
中環碼頭 Central Pier	300 (97)	9.6 (97)									
濕地公園 Wetland Park	160	3.8	32.4	28.6	26.1		26.2	88	1005.9	246.5	
荃灣可觀 Tsuen Wan Ho Koon			29.7 (99)	26.9	25.0 (99)		25.7	93		325.0 (99)	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			31.5	28.5	26.3		25.6	85		248.0	
香港公園 Hong Kong Park			30.7	28.1	26.2						
筲箕灣 Shau Kei Wan			31.1	28.1	25.8					182.5 (76)	
九龍城 Kowloon City			31.8	28.4	26.0						
滘西洲 Kau Sai Chau			31.8	28.0	25.4		24.8	84		303.0	
跑馬地 Happy Valley			32.3	29.0	26.7					344.5	
黃大仙 Wong Tai Sin			32.0	28.8	26.4						
赤柱 Stanley			30.9 (99)	28.1	26.0 (99)						
觀塘 Kwun Tong			31.4	28.3	26.3						
深水埗 Sham Shui Po			32.0	28.7	26.4					244.0 (99)	
新青衣站 New Tsing Yi Station			31.4	28.4	26.2		25.5	85			
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			29.6 (98)	26.1	24.1 (98)					393.0 (98)	
荃灣城門谷 Tsuen Wan Shing Mun Valley			31.5	28.0	25.7	26.3	25.7	88			
南丫島 Lamma Island	220 (99)	8.8 (99)								302.0 (99)	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	110 (99)	11.0 (99)	31.8 (99)	29.3	27.2 (99)		25.2	79	1007.0		
雙魚河 Beas River			32.4 (90)	27.8 (90)	24.7 (90)		25.5 (90)	88 (90)		401.0 (90)	
啟德跑道公園 Kai Tak Runway Park			31.5	28.5	26.3						
元朗公園 Yuen Long Park			33.2	28.8	26.0						
清水灣 Clear Water Bay			30.8	27.9	25.7						
大隴 Tai Lung			33.1 (97)	28.3 (97)	25.3 (97)						
屯門政府合署 Tuen Mun Government Offices	150	7.3									
九龍天星碼頭 Star Ferry, Kowloon	290	7.5									
青衣靚殼油庫 Shell Oil Depot	130	6.9									
大磨刀 Tai Mo To	160	11.1									
小蠔灣 Siu Ho Wan	180 (38)	8.2 (38)									
二東山 Yi Tung Shan	200	25.8									
沙洲 Sha Chau	210 (72)	13.1 (72)									
北角 North Point	260	9.1									
大澳 Tai O	190 (97)	12.8 (97)									
長洲泳灘 Cheung Chau Beach	230	10.6									
大埔滘 Tai Po Kau	100 (61)	6.6 (61)									
塔門東 Tap Mun East	120	8.7									

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

* 該自動氣象站所提供之相對濕度數據於2021年內改由相對濕度探頭量度，因而停止濕球溫度測量。

* The relative humidity data from these automatic weather stations were measured by relative humidity probe within 2021. The measurement of wet-bulb temperature was ceased accordingly.

表 13 (續)
Table 13 (cont'd)

二零二一年九月氣象要素的數值
Monthly Values of Meteorological Elements in September 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	100	10.5	32.8	29.7	27.8	26.7	25.4	78	1009.6	129.6	71
香港國際機場 HKA	100	12.0	33.4	30.1	27.6	25.9	24.4	72	1009.5	79.0	70
沙田 Sha Tin	090	5.5	33.1	29.4	26.8	26.1 (8)*	25.5	80	1009.7	84.5	
流浮山 Lau Fau Shan	080	10.2	32.5	28.5	25.8	26.0	25.0	82	1009.3	131.5	
打鼓嶺 Ta Kwu Ling	100	4.6	33.7	28.7	25.4	26.2	25.2	83	1009.6	134.0	
大帽山 Tai Mo Shan	110	17.5	25.7 (79)	22.4 (79)	20.4 (79)	21.6 (79)	21.2 (79)	93 (79)	1011.7 (79)	156.5	
大老山 Tate's Cairn	110	16.1	28.7	25.1	23.0	24.0	23.6	92	1010.6	156.5	
黃麻角(赤柱) Bluff Head (Stanley)	-	-	-	-	-	-	-	-	-	-	-
黃竹坑 Wong Chuk Hang	190 (95)	5.0 (95)	32.3 (95)	29.5 (96)	27.2 (95)	-	26.2 (96)	83 (96)	-	-	-
橫瀾島 Waglan Island	080	16.7	32.5	28.9	26.8	-	26.1	86	1009.7	22.5	
青洲 Green Island	060 (97)	15.7 (97)	-	-	-	-	-	-	-	89.5 (97)	
將軍澳 Tseung Kwan O	140 (45)	5.5 (45)	32.3	28.4	25.9	-	25.2	84	-	236.5	
長洲 Cheung Chau	110	14.0	32.3	28.4	26.1	26.5 (65)*	25.6	85	1009.7	58.0	
京士柏 King's Park	090 (98)	9.0 (98)	32.0 (99)	29.1 (99)	27.2 (99)	26.1 (99)	24.9 (99)	78 (99)	1009.5 (99)	92.2 (99)	
平洲 Ping Chau	080 (95)	2.4 (95)	33.4 (95)	29.0 (95)	26.7 (95)	-	-	-	-	63.0 (95)	
吉澳 Kat O	-	-	32.6	28.4	26.0	-	-	-	-	39.0	
大美督 Tai Mei Tuk	050	9.8	33.8 (99)	29.2	26.7 (99)	-	-	-	-	157.5 (99)	
沙螺灣 Sha Lo Wan	230	7.4	33.2	29.3	26.7	26.1	24.7	77	1009.7	97.0	
西貢 Sai Kung	070	7.0	32.7	29.5	27.2	-	25.7	80	-	-	
塔門 Tap Mun	-	-	31.2	27.9	25.5	-	-	-	-	38.0	
鯉魚湖 Tsak Yue Wu	-	-	32.8	27.4	23.9	-	25.3	90	-	122.0	
石崗 Shek Kong	-	-	33.7	28.9	25.7	-	25.9	85	1009.1	120.5	
彌勒山 Nei Lak Shan	100	20.2	28.6 (78)	24.5 (78)	22.1 (78)	23.0 (78)	22.2 (78)	88 (78)	1011.0 (78)	-	
啟德 Kai Tak	130	8.9	-	-	-	-	-	-	-	62.5	
大埔 Tai Po	-	-	32.1	28.8	26.4	-	24.8	80	1009.8	-	
昂坪 Ngong Ping	100 (82)	18.8 (82)	29.2 (91)	25.3 (91)	23.1 (91)	-	-	-	-	-	
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	080	10.7	33.8	30.6	28.4	-	26.2	78	1010.1	-	
山頂 The Peak	-	-	30.0	26.5	24.7	-	-	-	-	81.0	
坪洲 Peng Chau	100	9.0	32.8 (99)	29.4 (99)	27.1 (99)	27.0 (91)*	26.1 (99)	83 (99)	1009.4 (99)	35.5	
上水 Sheung Shui	-	-	35.0	29.4	26.2	26.5	25.3	80	1009.4	120.0	
中環碼頭 Central Pier	100	11.7	-	-	-	-	-	-	-	-	
濕地公園 Wetland Park	170	3.2	33.4 (99)	29.0 (99)	26.1 (99)	-	25.8 (99)	84 (99)	1009.6 (99)	60.5 (99)	
荃灣可觀 Tsuen Wan Ho Koon	-	-	30.9	27.4	25.1	-	25.5	90	-	110.5	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home	-	-	32.8	29.3	26.8	-	25.3	80	-	37.5	
香港公園 Hong Kong Park	-	-	31.8	28.9	26.9	-	-	-	-	-	
筲箕灣 Shau Kei Wan	-	-	32.0	28.9	26.7	-	-	-	-	68.5 (80)	
九龍城 Kowloon City	-	-	33.5	29.4	27.0	-	-	-	-	-	
滘西洲 Kau Sai Chau	-	-	33.0 (97)	28.7 (97)	26.0 (97)	-	24.9 (97)	81 (97)	-	115.5 (97)	
跑馬地 Happy Valley	-	-	33.8	29.9	27.4	-	-	-	-	81.0	
黃大仙 Wong Tai Sin	-	-	33.2 (97)	29.6 (97)	27.1 (97)	-	-	-	-	-	
赤柱 Stanley	-	-	32.3	29.3	27.4	-	-	-	-	-	
觀塘 Kwun Tong	-	-	32.3	29.1	27.0	-	-	-	-	-	
深水埗 Sham Shui Po	-	-	33.4	29.7	27.4	-	-	-	-	57.5	
新青衣站 New Tsing Yi Station	-	-	32.9	29.5	26.8	-	25.0	78	-	-	
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden	-	-	30.6 (88)	26.6 (90)	24.4 (88)	-	-	-	-	130.0 (97)	
荃灣城門谷 Tsuen Wan Shing Mun Valley	-	-	33.0	28.6	25.7	26.4	25.6	84	-	-	
南丫島 Lamma Island	090	9.6	-	-	-	-	-	-	-	48.5	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	120	11.0	32.4 (99)	29.8	27.8 (99)	-	25.1	76	1010.7	-	
雙魚河 Beas River	-	-	34.0 (97)	28.4 (99)	24.8 (97)	-	25.7 (99)	86 (99)	-	115.0 (97)	
啟德跑道公園 Kai Tak Runway Park	-	-	31.9 (99)	29.4 (99)	27.4 (99)	-	-	-	-	-	
元朗公園 Yuen Long Park	-	-	34.4	29.4	26.0	-	-	-	-	-	
清水灣 Clear Water Bay	-	-	31.8	28.9	27.0	-	-	-	-	-	
大隴 Tai Lung	-	-	34.4	28.9	25.3	-	-	-	-	-	
屯門政府合署 Tuen Mun Government Offices	150	7.2	-	-	-	-	-	-	-	-	
九龍天星碼頭 Star Ferry, Kowloon	090	9.1	-	-	-	-	-	-	-	-	
青衣靚殼油庫 Shell Oil Depot	120	6.7	-	-	-	-	-	-	-	-	
大磨刀 Tai Mo To	120	11.1	-	-	-	-	-	-	-	-	
小蠔灣 Siu Ho Wan	180 (56)	8.3 (56)	-	-	-	-	-	-	-	-	
二東山 Yi Tung Shan	140	21.2	-	-	-	-	-	-	-	-	
沙洲 Sha Chau	110 (99)	11.3 (99)	-	-	-	-	-	-	-	-	
北角 North Point	090	11.7	-	-	-	-	-	-	-	-	
大澳 Tai O	130 (96)	12.7 (96)	-	-	-	-	-	-	-	-	
長洲泳灘 Cheung Chau Beach	080	12.7	-	-	-	-	-	-	-	-	
大埔滘 Tai Po Kau	100 (99)	7.9 (99)	-	-	-	-	-	-	-	-	
塔門東 Tap Mun East	120	12.4	-	-	-	-	-	-	-	-	

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

* 該自動氣象站所提供之相對濕度數據於2021年內改由相對濕度探頭量度，因而停止濕球溫度測量。

* The relative humidity data from these automatic weather stations were measured by relative humidity probe within 2021. The measurement of wet-bulb temperature was ceased accordingly.

表 13 (續)
Table 13 (cont'd)

二零二一年十月氣象要素的數值
Monthly Values of Meteorological Elements in October 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	090	13.4	28.5	26.0	24.1	23.0	21.4	76	1012.8	631.1	74
香港國際機場 HKA	090	16.9	29.1	26.0	23.8	22.0	20.2	71	1012.9	634.0	75
沙田 Sha Tin	040	8.4	28.4	25.5	23.2		21.3	78	1012.9	620.0	
流浮山 Lau Fau Shan	080	14.9	28.2	24.6	22.2	22.1	20.7	80	1012.9	388.0	
打鼓嶺 Ta Kwu Ling	100	9.0	28.5	24.7	21.8	22.1	20.8	80	1013.2	579.5	
大帽山 Tai Mo Shan	100	31.1	21.1	18.5	16.6	18.1	17.9	96	1014.8	480.5	
大老山 Tate's Cairn	100	30.6	23.4	20.8	18.8	19.9	19.4	92	1013.7	666.5	
黃麻角(赤柱) Bluff Head (Stanley)	-	-	-	-	-						
黃竹坑 Wong Chuk Hang	080	9.7	28.4	26.1	24.0		22.0	79			
橫瀾島 Waglan Island	080	34.4	28.1	25.6	23.5		22.0	81	1012.6	349.5	
青洲 Green Island	070 (99)	28.5 (99)								515.0 (99)	
將軍澳 Tseung Kwan O	070	7.9	28.1	24.9	22.6		21.1	80		564.0	
長洲 Cheung Chau	100	25.9	28.0	24.9	22.8		21.5	82	1012.5	455.5	
京士柏 King's Park	090 (99)	12.5 (99)	27.8 (99)	25.3 (99)	23.2 (99)	22.2 (99)	20.6 (99)	76 (99)	1012.7 (99)	639.3 (99)	
平洲 Ping Chau	080 (55)	5.2 (55)	29.2 (54)	26.4 (55)	24.1 (54)					282.0 (54)	
吉澳 Kat O			26.8	24.3	22.3					313.5	
大美督 Tai Mei Tuk	040	17.8	28.2	25.0	22.8					531.0	
沙螺灣 Sha Lo Wan	090	10.7	28.2	25.2	23.1	22.2	20.6	76	1013.0	327.5	
西貢 Sai Kung	020	15.2	27.6	25.6	23.6		21.3	78			
塔門 Tap Mun			27.1	24.5	22.4					388.5	
鯉魚湖 Tsak Yue Wu			27.8	24.1	21.2		21.2	85		591.0	
石崗 Shek Kong	-	-	28.5	25.0	22.4		21.3	81	1012.6	571.0	
彌勒山 Nei Lak Shan	080 (98)	32.3 (98)	22.7	19.9	17.9	19.4	19.2	96	1013.9		
啟德 Kai Tak	100	12.6								544.0 (99)	
大埔 Tai Po			27.1	24.8	22.7		20.7	79	1013.3		
昂坪 Ngong Ping	070 (98)	31.9 (98)	23.6	20.7	18.7						
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	080	19.4	28.9	26.4	24.3		21.2	74	1013.3		
山頂 The Peak			25.3	22.8	20.9					684.5	
坪洲 Peng Chau	100	20.9	28.2	25.6	23.5		21.9	80	1012.6	348.5	
上水 Sheung Shui			28.9 (99)	25.2	22.6 (99)	22.0 (95)	20.3 (95)	76 (95)	1013.1	485.5 (99)	
中環碼頭 Central Pier	100	17.1									
濕地公園 Wetland Park	060	4.6	28.5	24.9	22.5		21.3	81	1013.6	342.0	
荃灣可觀 Tsuen Wan Ho Koon			26.9	23.9	21.7		21.3	86		535.0	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			28.5	25.4	23.1		20.9	77		458.5	
香港公園 Hong Kong Park			27.7	25.5	23.6						
筲箕灣 Shau Kei Wan			27.9	25.3	23.2					521.5	
九龍城 Kowloon City			28.2	25.2	22.8						
滘西洲 Kau Sai Chau			28.1	24.8	22.4		20.2 (83)	76 (83)		368.5	
跑馬地 Happy Valley			29.2	26.3	24.1					766.0	
黃大仙 Wong Tai Sin			28.5	25.6	23.3						
赤柱 Stanley			28.5 (99)	26.0	24.0 (99)						
觀塘 Kwun Tong			27.5 (78)	25.2 (78)	23.4 (78)						
深水埗 Sham Shui Po			29.3	25.8	23.4					581.0	
新青衣站 New Tsing Yi Station			28.7	25.9	23.6		20.7	73			
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			25.0 (98)	22.3	20.3 (98)					691.5 (98)	
荃灣城門谷 Tsuen Wan Shing Mun Valley			28.6 (99)	25.0 (99)	22.5 (99)	25.7 (17)*	20.8 (99)	79 (99)			
南丫島 Lamma Island	090	17.1								576.5	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	100 (64)	19.4 (64)	28.7 (54)	27.2 (62)	24.8 (54)		22.2 (62)	75 (62)	1011.1 (62)		
雙魚河 Beas River			28.7	24.5	21.6		21.3	83		525.0	
啟德跑道公園 Kai Tak Runway Park			28.2	26.1	24.1						
元朗公園 Yuen Long Park			29.4	25.4	22.6						
清水灣 Clear Water Bay			27.3	25.2	23.3						
大隴 Tai Lung			29.0	24.9	22.0						
屯門政府合署 Tuen Mun Government Offices	020	8.7									
九龍天星碼頭 Star Ferry, Kowloon	100	12.5									
青衣蜆殼油庫 Shell Oil Depot	120	9.1									
大磨刀 Tai Mo To	110	16.9									
小蠔灣 Siu Ho Wan	100 (91)	11.5 (91)									
二東山 Yi Tung Shan	110	34.2									
沙洲 Sha Chau	010 (95)	20.9 (95)									
北角 North Point	090	17.2									
大澳 Tai O	120 (89)	23.7 (89)									
長洲泳灘 Cheung Chau Beach	070	25.1									
大埔滘 Tai Po Kau	110	13.3									
塔門東 Tap Mun East	360 (94)	21.4 (94)									

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

* 該自動氣象站所提供之相對濕度數據於2021年內改由相對濕度探頭量度，因而停止濕球溫度測量。

* The relative humidity data from these automatic weather stations were measured by relative humidity probe within 2021. The measurement of wet-bulb temperature was ceased accordingly.

表 13 (續)
Table 13 (cont'd)

二零二一年十一月氣象要素的數值
Monthly Values of Meteorological Elements in November 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	100	9.5	25.4	22.4	20.3	18.5	15.8	67	1016.9	5.8	50
香港國際機場 HKA	050	13.5	26.0	22.5	19.9	17.0	13.2	58	1017.1	2.8	51
沙田 Sha Tin	040	6.2	25.5	21.5	18.3		14.9	68	1017.1	4.5	
流浮山 Lau Fau Shan	080	12.0	25.5 (94)	21.1 (94)	18.0 (94)	17.3 (94)	14.3 (94)	67 (94)	1017.1	5.5	
打鼓嶺 Ta Kwu Ling	010	6.3	26.0	20.3	15.8	18.1 (71)*	14.2 (99)	71 (99)	1017.5	4.5	
大帽山 Tai Mo Shan	100	19.0	19.0 (99)	14.9 (99)	12.4 (99)	13.0 (99)	11.0 (99)	80 (99)	1019.0 (99)	9.5	
大老山 Tate's Cairn	110	21.7	21.4	17.3	14.8	15.2 (96)	13.0 (96)	78 (96)	1017.8	6.5	
黃麻角(赤柱) Bluff Head (Stanley)	-	-	-	-	-						
黃竹坑 Wong Chuk Hang	360	5.6	25.6	22.1	19.2		15.8	69			
橫瀾島 Waglan Island	080	24.9	24.6	21.9	20.1		16.2	71	1017.0	1.0	
青洲 Green Island	070	21.1								1.0	
將軍澳 Tseung Kwan O	070	5.4	25.6	21.1	18.3		14.7	69		1.0	
長洲 Cheung Chau	360	18.1	26.1	21.5	18.8		15.5	70	1016.7	0.5	
京士柏 King's Park	090	9.3	25.3	21.7	19.4	17.4	14.0	64	1016.8	5.3	
平洲 Ping Chau	080 (99)	3.2 (99)	25.9 (98)	20.7 (98)	17.4 (98)					0.0 (99)	
吉澳 Kat O			24.5 (89)	21.1 (89)	18.8 (89)					0.5 (89)	
大美督 Tai Mei Tuk	040	11.0	25.8	21.4	18.7					5.0	
沙螺灣 Sha Lo Wan	120	7.4	25.9	21.8	18.9	17.4	14.1	63	1017.2	4.0	
西貢 Sai Kung	020	9.8	24.3	21.6	19.4		14.9	67			
塔門 Tap Mun			24.1	20.5	17.8					1.5	
鯉魚湖 Tsak Yue Wu			24.9	19.3	14.9		14.8	78		1.5	
石崗 Shek Kong	-	-	26.0	20.9	17.0		15.0	71	1017.0	9.5	
彌勒山 Nei Lak Shan	060 (98)	21.4 (98)	20.4	16.5	14.0	15.3	14.2	87	1018.1		
啟德 Kai Tak	100	9.1								3.0 (99)	
大埔 Tai Po			24.3	20.9	18.1		14.4	68	1017.3		
昂坪 Ngong Ping	070 (98)	19.4 (98)	22.0	17.5	14.8						
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	080	14.9	25.4 (97)	22.7	20.8 (97)		13.4	58	1017.6		
山頂 The Peak			22.8	19.3	17.0					2.5	
坪洲 Peng Chau	100	14.6	25.0	21.9	19.5		15.8	70	1016.9	0.5	
上水 Sheung Shui			26.9 (96)	21.1 (98)	17.5 (96)	17.8 (52)*	13.9 (98)	66 (98)	1017.2 (98)	3.0 (96)	
中環碼頭 Central Pier	100	12.4									
濕地公園 Wetland Park	050	2.9	26.5	21.2	17.7		15.3	72	1017.7	7.5	
荃灣可觀 Tsuen Wan Ho Koon			25.0	20.3	17.3		15.1	74		1.0	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			26.0	21.8	19.1		14.3	64		3.0	
香港公園 Hong Kong Park			25.5	21.9	19.7						
筲箕灣 Shau Kei Wan			24.7	21.6	19.5					2.0	
九龍城 Kowloon City			26.6	21.9	19.2						
滘西洲 Kau Sai Chau			25.5	21.0	18.1		14.6	69		0.0	
跑馬地 Happy Valley			26.6	22.4	19.5					3.5	
黃大仙 Wong Tai Sin			26.3	22.1	19.4						
赤柱 Stanley			24.9 (99)	22.1 (99)	20.1 (99)						
觀塘 Kwun Tong			25.2 (98)	21.5 (98)	19.1 (98)						
深水埗 Sham Shui Po			26.9	22.4	19.4					0.0	
新青衣站 New Tsing Yi Station			26.3 (94)	22.2 (95)	19.4 (94)		14.5 (95)	64 (95)			
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			23.0 (99)	18.7	16.2 (99)					8.0 (99)	
荃灣城門谷 Tsuen Wan Shing Mun Valley			26.8	21.0	17.4		14.6	69			
南丫島 Lamma Island	090	12.5								0.0	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	020 (69)	12.3 (69)	24.6 (69)	21.6 (69)	19.6 (69)		13.0 (69)	61 (69)	1018.5 (69)		
雙魚河 Beas River			26.2 (99)	20.0	15.3 (99)		14.9	76		4.0	
啟德跑道公園 Kai Tak Runway Park			25.5	22.5	20.2						
元朗公園 Yuen Long Park			26.9	21.3	17.3						
清水灣 Clear Water Bay			24.2	21.5	19.3						
大隴 Tai Lung			26.4 (99)	20.6 (99)	16.3 (99)						
屯門政府合署 Tuen Mun Government Offices	020	8.0									
九龍天星碼頭 Star Ferry, Kowloon	100	8.5									
青衣靚殼油庫 Shell Oil Depot	110	12.7									
大磨刀 Tai Mo To	010	7.2									
小蠔灣 Siu Ho Wan	180 (85)	9.8 (85)									
二東山 Yi Tung Shan	340 (83)	23.6 (83)									
沙洲 Sha Chau	010 (91)	16.9 (91)									
北角 North Point	090	11.7									
大澳 Tai O	040	18.7									
長洲泳灘 Cheung Chau Beach	070	16.0									
大埔滘 Tai Po Kau	280	8.4									
塔門東 Tap Mun East	360	13.9									

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

* 該自動氣象站所提供之相對濕度數據於2021年內改由相對濕度探頭量度，因而停止濕球溫度測量。

* The relative humidity data from these automatic weather stations were measured by relative humidity probe within 2021. The measurement of wet-bulb temperature was ceased accordingly.

表 13 (續)
Table 13 (cont'd)

二零二一年十二月氣象要素的數值
Monthly Values of Meteorological Elements in December 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	090	9.5	21.4	18.9	16.8	15.5	12.6	68	1020.8	19.5	57
香港國際機場 HKA	050	13.0	21.8	18.7	16.0	14.0	10.0	60	1021.1	38.7	57
沙田 Sha Tin	050	6.9	21.7	18.1	15.0		11.6	68	1021.0	26.5	
流浮山 Lau Fau Shan	080	11.9	21.7 (96)	17.4 (96)	14.5 (96)	13.3 (40)*	10.9 (96)	68 (96)	1021.1	35.5	
打鼓嶺 Ta Kwu Ling	010	6.7	22.2	16.9	12.2		10.5	69	1021.6	29.5	
大帽山 Tai Mo Shan	100	26.8	15.3	11.7	9.2	10.1	7.7	80	1022.7	32.0	
大老山 Tate's Cairn	100	25.0	17.3	13.8	11.2	11.8	9.4	78	1021.6	25.5	
黃麻角(赤柱) Bluff Head (Stanley)	-	-	-	-	-						
黃竹坑 Wong Chuk Hang	070	6.4	22.1	18.9	16.0		12.3	68			
橫瀾島 Waglan Island	070	27.7	21.0	18.4	16.6		13.1	73	1020.9	23.0	
青洲 Green Island	070	23.9								18.0	
將軍澳 Tseung Kwan O	070	6.0	22.1 (92)	18.2 (92)	15.2 (92)		11.8 (91)	69 (91)		24.0	
長洲 Cheung Chau	360	18.6	22.1	18.0	15.4		12.1	71	1020.6	25.5	
京士柏 King's Park	020	9.5	21.4	18.3	15.9	14.4	10.5	64	1020.8	22.4	
平洲 Ping Chau	320	3.7	22.2	17.6	14.4					36.5	
吉澳 Kat O			20.8 (86)	17.8 (90)	15.3 (86)					13.5 (86)	
大美督 Tai Mei Tuk	050	11.1	22.2	18.0	15.1					27.5	
沙螺灣 Sha Lo Wan	080	7.3	21.8	18.1	15.4	14.4	10.8	65	1021.2	41.0	
西貢 Sai Kung	020	11.1	20.6	18.1	15.8		11.6	68			
塔門 Tap Mun			20.4	17.2	14.4					30.0	
鯉魚湖 Tsak Yue Wu			21.3	16.2	11.9		11.7	78		29.5	
石崗 Shek Kong	-	-	22.1	17.4	13.5		12.6	76	1021.1	28.5	
彌勒山 Nei Lak Shan	070 (99)	26.4 (99)	16.2	13.0	10.7	10.9	8.2	77	1021.9		
啟德 Kai Tak	110	8.9								18.5 (99)	
大埔 Tai Po			20.7	17.5	14.5		11.1	68	1021.3		
昂坪 Ngong Ping	070 (97)	22.7 (97)	19.2 (53)	15.3 (53)	12.5 (53)						
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	020	15.4	22.2	19.3	17.1		10.8	62	1021.6		
山頂 The Peak			18.9	15.8	13.6					20.5	
坪洲 Peng Chau	350 (99)	15.8 (99)	21.0 (99)	18.3	15.9 (99)		12.4	71	1020.9	21.0 (99)	
上水 Sheung Shui			22.8	17.6	13.8		10.5	66	1021.1	30.0	
中環碼頭 Central Pier	100	12.7									
濕地公園 Wetland Park	030	3.3	23.2	18.2	14.6		12.3	71	1021.7	31.0	
荃灣可觀 Tsuen Wan Ho Koon			21.0	16.9	14.0		11.7	74		20.5	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			21.9	18.2	15.4		10.9	65		35.5	
香港公園 Hong Kong Park			21.9	18.6	16.3						
筲箕灣 Shau Kei Wan			21.1	18.2	15.9					19.5	
九龍城 Kowloon City			22.4	18.3	15.6						
滘西洲 Kau Sai Chau			21.9	17.6	14.6		11.7	71		25.0	
跑馬地 Happy Valley			22.9	19.1	16.2					16.5	
黃大仙 Wong Tai Sin			22.4	18.7 (99)	15.9						
赤柱 Stanley			21.3	18.7	16.7						
觀塘 Kwun Tong			21.5	18.1	15.5						
深水埗 Sham Shui Po			23.1	18.8	15.9					19.5	
新青衣站 New Tsing Yi Station			22.3 (99)	18.7	15.9 (99)		10.8	63			
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			19.3 (99)	15.3	12.7 (99)					39.0 (99)	
荃灣城門谷 Tsuen Wan Shing Mun Valley			22.7	17.6	14.0		11.1	69			
南丫島 Lamma Island	090	12.1								17.5	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	020	13.6	21.4	18.6	16.4		11.6	68	1021.9		
雙魚河 Beas River			22.5	16.6	11.7		11.6	76		32.5	
啟德跑道公園 Kai Tak Runway Park			21.9	19.1	16.6						
元朗公園 Yuen Long Park			22.8	17.7	13.8						
清水灣 Clear Water Bay			20.6	18.1	15.9						
大隴 Tai Lung			22.4	17.1	12.8						
屯門政府合署 Tuen Mun Government Offices	020	7.8									
九龍天星碼頭 Star Ferry, Kowloon	100	8.3									
青衣蜆殼油庫 Shell Oil Depot	320	7.1									
大磨刀 Tai Mo To	020	12.2									
小蠔灣 Siu Ho Wan	180 (63)	9.5 (63)									
二東山 Yi Tung Shan	350 (99)	26.2 (99)									
沙洲 Sha Chau	010 (99)	17.9 (99)									
北角 North Point	090	12.6									
大澳 Tai O	030 (95)	18.4 (95)									
長洲泳灘 Cheung Chau Beach	030	16.7									
大埔滘 Tai Po Kau	280	8.4									
塔門東 Tap Mun East	360	13.1									

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

* 該自動氣象站所提供之相對濕度數據於2021年內改由相對濕度探頭量度，因而停止濕球溫度測量。

* The relative humidity data from these automatic weather stations were measured by relative humidity probe within 2021. The measurement of wet-bulb temperature was ceased accordingly.

表 14
Table 14

二零二一年全年氣象要素的數值
Annual Values of Meteorological Elements in 2021

觀測站 Station	風 Wind		氣溫 Air Temperature			濕球溫度 Wet-bulb Temperature	露點溫度 Dew Point Temperature	相對濕度 Relative Humidity	氣壓 Pressure	雨量 Rainfall	雲量 Cloud Amount
	盛行風向 Prevailing Direction	平均風速 Mean Speed	平均最高 Mean Maximum	平均 Mean	平均最低 Mean Minimum	平均 Mean	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	平均 Mean
	度 degrees	公里/小時 km / hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫米 mm	%
天文台 HKO	100	10.2	27.5	24.6	22.6	21.7	19.9	76	1012.8	2307.1	66
香港國際機場 HKA	090	14.9	28.3	24.9	22.5	20.8	18.4	69	1012.8	1937.8	65
沙田 Sha Tin	230	7.3	27.7	24.2	21.4	22.0 (67)*	19.2	75	1012.9	2095.0	
流浮山 Lau Fau Shan	080	12.6	27.9 (99)	23.7 (99)	20.9 (99)	20.8 (95)*	18.9 (99)	76 (99)	1012.6	1461.5 (99)	
打鼓嶺 Ta Kwu Ling	100	6.6	28.5	23.6	19.9	21.5 (89)*	18.9	77	1012.9	2131.0	
大帽山 Tai Mo Shan	110	23.3	20.9 (98)	17.7 (98)	15.5 (98)	16.9 (95)	16.0 (95)	91 (95)	1014.8 (98)	1990.5	
大老山 Tate's Cairn	110	21.9	23.3	19.9	17.7	18.7	17.6	88	1013.5	2630.0	
黃麻角(赤柱) Bluff Head (Stanley)	080 (41)	12.7 (41)	25.3 (41)	22.5 (41)	20.4 (41)						
黃竹坑 Wong Chuk Hang	010 (88)	6.2 (98)	27.2	24.4	21.9	11.1 (7)*	20.1	78			
橫瀾島 Waglan Island	070	22.9	27.0	23.9	21.9	15.7 (20)*	20.3	81	1012.9	1451.5	
青洲 Green Island	060 (94)	20.5 (94)								1853.0	
將軍澳 Tseung Kwan O	060 (89)	4.6 (89)	27.3 (98)	23.6 (98)	21.1 (98)	21.5 (62)*	19.4 (97)	78 (97)		2614.0 (99)	
長洲 Cheung Chau	100	17.7	27.7	23.7	21.3	22.5 (72)*	20.0	81	1012.9	1807.0	
京士柏 King's Park	090 (99)	9.5 (99)	27.1 (99)	24.0 (99)	21.9 (99)	20.9 (99)	18.8 (99)	74 (99)	1012.8 (99)	2101.1 (99)	
平洲 Ping Chau	080 (95)	3.5 (95)	27.9 (94)	23.6 (95)	20.8 (94)					1219.0 (95)	
吉澳 Kat O			27.3 (96)	23.8 (97)	21.4 (96)					1160.0 (96)	
大美督 Tai Mei Tuk	050	11.6	28.7	24.1	21.3					2123.5	
沙螺灣 Sha Lo Wan	080 (99)	9.0 (99)	28.5 (94)	24.6 (94)	22.0 (94)	21.0 (94)	18.5 (94)	70 (94)	1012.9	931.0 (96)	
西貢 Sai Kung	020	9.7	26.8	24.0	21.8	21.8 (67)*	19.7	78			
塔門 Tap Mun			26.2	22.9	20.2					1453.5	
鯉魚湖 Tsak Yue Wu			27.2	22.4	18.6	11.7 (16)*	19.0 (99)	83 (99)		2091.5	
石崗 Shek Kong	-	-	28.6	24.0	20.6		19.4	77	1012.5	1831.5	
彌勒山 Nei Lak Shan	080 (90)	25.5 (90)	21.9 (80)	18.4 (81)	16.1 (80)	16.7 (76)	15.3 (76)	86 (76)	1015.3 (81)		
啟德 Kai Tak	100	9.9								2066.5	
大埔 Tai Po			26.7	23.6	21.1	21.4 (65)*	19.1	77	1013.1		
昂坪 Ngong Ping	070 (95)	24.2 (95)	23.7 (93)	20.2 (93)	18.0 (93)						
自動氣象浮標1號 (香港國際機場西面) Automatic Weather Buoy No.1 (Hong Kong International Airport, West)	080	15.4	27.5	25.1	23.1		19.9	75	1013.2		
山頂 The Peak			24.6 (99)	21.4 (99)	19.4 (99)					2296.0 (88)	
坪洲 Peng Chau	100	13.5	27.4 (99)	24.3	22.1 (99)	22.8 (74)*	20.3	79	1012.8	1597.5	
上水 Sheung Shui			29.0	24.2	20.9	21.7 (87)*	19.0 (99)	75 (99)	1012.7	2217.5	
中環碼頭 Central Pier	100 (99)	12.9 (99)									
濕地公園 Wetland Park	160	4.5	28.6	24.0	20.9	15.4 (23)*	19.7	79	1012.9	1499.5	
荃灣可觀 Tsuen Wan Ho Koon			26.4	22.7	20.3	15.0 (17)*	19.6	84		1861.5	
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			27.6	24.1	21.6		19.0	75		1307.5 (99)	
香港公園 Hong Kong Park			27.0 (99)	24.0 (99)	22.0 (99)						
筲箕灣 Shau Kei Wan			26.7	23.8	21.7					2020.0 (96)	
九龍城 Kowloon City			28.0	24.2	21.6						
潛西洲 Kau Sai Chau			27.7 (99)	23.5 (99)	20.8 (99)	17.8 (34)*	18.9 (98)	77 (98)		1886.0 (99)	
跑馬地 Happy Valley			28.4	24.7	22.1					2395.0	
黃大仙 Wong Tai Sin			28.0	24.4	21.9						
赤柱 Stanley			26.8 (99)	24.1	22.1 (99)						
觀塘 Kwun Tong			27.0 (98)	23.9 (98)	21.6 (98)						
深水埗 Sham Shui Po			28.4	24.7	22.1					1915.0	
新青衣站 New Tsing Yi Station			27.9 (99)	24.4 (99)	21.9 (99)	13.6 (16)*	19.0 (99)	74 (99)			
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			25.4 (98)	21.6 (99)	19.2 (98)					2277.5 (99)	
荃灣城門谷 Tsuen Wan Shing Mun Valley			27.9	23.7	20.8	22.5 (76)*	19.5	78			
南丫島 Lamma Island	090	12.0								1963.0 (99)	
自動氣象浮標4號 (香港國際機場東面) Automatic Weather Buoy No.4 (Hong Kong International Airport, East)	110 (93)	14.2 (93)	27.0 (92)	24.7 (94)	22.7 (92)		19.2 (94)	73 (94)	1013.2 (94)		
雙魚河 Beas River			28.5 (99)	23.3 (99)	19.4 (99)		19.4 (99)	81 (99)		2088.0 (99)	
啟德跑道公園 Kai Tak Runway Park			27.0 (99)	24.4 (99)	22.3 (99)						
元朗公園 Yuen Long Park			29.1	24.3	20.9						
清水灣 Clear Water Bay			26.4	23.7 (99)	21.7						
大隴 Tai Lung			28.8 (99)	23.8	20.1 (99)						
屯門政府合署 Tuen Mun Government Offices	150	8.2									
九龍天星碼頭 Star Ferry, Kowloon	100	10.0									
青衣靚殼油庫 Shell Oil Depot	120	8.2									
大磨刀 Tai Mo To	120	13.9									
小蠔灣 Siu Ho Wan	180 (71)	10.1 (71)									
二東山 Yi Tung Shan	130 (86)	25.8 (86)									
沙洲 Sha Chau	110 (95)	16.6 (95)									
北角 North Point	090	12.4									
大澳 Tai O	130 (81)	18.1 (81)									
長洲泳灘 Cheung Chau Beach	070	15.7									
大埔滘 Tai Po Kau	100 (95)	8.7 (95)									
塔門東 Tap Mun East	120 (96)	13.8 (98)									

當計算數值的可用數據低於99.5%時，其百分率顯示於右旁的括號內。

The percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- 表示無數據

- means no data

* 該自動氣象站所提供之相對濕度數據於2021年內改由相對濕度探頭量度，因而停止濕球溫度測量。

* The relative humidity data from these automatic weather stations were measured by relative humidity probe within 2021. The measurement of wet-bulb temperature was ceased accordingly.

表 15

Table 15

二零二一年每月的蒸發量、可能蒸散量、最低草溫及土壤溫度

Monthly Values of Evaporation, Potential Evapotranspiration,
Grass Minimum Temperature and Soil Temperature in 2021

月份 Month	台站 Station	平均日 風移動量 Mean Daily Wind Movement	蒸發皿水溫 Pan-water Temperature					平均 日可能 蒸散量 Mean Daily Potential Evapotrans- piration	平均日 最低草溫 Mean Daily Grass Minimum Temperature	平均土壤溫度 Mean Soil Temperature												
			平均 最高 Mean Maximum	平均 Mean	平均 最低 Mean Minimum	平均 日蒸發量 Mean Daily Evaporation	0.05 米深 At depth of 0.05 m			0.1 米深 At depth of 0.1 m	0.2 米深 At depth of 0.2 m	0.5 米深 At depth of 0.5 m	1.0 米深 At depth of 1.0 m	1.5 米深 At depth of 1.5 m	3.0 米深 At depth of 3.0 m							
			°C	°C	°C	mm	mm			°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
一月 Jan	KP	73	21.2	17.5	13.7	2.8	2.2	12.7	15.2	18.1	17.7	20.4	18.6	19.3	20.5	20.4	22.0	22.0	23.3	23.3	25.8	25.8
	HKO							11.9	(17.0)	(19.2)	(17.9)	(19.6)	(18.2)	(19.2)	(20.5)	(20.4)	(22.4)	(22.3)	(23.6)	(23.6)	(26.4)	(26.4)
	KSC							(7.7)	(13.7)	(15.3)	15.0	17.6										
	TKL							8.4														
	TMS							5.8														
二月 Feb	KP	71	25.8	21.7	17.6	3.0	2.5	15.9	18.4	21.3	20.0	22.4	20.6	21.2	22.0	21.9	22.4	22.4	22.8	22.8	24.4	24.4
	HKO							14.7	20.1	22.9	21.0	23.0	21.1	22.4	22.5	22.4	23.1	23.2	23.5	23.5	25.4	25.4
	KSC							11.3	-	-	17.6	20.6										
	TKL							11.9														
	TMS							9.4														
三月 Mar	KP	74	27.7	24.3	21.0	2.8	2.8	19.7	20.9	22.9	21.9	24.0	22.1	22.8	22.9	22.9	23.0	23.0	23.2	23.2	24.3	24.3
	HKO							19.0	22.4	24.5	23.1	24.7	23.1	24.1	23.6	23.5	23.9	23.9	24.0	24.0	25.1	25.1
	KSC							(16.8)	(22.4)	(26.2)	(20.8)	23.4										
	TKL							17.0														
	TMS							12.9														
四月 Apr	KP	75	29.9	26.4	22.9	3.2	3.0	21.3	23.4	25.3	24.3	26.3	24.6	25.2	25.4	25.3	25.0	25.0	24.6	24.6	24.6	24.6
	HKO							21.0	24.6	26.9	25.4	27.1	25.5	26.6	25.7	25.6	25.6	25.6	25.2	25.2	25.3	25.3
	KSC							(19.6)	(22.7)	(25.9)	23.9	26.8										
	TKL							19.2														
	TMS							14.8														
五月 May	KP	65	36.4	32.0	27.5	4.5	4.4	25.8	27.6	29.9	28.0	30.5	28.1	29.0	28.5	28.5	27.2	27.3	26.2	26.3	25.3	25.3
	HKO							25.4	28.6	31.4	29.4	31.4	29.3	30.7	28.6	28.6	27.7	27.7	26.6	26.7	25.8	25.8
	KSC							(24.3)	27.5	31.7	28.3	32.3										
	TKL							21.4														
	TMS							19.3														
六月 Jun	KP	69	34.4	31.0	27.5	3.3	1.6	25.6	27.6	29.2	28.1	29.8	28.2	28.6	29.1	28.9	28.9	28.9	28.2	28.2	26.4	26.4
	HKO							25.7	28.9	30.8	29.7	31.1	29.7	30.6	29.7	29.6	29.5	29.5	28.6	28.6	26.9	26.9
	KSC							(25.6)	27.7	30.4	28.3	31.2										
	TKL							(25.5)														
	TMS							20.3														

() 表示數據不完整

- 表示無數據

() means incomplete data

- means no data

表 15 (續)

Table 15 (cont'd)

二零二一年每月的蒸發量、可能蒸散量、最低草溫及土壤溫度

Monthly Values of Evaporation, Potential Evapotranspiration, Grass Minimum Temperature and Soil Temperature in 2021

月份 Month	台站 Station	平均日 風移動量 Mean Daily Wind Movement	蒸發皿水溫 Pan-water Temperature				平均 日蒸發量 Mean Daily Evaporation	平均 日可能 蒸散量 Mean Daily Potential Evapotrans- piration	平均日 最低草溫 Mean Daily Grass Minimum Temperature	平均土壤溫度 Mean Soil Temperature												
			平均 最高 Mean Maximum	平均 Mean	平均 最低 Mean Minimum	0.05 米深 At depth of 0.05 m				0.1 米深 At depth of 0.1 m		0.2 米深 At depth of 0.2 m		0.5 米深 At depth of 0.5 m		1.0 米深 At depth of 1.0 m		1.5 米深 At depth of 1.5 m		3.0 米深 At depth of 3.0 m		
										07 時/hr	19 時/hr	07 時/hr	19 時/hr	07 時/hr	19 時/hr	07 時/hr	19 時/hr	07 時/hr	19 時/hr	07 時/hr	19 時/hr	
			°C	°C	°C	°C				°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	
七月 Jul	KP	66	37.9	33.6	29.3	4.2	2.5	26.2	28.0	30.1	28.6	30.7	28.7	29.3	29.4	29.4	29.1	29.2	28.7	28.7	27.6	27.6
	HKO							26.5	29.9	32.2	30.7	32.5	30.7	31.8	30.4	30.3	30.1	30.1	29.4	29.4	28.1	28.1
	KSC							(26.0)	28.1	31.2	28.9	32.3										
	TKL							(25.5)														
	TMS							20.6														
八月 Aug	KP	57	35.8	32.2	28.6	3.3	2.3	26.0	27.8	29.2	28.4	29.6	28.4	28.8	29.3	29.2	29.4	29.4	29.1	29.1	28.2	28.3
	HKO							26.1	29.5	31.3	30.4	31.7	30.4	31.2	30.3	30.3	30.4	30.4	29.9	29.9	28.8	28.8
	KSC							(25.7)	27.7	30.0	28.5	31.1										
	TKL							(25.5)														
	TMS							20.5														
九月 Sep	KP	64	36.4	32.3	28.3	4.5	2.6	26.7	28.5	30.2	29.2	30.8	29.3	30.1	30.0	29.9	29.9	29.9	29.5	29.5	28.6	28.6
	HKO							(26.6)	29.7	31.9	30.6	32.4	30.8	31.9	30.8	30.7	30.7	30.7	30.1	30.1	29.1	29.1
	KSC							(25.7)	28.0	30.4	28.8	31.7										
	TKL							25.8														
	TMS							20.2														
十月 Oct	KP	89	29.9	27.0	24.0	3.3	2.6	22.6	25.2	26.3	25.6	26.5	25.9	26.3	27.2	27.1	28.2	28.2	28.8	28.8	29.2	29.3
	HKO							23.3	26.2	27.9	27.2	28.5	27.4	28.2	28.3	28.2	29.2	29.1	29.3	29.3	29.4	29.4
	KSC							(21.9)	24.3	25.9	25.3	27.0										
	TKL							22.0														
	TMS							16.5														
十一月 Nov	KP	67	27.7	23.7	19.7	3.6	2.2	18.5	22.0	23.7	22.8	24.3	23.8	24.6	26.2	26.1	27.6	27.6	28.4	28.4	29.9	29.9
	HKO							(18.6)	(23.0)	24.6	(24.1)	25.3	(24.4)	25.2	(26.2)	26.1	(27.5)	27.4	(27.9)	27.9	(28.8)	28.8
	KSC							(16.4)	20.2	22.4	21.7	(23.9)										
	TKL							15.5														
	TMS							12.0														
十二月 Dec	KP	72	22.9	19.8	16.6	3.0	1.8	15.7	21.2	22.9	19.9	21.3	21.0	21.6	23.8	23.6	25.7	25.6	26.9	26.8	29.3	29.3
	HKO							14.7	19.2	20.7	20.2	21.4	20.5	21.3	22.9	22.8	24.8	24.8	25.8	25.7	27.8	27.8
	KSC							(12.8)	16.9	(19.2)	18.3	20.6										
	TKL							11.8														
	TMS							8.9														
全年 Year	KP	70	30.5	26.8	23.1	3.5	2.5	21.4	23.8	25.8	24.5	26.4	24.9	25.6	26.2	26.1	26.5	26.5	26.6	26.6	27.0	27.0
	HKO							(21.1)	(24.9)	(27.0)	(25.8)	(27.4)	(25.9)	(26.9)	(26.6)	(26.5)	(27.1)	(27.1)	(27.0)	(27.0)	(27.2)	(27.2)
	KSC							(19.5)	(23.6)	(26.2)	(23.8)	(26.5)										
	TKL							(19.1)														
	TMS							15.1														

() 表示數據不完整

() means incomplete data

表 16
Table 16

北角消防局、橫瀾島及香港國際機場東面及西面的自動氣象浮標於二零二一年每月的海面溫度
Monthly Sea Surface Temperature at North Point Fire Station, Waglan Island and
the Automatic Weather Buoys east and west at the Hong Kong International Airport in 2021

月份 Month	北角消防局 North Point Fire Station				橫瀾島 Waglan Island			香港國際機場東面的自動氣象浮標 Hong Kong International Airport Eastern Automatic Weather Buoy*			香港國際機場西面的自動氣象浮標 Hong Kong International Airport Western Automatic Weather Buoy*		
	7 時平均 Mean at 07 hour	14 時平均 Mean at 14 hour	最高 Maximum	最低 Minimum	最高 Maximum	平均 Mean	最低 Minimum	最高 Maximum	平均 Mean	最低 Minimum	最高 Maximum	平均 Mean	最低 Minimum
	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
一月 January	16.0	16.5	19.0	10.5	#	#	#	(18.1)	(16.3)	(14.2)	19.7	17.1	14.6
二月 February	19.1	19.7	22.0	18.0	#	#	#	(21.1)	(18.8)	(17.1)	22.3	19.8	18.3
三月 March	21.4	21.5	24.0	20.0	#	#	#	(23.8)	(21.0)	(19.4)	(24.6)	(21.9)	(20.5)
四月 April	23.9	24.1	25.5	23.0	#	#	#	(25.8)	(23.5)	(21.3)	-	-	-
五月 May	26.8	27.3	29.5	24.5	#	#	#	30.3	27.1	24.2	-	-	-
六月 June	27.1	27.2	29.5	25.0	#	#	#	(30.3)	(27.6)	(25.6)	-	-	-
七月 July	27.6	28.0	29.0	26.0	#	#	#	(30.7)	(28.4)	(26.1)	(31.8)	(29.4)	(27.0)
八月 August	26.5	26.9	29.5	25.5	#	#	#	(30.2)	(27.6)	(25.6)	-	-	-
九月 September	27.6	28.0	30.5	26.5	#	#	#	(30.5)	(28.2)	(26.0)	-	-	-
十月 October	27.1	27.1	30.0	25.0	#	#	#	(30.9)	(27.3)	(24.3)	-	-	-
十一月 November	24.3	24.4	26.0	22.0	#	#	#	(23.9)	(22.4)	(20.9)	-	-	-
十二月 December	20.7	21.1	23.0	18.5	#	#	#	22.0	19.4	15.7	-	-	-

() 表示數據不完整

- 表示無數據

* 香港國際機場東面及西面的海面溫度分別基於自動氣象浮標4號和1號的觀測數據。

由於橫瀾島觀測站於二零一八年受到超強颱風山竹破壞，未能提供海面溫度。

() means incomplete data

- means no data

* Sea surface temperatures to the east and west of Hong Kong International Airport refer to the data are measured by Automatic Weather Buoy No. 4 and No.1 respectively.

As the Waglan Island station was damaged by Super Typhoon Mangkhut in 2018, the measurement of sea surface temperature was temporarily suspended.

表 17

天文台於二零二一年錄得指定雨量、閃電及雷的日數

Table 17

**Number of Days with Specified Rainfall Amounts, Number of Days with Lightning and
Number of Days with Thunder Observed at the Hong Kong Observatory in 2021**

月份	Month	日雨量超過或等於下列數值的日數 Number of days with rainfall greater than or equal to									閃電日數 Number of Days with Lightning	雷日數 Number of Days with Thunder
		微量 Trace	0.1 mm	1.0 mm	2.5 mm	5.0 mm	10.0 mm	25.0 mm	50.0 mm	100.0 mm		
一月	January	1	-	-	-	-	-	-	-	-	-	-
二月	February	7	4	4	3	3	3	1	-	-	-	-
三月	March	14	6	2	-	-	-	-	-	-	-	-
四月	April	15	11	6	5	3	-	-	-	-	-	-
五月	May	19	12	11	8	4	2	-	-	-	2	2
六月	June	27	23	20	18	15	10	9	4	1	9	8
七月	July	22	16	14	11	11	8	5	2	1	17	14
八月	August	26	22	22	18	15	13	6	-	-	17	12
九月	September	16	13	8	7	7	4	2	-	-	7	5
十月	October	20	14	10	7	6	6	5	3	2	2	-
十一月	November	9	3	2	1	-	-	-	-	-	-	-
十二月	December	13	8	5	2	1	-	-	-	-	-	-
全年	Year	189	132	104	80	65	46	28	9	4	54	41

- 表示沒有這種情況
微量表示雨量少於0.05毫米

- means no such occurrence
Trace means rainfall less than 0.05 mm

表 18(a)
Table 18(a)

二零二一年每日錄得香港境內之雲對地閃電次數
Daily Number of Cloud-to-Ground Lightning Strokes Detected
over the Hong Kong Territory in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	0	0	0	0	0	1626	0	849	51	169	0	0
02	0	0	0	0	1	0	0	17	0	0	0	0
03	0	0	0	0	0	0	0	2	0	248	0	0
04	0	0	0	0	429	61	0	1418	6	0	0	0
05	0	0	0	0	0	0	38	68	16	0	0	0
06	0	0	1	0	0	0	106	931	33	0	0	0
07	0	0	0	0	0	0	23	134	0	16	0	0
08	0	0	0	0	0	0	0	55	0	16	0	0
09	0	0	0	0	0	26	0	189	6	0	0	0
10	0	0	0	0	0	0	0	20	0	1	0	0
11	0	0	0	0	0	37	0	5	0	0	0	0
12	0	0	0	0	0	4	0	8	20	0	0	0
13	0	0	0	0	0	0	0	4	8	15	0	0
14	0	0	0	0	9	0	27	4	182	0	0	0
15	0	0	0	0	0	29	0	26	0	0	0	0
16	0	0	0	0	0	0	70	21	3277	0	0	0
17	0	0	0	0	0	0	2	0	478	0	0	0
18	0	0	0	0	1	0	84	536	0	0	0	0
19	0	0	0	0	0	0	490	897	243	0	0	0
20	0	0	0	0	0	0	118	0	91	0	0	0
21	0	0	0	0	0	40	67	0	1752	0	0	0
22	0	0	0	0	0	442	0	0	68	0	0	0
23	0	0	0	0	0	55	5	0	1117	0	0	0
24	0	0	0	0	204	2	1106	1	97	0	0	0
25	0	0	0	0	680	0	3928	22	1	0	0	0
26	0	0	0	0	15	113	0	0	0	0	0	0
27	0	0	0	0	0	223	749	1225	0	0	0	0
28	0	0	0	0	0	6254	1656	88	0	0	0	0
29	0	0	0	0	0	166	1002	268	1	0	0	0
30	0	0	0	0	0	0	395	11	5	0	0	0
31	0	0	0	0	415	0	3531	8	0	0	0	0
月總閃電次數 Total	0	0	1	0	1754	9078	13397	6807	7452	465	0	0

表 18(b)
Table 18(b)

二零二一年每日錄得香港境內之雲間閃電次數
Daily Number of Cloud-to-Cloud Lightning Strokes Detected
over the Hong Kong Territory in 2021

日 DAY	一月 JAN	二月 FEB	三月 MAR	四月 APR	五月 MAY	六月 JUN	七月 JUL	八月 AUG	九月 SEP	十月 OCT	十一月 NOV	十二月 DEC
01	0	0	0	0	0	5206	0	2959	258	504	0	0
02	0	0	0	0	18	5	0	73	0	0	0	0
03	0	0	0	0	0	0	0	55	0	759	0	0
04	0	0	0	0	2986	373	0	3867	59	0	0	0
05	0	0	0	0	0	0	123	504	34	0	0	0
06	0	0	3	0	0	0	206	2266	82	0	0	0
07	0	0	0	0	0	0	100	416	0	64	0	0
08	0	0	0	0	0	0	0	244	0	198	0	0
09	0	0	0	0	0	89	0	586	24	0	0	0
10	0	0	0	0	0	0	0	85	0	12	0	0
11	0	0	0	0	0	283	0	55	0	0	0	0
12	0	0	0	0	0	12	0	24	89	0	0	0
13	0	0	0	0	5	0	0	94	16	140	0	0
14	0	0	0	0	133	1	66	105	1295	0	0	0
15	0	0	0	0	0	212	0	90	7	0	0	0
16	0	0	0	0	0	0	458	148	6998	0	0	0
17	0	0	0	0	0	0	5	0	811	0	0	0
18	0	0	0	0	20	0	364	1680	1	0	0	0
19	0	0	0	0	0	0	1252	1645	585	0	0	0
20	0	0	0	0	0	0	813	0	596	0	0	0
21	0	0	0	0	0	211	107	0	3101	0	0	0
22	0	0	0	0	0	2534	0	0	213	0	0	0
23	0	0	0	0	0	401	16	0	3313	0	0	0
24	0	0	0	0	761	36	2536	15	376	0	0	0
25	0	0	0	0	3115	0	10081	97	8	0	0	0
26	0	0	0	0	133	261	2	0	0	0	0	0
27	0	0	0	0	0	560	3099	4391	0	0	0	0
28	0	0	0	0	0	25605	4716	322	0	0	0	0
29	0	0	0	0	0	689	2311	422	4	0	0	0
30	0	0	0	0	0	0	1089	63	25	0	0	0
31	0	0	0	0	2052	0	5789	23	0	0	0	0
月總閃電次數 Total	0	0	3	0	9223	36478	33133	20229	17895	1677	0	0

表 19(a)

天文台於二零二一年每月錄得能見度低於指定數值的頻率百分比及出現低能見度的時間百分比

Table 19(a)

Monthly Percentage Frequency of Visibility below Specified Values and the Percentage of Time with Reduced Visibility Observed at the Hong Kong Observatory in 2021

月份	Month	能見度低於下列數值的頻率百分比 (所有天氣情況)											低能見度時間百分比 (能見度低於 8 公里，不包括出現霧、薄霧或降水)	可用數據百分率	
		Percentage Frequency of Visibility below Specified Values (All Weather Conditions)													
		0.1 公里 km	0.2 公里 km	0.5 公里 km	1.0 公里 km	1.5 公里 km	3.0 公里 km	5.0 公里 km	8.0 公里 km	10.0 公里 km	15.0 公里 km	20.0 公里 km	25.0 公里 km	Percentage of Time of Reduced Visibility (visibility below 8 kilometres, when there is no fog, mist, or precipitation)	Percentage of Data Availability
一月	January	-	-	-	-	-	-	-	8.6	15.6	46.5	66.3	82.5	8.6	100.0
二月	February	-	-	-	-	-	-	0.1	1.9	8.2	49.7	76.5	88.8	0.3	100.0
三月	March	-	-	-	-	-	0.4	4.8	11.2	20.2	66.5	88.8	96.8	3.8	100.0
四月	April	-	-	-	-	-	0.6	1.7	14.2	19.7	53.6	82.9	94.0	6.5	100.0
五月	May	-	-	-	-	-	-	-	2.8	5.0	15.9	29.0	47.7	0.8	100.0
六月	June	-	-	-	0.1	0.4	1.9	3.2	8.3	11.1	28.9	61.8	80.6	0.7	100.0
七月	July	-	-	-	0.7	0.9	2.7	3.9	8.6	9.7	24.3	52.2	62.8	1.3	100.0
八月	August	-	-	-	-	-	0.9	3.2	10.3	12.9	26.9	45.6	64.8	3.0	100.0
九月	September	-	-	-	-	-	0.1	0.6	5.1	8.9	27.2	44.4	59.9	3.6	100.0
十月	October	-	-	0.1	0.3	0.7	2.0	4.2	11.0	15.9	30.6	62.1	81.5	1.9	100.0
十一月	November	-	-	-	-	-	-	0.1	0.3	2.4	24.2	52.5	64.2	0.1	100.0
十二月	December	-	-	-	-	-	-	0.5	5.1	14.7	35.9	63.6	73.5	4.4	100.0
全年	Year	-	-	0.0	0.1	0.2	0.7	1.9	7.3	12.1	35.8	60.3	74.6	2.9	100.0

- 表示沒有這種情況

天文台的能見度由專業氣象觀測員每小時評估一次。

- means no such occurrence

Estimates of visibility were made hourly at the Hong Kong Observatory by professional meteorological observers.

表 19(b)

香港國際機場於二零二一年每月錄得能見度低於指定數值的頻率百分比及出現低能見度的時間百分比

Table 19(b)

Monthly Percentage Frequency of Visibility below Specified Values and the Percentage of Time with Reduced Visibility Observed at the Hong Kong International Airport in 2021

月份	Month	能見度低於下列數值的頻率百分比 (所有天氣情況)												低能見度時間百分比 (能見度低於 8 公里，不包括出現霧、薄霧或降水)	可用數據百分率
		Percentage Frequency of Visibility below Specified Values (All Weather Conditions)													
		0.1 公里 km	0.2 公里 km	0.5 公里 km	1.0 公里 km	1.5 公里 km	3.0 公里 km	5.0 公里 km	8.0 公里 km	10.0 公里 km	15.0 公里 km	20.0 公里 km	25.0 公里 km	Percentage of Time of Reduced Visibility (visibility below 8 kilometres, when there is no fog, mist, or precipitation)	Percentage of Data Availability
一月	January	-	-	-	-	-	-	2.3	11.4	21.6	46.2	64.4	75.0	10.5	100.0
二月	February	-	-	-	-	-	0.1	1.0	3.9	6.8	25.0	53.6	71.0	0.9	100.0
三月	March	-	-	-	-	-	-	0.9	6.2	11.6	36.7	62.0	77.7	3.4	100.0
四月	April	-	-	-	-	-	0.1	0.3	2.9	9.0	30.4	53.2	72.6	0.3	100.0
五月	May	-	-	-	-	-	0.1	0.3	1.1	2.0	6.6	11.6	17.1	0.5	100.0
六月	June	-	-	0.1	0.1	0.3	0.4	1.1	2.6	3.8	8.9	16.9	36.4	0.1	100.0
七月	July	-	-	-	0.3	0.5	0.9	1.6	2.0	3.1	7.7	14.5	22.8	-	100.0
八月	August	-	-	-	-	0.1	0.1	0.5	1.3	3.2	9.1	15.7	24.1	0.3	100.0
九月	September	-	-	-	-	-	0.1	0.3	0.8	1.5	11.9	24.7	34.2	0.3	100.0
十月	October	-	-	-	-	0.3	0.9	2.8	6.3	8.3	22.7	43.0	60.9	0.1	100.0
十一月	November	-	-	-	-	-	-	0.1	0.1	0.7	19.3	41.9	57.9	-	100.0
十二月	December	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0
全年	Year	-	-	0.0	0.0	0.1	0.3	0.9	3.2	6.0	18.7	33.3	45.5	1.4	100.0

- 表示沒有這種情況

- means no such occurrence

能見度數據為機場南跑道中間能見度儀表
在每小時前10分鐘的平均數據。

The visibility data refer to the average visibility readings over the 10 minutes before the hour,
as recorded by the visibility meter near the middle of the south runway.

表 20(a) 中環碼頭於二零二一年每月錄得能見度低於指定數值的頻率百分比
Table 20(a) Monthly Percentage Frequency of Visibility below Specified Values Observed at Central Pier in 2021

		能見度低於下列數值的頻率百分比 (所有天氣情況) Percentage Frequency of Visibility below Specified Values (All Weather Conditions)												可用數據百分率 Percentage of Data Availability
月份 Month		0.1 公里 km	0.2 公里 km	0.5 公里 km	1.0 公里 km	1.5 公里 km	3.0 公里 km	5.0 公里 km	8.0 公里 km	10.0 公里 km	15.0 公里 km	20.0 公里 km	25.0 公里 km	
一月	January	-	-	-	-	-	-	0.3	5.8	15.6	41.3	58.6	72.4	89.9
二月	February	-	-	-	-	-	0.1	0.4	4.0	12.5	49.7	76.6	86.6	97.2
三月	March	-	-	-	-	-	-	2.7	10.5	19.0	59.7	81.6	89.8	98.1
四月	April	-	-	-	-	-	0.3	2.1	7.9	20.7	55.8	83.8	90.4	98.5
五月	May	-	-	-	-	-	-	0.7	3.2	6.3	15.7	23.4	36.7	98.3
六月	June	-	-	-	-	0.1	1.5	3.3	5.6	8.1	20.1	47.5	70.0	92.8
七月	July	-	-	-	-	0.1	1.1	1.7	3.4	5.4	16.3	31.2	48.5	95.4
八月	August	-	-	-	-	0.1	0.5	1.2	3.0	5.6	19.5	36.8	55.5	96.5
九月	September	-	-	-	-	-	-	0.3	0.7	3.1	17.2	39.3	56.0	98.8
十月	October	-	-	-	-	0.8	2.6	4.8	6.9	9.5	27.3	58.3	74.2	98.9
十一月	November	-	-	-	-	-	-	-	0.4	0.7	22.5	50.1	66.7	98.3
十二月	December	-	-	-	-	-	-	0.5	4.6	13.8	38.4	61.3	75.1	98.8
全年	Year	-	-	-	-	0.1	0.5	1.5	4.7	10.0	31.8	53.8	68.3	96.8

- 表示沒有這種情況

能見度數據為中環碼頭能見度儀表在每小時前10分鐘的平均數據。

- means no such occurrence

The visibility data refer to the average visibility readings over the 10 minutes before the hour, as recorded by the visibility meter at the Central Pier.

表 20(b)

橫瀾島於二零二一年每月錄得能見度低於指定數值的頻率百分比

Table 20(b)

Monthly Percentage Frequency of Visibility below Specified Values

Observed at Waglan Island in 2021

		能見度低於下列數值的頻率百分比 (所有天氣情況)												可用數據百分率
		Percentage Frequency of Visibility below Specified Values (All Weather Conditions)												Percentage of Data Availability
月份	Month	0.1 公里 km	0.2 公里 km	0.5 公里 km	1.0 公里 km	1.5 公里 km	3.0 公里 km	5.0 公里 km	8.0 公里 km	10.0 公里 km	15.0 公里 km	20.0 公里 km	25.0 公里 km	Percentage of Data Availability
一月	January	-	-	-	-	0.1	0.1	0.1	3.9	9.0	31.7	43.3	48.9	55.4
二月	February	-	-	-	0.1	0.4	0.4	1.2	5.1	12.4	46.7	70.8	82.6	98.8
三月	March	-	0.3	1.1	1.7	1.9	4.3	5.0	9.8	15.1	50.1	76.5	86.7	99.1
四月	April	-	0.6	0.7	0.8	0.8	1.0	1.8	5.8	13.1	41.5	71.5	81.8	97.9
五月	May	-	-	-	-	-	0.1	0.5	2.2	5.1	12.1	23.4	35.1	97.6
六月	June	-	-	-	0.1	0.3	0.8	1.2	2.9	4.7	20.1	40.0	59.4	97.2
七月	July	-	-	-	-	0.1	0.7	1.5	2.8	4.2	10.3	21.2	34.4	92.2
八月	August	-	-	-	-	0.3	0.9	1.7	4.4	6.3	16.5	27.7	34.4	90.2
九月	September	-	-	-	-	-	-	-	0.1	0.8	5.4	14.4	31.0	97.4
十月	October	-	-	-	0.1	0.5	1.1	2.8	5.0	7.8	14.1	23.4	31.9	41.3
十一月	November	-	-	-	-	-	-	-	-	0.4	6.9	23.2	32.8	42.9
十二月	December	-	-	-	-	-	-	0.1	0.9	4.6	18.4	28.2	32.9	41.9
全年	Year	-	0.1	0.1	0.3	0.4	0.8	1.3	3.6	6.9	22.7	38.4	49.0	79.1

- 表示沒有這種情況

- means no such occurrence

能見度數據為橫瀾島能見度儀表
在每小時前10分鐘的平均數據。

The visibility data refer to the average visibility readings over the 10 minutes before the hour, as
recorded by the visibility meter at Waglan Island.

表 20(c) 西灣河於二零二一年每月錄得能見度低於指定數值的頻率百分比
 Table 20(c) Monthly Percentage Frequency of Visibility below Specified Values Observed at Sai Wan Ho in 2021

		能見度低於下列數值的頻率百分比 (所有天氣情況) Percentage Frequency of Visibility below Specified Values (All Weather Conditions)												可用數據百分率 Percentage of Data Availability
月份 Month	Month	0.1 公里 km	0.2 公里 km	0.5 公里 km	1.0 公里 km	1.5 公里 km	3.0 公里 km	5.0 公里 km	8.0 公里 km	10.0 公里 km	15.0 公里 km	20.0 公里 km	25.0 公里 km	Percentage of Data Availability
一月	January	-	-	-	-	-	-	-	1.7	4.7	22.8	39.4	51.7	98.8
二月	February	-	-	-	-	-	0.1	0.1	1.2	3.4	24.7	51.2	70.1	96.4
三月	March	-	-	-	-	-	0.1	2.8	5.8	10.8	34.3	59.4	72.4	93.4
四月	April	-	-	-	-	-	0.1	2.1	4.9	7.6	28.6	49.4	69.7	93.9
五月	May	-	-	-	-	0.1	0.3	0.5	0.9	2.3	6.2	10.6	13.7	97.2
六月	June	-	-	-	0.1	0.3	1.4	2.4	2.9	4.4	8.6	15.3	32.4	97.5
七月	July	-	-	-	-	0.3	0.8	1.3	2.8	3.2	5.8	9.1	20.0	95.4
八月	August	-	-	-	-	0.1	0.5	1.2	2.4	3.1	7.7	14.8	25.8	98.1
九月	September	-	-	-	0.1	0.1	0.3	0.3	0.4	0.6	4.7	13.6	24.6	99.2
十月	October	-	-	-	-	-	0.5	1.9	4.0	6.5	12.9	27.6	41.9	98.0
十一月	November	-	-	-	-	-	-	-	-	0.1	2.9	18.8	37.8	98.3
十二月	December	-	-	-	-	-	-	-	0.4	2.6	22.8	37.6	52.6	99.3
全年	Year	-	-	-	0.0	0.1	0.4	1.1	2.3	4.1	15.1	28.8	42.5	97.1

- 表示沒有這種情況

能見度數據為西灣河能見度儀表在每小時前10分鐘的平均數據。

- means no such occurrence

The visibility data refer to the average visibility readings over the 10 minutes before the hour, as recorded by the visibility meter at Sai Wan Ho.

表 21
Table 21

有觀測員的雨量站於二零二一年的月及年雨量(毫米)
Monthly and Annual Rainfall (mm) Recorded at Manned Stations in 2021

位置 Location	台站編號 Station No.	海拔高度(米) Height above Mean Sea Level (m)	一月 January	二月 February	三月 March	四月 April	五月 May	六月 June	七月 July	八月 August	九月 September	十月 October	十一月 November	十二月 December	全年 Year
凹頭魚場 AU TAU POND FISH FARM	65	5	0.0	65.8+	18+	17.3+	85.3	275.5	273.6	323.4	53.8	498.2+	7.1	27.6	1645.6
赤鱸角 CHEK LAP KOK	184	10	0.0	79.6	5.8	24.3	85.4	394.9	425.5	155.5	79.6	607.5	2.6	38.0	1898.7
* 涌尾 CHUNG MEI	104	20	0.0	32.0	9.9	23.1	76.3	294.8	409.8	377.1	111.9	633.8+	19.9	17.3	2005.9
深水灣高爾夫球場 DEEP WATER BAY GOLF COURSE	84	5	0.0	55.6+	5.9+	20.2+	68.9+	621.6+	481.1+	304.0+	94.0	604.7+	0.0	17.6+	2273.6
愉景灣濾水廠 DISCOVERY BAY WATER TREATMENT WORKS	158	75	0.0	59.6+	7.0	34.0	97.2	429.3+	333.7	300.5	50.5	519.3	2.9	28.1	1862.1
# 跑馬地馬場 HAPPY VALLEY RACE COURSE	24	35	0.0	64.3	4.3	31.8	60.2	618.6	436.0	338.1	101.6	763.1	3.3	16.2	2437.5
* 鶴藪 HOK TAU	103	115	0.0	27.1	14.0	22.9	104.9	381.6	416.3	472.1	144.3	577.9	6.6	31.3	2199.0
天文台 HONG KONG OBSERVATORY	1	30	Trace	62.1	3.5	32.5	61.0	631.6	379.3	347.1	133.6	631.1	5.8	19.5	2307.1
沙田馬場 SHA TIN RACE COURSE	157	10	0.0	51.0	13.6	31.8	75.8	373.8	460.3	429.7	92.3	657.8	2.9	25.6	2214.6
* 深屈 SHAM WAT	185	111	0.0	63.1	6.2	27.8	78.3	515.9	341.3	208.1	102.0	626.8	4.0	34.3	2007.8
石梨貝配水庫 SHEK LEI PUI SERVICE RESERVOIR	16	125	0.0	49.0	9.0	18+	48.7	464.6	399.5	280.6+	88.5	554.2	0.5	21.5	1934.1
# 石壁水塘 SHEK PIK RESERVOIR	68	5	0.0	71.3	2.7	22.9	61.9	465.3+	370.2+	151.5+	68.3	515.8	0.1	23.5	1753.5
# 大欖涌水塘 TAI LAM CHUNG RESERVOIR	20	45	0.0	65.0	5.0	30.0	150.0	330.0	332.8+	265.0	47.0	550.0	3.0	36.0	1813.8
* 鯽魚湖上站 TSAK YUE WU UPPER	180	80	0.0	45.4	0.1	38.7	55.7	386.4	519.0	263.7	145.6	620.3	1.0	34.8	2110.7
黃肇枝中學 WONG SHIU CHI MIDDLE SCHOOL	81	25	0.0	47.2	2.2	23.7+	85.0	468.6+	498.3+	479.9+	66.6	618.3+	2.4	36.6+	2328.8

月總雨量計算期 由上月最後一日下午三時至該月最後一日下午三時，
有 # 符號則表示由上月最後一日上午九時至該月最後一日上午九時計算。
+ 表示有數據在核查時被調整。

* 月雨量器

Trace 表示少於 0.05 毫米的微量記錄

Monthly rainfall totals are reckoned from 15 hours on the last day of the previous month except those
marked with # which are reckoned from 09 hours on the last day of the previous month.

+ means that part of the data has been adjusted through quality control procedures.

* Monthly gauge

Trace means rainfall less than 0.05mm

表 22 天文台只量度雨量的自動氣象站於二零二一年錄得的月及年雨量(毫米)

Table 22 Monthly and Annual Rainfall (mm) Recorded at Automatic Weather Stations with Rainfall Measurement only in 2021

位置 Location	台站編號 Station No.	一月 January	二月 February	三月 March	四月 April	五月 May	六月 June	七月 July	八月 August	九月 September	十月 October	十一月 November	十二月 December	年值 Year
昂坪 NGONG PING	R11	0.0 (99)	81.5 (99)	5.5 (99)	33.5 (99)	78.0 (99)	199.5 (69)	340.5 (62)	212.0 (99)	109.0 (99)	680.5 (99)	7.5 (92)	41.0 (79)	1788.5 (91)
愉景灣 DISCOVERY BAY	R12	0.0 (99)	69.5 (99)	6.5 (99)	36.0 (99)	120.5 (99)	521.5 (99)	410.0 (99)	373.0 (99)	53.0 (99)	628.5 (99)	4.5 (99)	30.5 (99)	2253.5 (99)
鶴咀 CAPE D'AGUILAR	R14	0.0 (99)	74.5 (84)	13.5 (96)	24.0 (83)	97.0 (99)	526.5 (99)	378.5 (99)	324.5 (99)	34.5 (99)	571.0 (99)	0.0 (99)	19.5 (99)	2063.5 (97)
西貢 SAI KUNG	R18	0.0 (99)	61.0 (99)	9.0 (99)	53.5 (99)	68.0 (99)	630.0 (99)	650.5 (99)	309.0 (99)	237.0 (99)	457.0 (99)	0.5 (99)	22.0 (99)	2497.5 (99)
鰂魚涌 QUARRY BAY	QU1	0.0 (97)	71.5 (97)	5.0 (97)	41.5 (97)	96.5 (97)	593.0 (98)	431.5 (98)	356.5 (96)	63.5 (93)	585.0 (93)	2.5 (94)	18.0 (94)	2264.5 (98)
躑石角 TAP SHEK KOK	R21	0.0 (97)	61.0 (99)	9.5 (99)	0.0 (95)	53.5 (94)	332.0 (99)	231.5 (99)	178.5 (99)	57.0 (97)	0.0 (68)	4.0 (99)	40.0 (99)	967.0 (96)
尖鼻咀 TSIM BEI TSUI	R22	0.0 (99)	53.0 (99)	10.0 (99)	30.5 (99)	171.5 (99)	351.0 (99)	278.5 (99)	317.5 (99)	86.0 (96)	71.5 (56)	2.5 (99)	34.0 (99)	1406.0 (95)
大埔 TAI PO	R23	0.0 (99)	45.5 (99)	4.0 (99)	11.5 (93)	48.5 (99)	429.5 (99)	467.5 (99)	454.5 (99)	71.5 (92)	583.0 (92)	4.5 (93)	35.0 (93)	2155.0 (98)
沙頭角 SHA TAU KOK	R24	0.0 (85)	42.5 (99)	36.0 (99)	30.0 (99)	179.0 (99)	372.0 (99)	331.5 (99)	470.5 (99)	130.5 (99)	585.0 (99)	6.5 (99)	31.5 (99)	2215.0 (98)
屯門食水主配水庫 TUEN MUN FRESH WATER PRIMARY RESERVOIR	TMR	0.0 (99)	61.0 (99)	7.2 (99)	32.2 (99)	56.6 (99)	313.9 (99)	261.0 (99)	242.5 (99)	118.7 (99)	530.4 (99)	11.7 (99)	43.9 (99)	1679.1 (98)
凹頭 AU TAU	R28	0.0 (99)	65.0 (99)	16.0 (99)	18.5 (99)	87.0 (99)	279.0 (99)	275.0 (99)	322.0 (99)	55.0 (99)	482.0 (99)	8.0 (99)	31.0 (99)	1638.5 (99)
落馬洲 LOK MA CHAU	R29	0.0 (99)	44.0 (99)	18.5 (99)	30.0 (99)	137.5 (99)	186.5 (88)	361.0 (99)	433.0 (99)	139.5 (99)	436.5 (99)	4.0 (99)	28.0 (99)	1818.5 (98)
大美督 TAI MEI TUK	R31	0.0 (99)	31.0 (90)	16.0 (98)	22.5 (99)	75.5 (99)	370.5 (99)	323.5 (99)	487.0 (90)	151.5 (99)	519.0 (99)	4.5 (86)	25.5 (98)	2026.5 (97)
破邊洲 PO PIN CHAU	PPC	0.0 (99)	54.3 (99)	9.4 (99)	15.0 (99)	71.7 (97)	439.7 (97)	398.2 (97)	209.8 (97)	114.4 (99)	352.0 (99)	0.5 (99)	23.2 (99)	1688.2 (99)
大灘訓練營 TAI TAN CAMP	TTC	0.0 (95)	46.0 (99)	14.0 (95)	30.0 (98)	87.5 (99)	317.0 (98)	486.0 (95)	286.0 (99)	95.0 (99)	550.0 (99)	2.0 (99)	33.5 (99)	1947.0 (98)
青衣青柏樓 CHING PAK HOUSE	CPH	0.0 (99)	48.5 (99)	5.5 (99)	16.5 (99)	68.0 (99)	429.0 (99)	316.5 (99)	271.0 (99)	71.5 (99)	393.0 (99)	2.5 (99)	18.0 (99)	1640.0 (99)

括弧內之數字為計算數據少於99.5%時之百分率。

The percentage of data available for computation, when less than 99.5, is given in brackets.

表 23(b) 香港氣象要素月平均值 (1971-2000) 及極端值 (1884-1939, 1947-2021)

Table 23(b) Monthly Normals of Meteorological Elements for the 30 Years 1971-2000 and Extreme Values between 1884-1939 and 1947-2021 for Hong Kong

月份 MONTH	氣 壓 ATMOSPHERIC PRESSURE				氣 溫 AIR TEMPERATURE					WET-BULB TEMPERATURE 濕球溫度	DEW POINT TEMPERATURE 露點溫度	VAPOUR PRESSURE 水汽壓	相 對 濕 度 RELATIVE HUMIDITY					AMOUNT OF CLOUD 雲量	雨 量 RAINFALL							日 照 BRIGHT SUNSHINE		風 WIND						
	Absolute Maximum 絕對最高	Mean 平均	Absolute Minimum 絕對最低	Mean Diurnal Range 平均日較差	Absolute Maximum 絕對最高	Mean Daily Maximum 平均日最高	Mean 平均	Mean Daily Minimum 平均日最低	Absolute Minimum 絕對最低				Mean at 0200 hours 上午二時平均	Mean at 1400 hours 下午二時平均	Absolute Minimum † 絕對最低	%	%		%	%	%	Total 總雨量	Duration 降雨時間	降 雨 日 數 Number of Days with			Maximum Hourly 最高時雨量	Maximum Daily 最高日雨量	Maximum Monthly 最高月雨量	Duration 日照時間	Percentage of Possible 可能日照百分率	Prevailing Direction 盛行風向	Mean Speed 平均風速	Maximum Gust * 最高陣風
																								0.1 mm or more 0.1 毫米或以上	25.0 mm or more 25.0 毫米或以上	50.0 mm or more 50.0 毫米或以上								
JAN 一月	1037.7	1020.1	1003.1	4.1	26.9	18.6	16.1	14.1	0.0	13.5	11.0	13.7	73	78	65	10	60	24.9	43	5.60	0.20	0.00	37.0	99.8	266.9	141.7	42	070	25.4	103				
FEB 二月	1032.7	1018.6	998.3	4.2	28.3	18.6	16.3	14.4	2.4	14.1	12.2	14.8	78	82	71	13	73	52.3	76	9.47	0.53	0.07	31.9	94.1	241.0	93.8	29	070	25.1	110				
MAR 三月	1033.9	1016.1	1001.9	4.2	30.1	21.5	18.9	16.9	4.8	17.0	15.5	18.2	82	86	75	16	79	71.4	91	10.47	0.67	0.30	56.0	130.0	428.0	89.6	24	070	23.5	103				
APR 四月	1028.4	1012.8	999.9	3.9	33.4	25.1	22.5	20.6	9.9	20.5	19.4	22.9	83	88	76	22	80	188.5	87	11.67	2.57	1.23	92.4	237.4	547.7	101.8	27	070	21.2	135				
MAY 五月	1020.2	1009.4	981.1	3.4	36.1	28.4	25.8	23.9	15.4	23.7	22.7	27.8	84	88	77	23	77	329.5	101	15.47	3.77	2.00	109.9	520.6	1241.1	138.6	34	080	20.2	140				
JUN 六月	1014.7	1006.2	973.8	3.2	35.6	30.4	27.9	26.1	19.2	25.6	24.6	30.9	82	86	76	29	76	388.1	95	18.77	4.17	2.13	145.5	411.3	1346.1	158.3	39	230	23.3	194				
JUL 七月	1014.8	1005.5	975.8	3.4	35.7	31.3	28.7	26.7	21.7	26.1	25.0	31.7	81	85	74	43	68	374.4	80	17.77	4.67	2.40	115.1	534.1	1147.2	214.9	52	230	21.9	158				
AUG 八月	1016.3	1005.1	961.6	3.5	36.6	31.1	28.4	26.4	21.6	25.9	24.9	31.5	82	86	75	41	69	444.6	87	17.43	5.40	2.40	82.1	334.2	1090.1	189.7	48	240	20.0	209				
SEP 九月	1019.0	1009.2	953.2	3.5	35.2	30.2	27.6	25.6	18.4	24.7	23.4	28.9	79	83	72	26	65	287.5	68	14.80	3.47	1.60	84.0	325.5	844.2	171.8	47	090	22.8	234				
OCT 十月	1024.5	1014.0	977.3	3.6	34.3	27.7	25.3	23.4	13.5	21.9	19.9	23.8	74	78	66	21	57	151.9	50	8.10	1.57	1.00	78.7	329.7	718.4	191.1	53	080	28.7	184				
NOV 十一月	1033.2	1018.0	974.9	3.8	31.8	24.0	21.4	19.4	6.5	17.9	15.3	18.1	70	75	61	17	53	35.1	36	5.67	0.37	0.10	46.6	149.2	224.2	178.2	54	080	27.9	175				
DEC 十二月	1033.5	1020.5	1004.6	4.0	28.7	20.3	17.8	15.7	4.3	14.5	11.6	14.4	69	74	60	14	51	34.5	36	4.27	0.30	0.13	51.7	177.3	206.9	173.3	52	070	26.5	108				
YEAR 全年	1037.7	1013.0	953.2	3.7	36.6	25.6	23.1	21.1	0.0	20.5	18.8	23.1	78	82	71	10	67	2382.7	850	139.49	27.69	13.36	145.5	534.1	1346.1	1842.9	41	070	23.9	234				
極端值 出現日期 Date on which the extreme value was recorded	24/1/2016		1/9/1962		22/8/2017					18/1/1893						16/1/1959							7/6/2008	19/7/1926	6/2008					9/9/1991				
觀測地點 Observed at	天文台 Hong Kong Observatory																				京士柏 King's Park		橫瀾島 Waglan Island											

* 1953 - 2021

† 基於每小時人手觀測數據

‡ Based on hourly manual observations

表 23(c) 香港氣象要素月平均值 (1981-2010) 及極端值 (1884-1939, 1947-2021)

Table 23(c) Monthly Normals of Meteorological Elements for the 30 Years 1981-2010 and Extreme Values between 1884-1939 and 1947-2021 for Hong Kong

月份 MONTH	氣 壓 ATMOSPHERIC PRESSURE				氣 溫 AIR TEMPERATURE					WET-BULB TEMPERATURE 濕球溫度	DEW POINT TEMPERATURE 露點溫度	VAPOUR PRESSURE 水汽壓	相 對 濕 度 RELATIVE HUMIDITY					AMOUNT OF CLOUD 雲量	雨 量 RAINFALL							日 照 BRIGHT SUNSHINE		風 WIND						
	Absolute Maximum 絕對最高	Mean 平均	Absolute Minimum 絕對最低	Mean Diurnal Range 平均日較差	Absolute Maximum 絕對最高	Mean Daily Maximum 平均日最高	Mean 平均	Mean Daily Minimum 平均日最低	Absolute Minimum 絕對最低				Mean at 0200 hours 上午二時平均	Mean at 1400 hours 下午二時平均	Absolute Minimum† 絕對最低	%	%		%	%	%	Total 總雨量	Duration 降雨時間	降 雨 日 數 Number of Days with			Maximum Hourly 最高時雨量	Maximum Daily 最高日雨量	Maximum Monthly 最高月雨量	Duration 日照時間	Percentage of Possible 可能日照百分率	Prevailing Direction 盛行風向	Mean Speed 平均風速	Maximum Gust* 最高陣風
																								0.1 mm or more 0.1 毫米或以上	0.1 mm or more 25.0 mm or more 25.0 毫米或以上	25.0 mm or more 50.0 mm or more 50.0 毫米或以上								
JAN 一月	1037.7	1020.3	1003.1	4.1	26.9	18.6	16.3	14.5	0.0	13.8	11.4	14.0	74	78	66	10	61	24.7	46	5.37	0.23	0.00	37.0	99.8	266.9	143.0	42	060	25.3	103				
FEB 二月	1032.7	1018.5	998.3	4.2	28.3	18.9	16.8	15.0	2.4	14.7	13.0	15.5	80	83	73	13	74	54.4	89	9.07	0.53	0.10	31.9	94.1	241.0	94.2	29	070	24.5	110				
MAR 三月	1033.9	1016.0	1001.9	4.3	30.1	21.4	19.1	17.2	4.8	17.2	15.7	18.4	82	85	75	16	79	82.2	101	10.90	0.87	0.37	56.0	130.0	428.0	90.8	24	060	23.0	103				
APR 四月	1028.4	1012.9	999.9	3.9	33.4	25.0	22.6	20.8	9.9	20.6	19.4	23.0	83	87	77	22	81	174.7	99	12.00	2.23	1.10	92.4	237.4	547.7	101.7	27	070	20.9	135				
MAY 五月	1020.2	1009.3	981.1	3.5	36.1	28.4	25.9	24.1	15.4	23.7	22.6	27.7	83	87	76	23	76	304.7	106	14.67	3.97	1.73	109.9	520.6	1241.1	140.4	34	080	19.7	140				
JUN 六月	1014.7	1006.1	973.8	3.2	35.6	30.2	27.9	26.2	19.2	25.6	24.6	31.0	82	86	77	29	77	456.1	111	19.07	5.27	2.60	145.5	411.3	1346.1	146.1	36	220	22.9	194				
JUL 七月	1014.8	1005.7	975.8	3.4	35.7	31.4	28.8	26.8	21.7	26.1	25.1	31.8	81	85	74	43	69	376.5	85	17.60	4.60	2.27	115.1	534.1	1147.2	212.0	51	230	21.3	158				
AUG 八月	1016.3	1005.2	961.6	3.5	36.6	31.1	28.6	26.6	21.6	26.0	25.0	31.7	81	85	74	41	69	432.2	97	16.93	5.37	2.47	82.1	334.2	1090.1	188.9	47	230	19.4	209				
SEP 九月	1019.0	1008.9	953.2	3.6	35.2	30.1	27.7	25.8	18.4	24.8	23.4	29.0	78	83	72	26	66	327.6	78	14.67	3.80	2.00	84.0	325.5	844.2	172.3	47	090	22.6	234				
OCT 十月	1024.5	1014.1	977.3	3.6	34.3	27.8	25.5	23.7	13.5	22.1	20.2	24.1	73	78	66	21	58	100.9	46	7.43	1.20	0.70	78.7	329.7	718.4	193.9	54	080	27.4	184				
NOV 十一月	1033.2	1017.7	974.9	3.9	31.8	24.1	21.8	19.8	6.5	18.4	16.0	18.8	71	76	63	17	54	37.6	38	5.47	0.43	0.13	46.6	149.2	224.2	180.1	54	080	27.0	175				
DEC 十二月	1033.5	1020.5	1004.6	4.1	28.7	20.2	17.9	15.9	4.3	14.8	11.9	14.6	69	74	61	14	52	26.8	40	4.47	0.20	0.07	51.7	177.3	206.9	172.2	51	070	26.0	108				
YEAR 全年	1037.7	1012.9	953.2	3.8	36.6	25.6	23.3	21.4	0.0	20.6	19.0	23.3	78	82	71	10	68	2398.5	935	137.63	28.70	13.53	145.5	534.1	1346.1	1835.6	42	080	23.3	234				
極端值 出現日期 Date on which the extreme value was recorded	24/1/2016		1/9/1962		22/8/2017					18/1/1893						16/1/1959						7/6/2008	19/7/1926	8/2/2008						16/9/1999				
觀測地點 Observed at	天文台 Hong Kong Observatory																				京士柏 King's Park		橫瀾島 Waglan Island											

* 1953 - 2021

† 基於每小時人手觀測數據

‡ Based on hourly manual observations

表 23(d) 香港氣象要素月平均值 (1991-2020) 及極端值 (1884-1939, 1947-2021)

Table 23(d) Monthly Normals of Meteorological Elements for the 30 Years 1991-2020 and Extreme Values between 1884-1939 and 1947-2021 for Hong Kong

月份 MONTH	氣 壓 ATMOSPHERIC PRESSURE				氣 溫 AIR TEMPERATURE					WET-BULB TEMPERATURE 濕球溫度	DEW POINT TEMPERATURE 露點溫度	VAPOUR PRESSURE 水汽壓	相 對 濕 度 RELATIVE HUMIDITY					AMOUNT OF CLOUD 雲量	雨 量 RAINFALL							日 照 BRIGHT SUNSHINE		風 WIND						
	Absolute Maximum 絕對最高	Mean 平均	Absolute Minimum 絕對最低	Mean Diurnal Range 平均日較差	Absolute Maximum 絕對最高	Mean Daily Maximum 平均日最高	Mean 平均	Mean Daily Minimum 平均日最低	Absolute Minimum 絕對最低				Mean at 0200 hours 上午二時平均	Mean at 1400 hours 下午二時平均	Absolute Minimum † 絕對最低	%	%		%	%	%	Total 總雨量 毫米 mm	Duration 降雨時間 小時 hours	降 雨 日 數 Number of Days with			Maximum Hourly 最高時雨量 毫米 mm	Maximum Daily 最高日雨量 毫米 mm	Maximum Monthly 最高月雨量 毫米 mm	Duration 日照時間 小時 hours	Percentage of Possible 可能日照百分率	Prevailing Direction 盛行風向 度 degrees	Mean Speed 平均風速 公里/小時 km/h	Maximum Gust * 最高陣風 公里/小時 km/h
																								0.1 mm or more 0.1 毫米或以上	25.0 mm or more 25.0 毫米或以上	50.0 mm or more 50.0 毫米或以上								
JAN 一月	1037.7	1020.1	1003.1	4.5	26.9	18.7	16.5	14.6	0.0	14.0	11.7	14.2	74	78	67	10	62	33.2	55	5.70	0.43	0.00	37.0	99.8	266.9	145.8	43	060	25.1	103				
FEB 二月	1032.7	1018.7	998.3	4.5	28.3	19.4	17.1	15.3	2.4	15.0	13.2	15.7	79	83	72	13	72	38.9	87	7.97	0.33	0.07	31.9	94.1	241.0	101.7	32	060	24.2	110				
MAR 三月	1033.9	1016.1	1001.9	4.7	30.1	21.9	19.5	17.6	4.8	17.5	16.1	18.7	82	86	75	16	77	75.3	108	10.50	0.77	0.30	56.0	130.0	428.0	100.0	27	060	23.0	103				
APR 四月	1028.4	1013.0	999.9	4.3	33.4	25.6	23.0	21.1	9.9	20.9	19.7	23.4	83	87	75	22	77	153.0	98	11.37	1.87	0.87	92.4	237.4	547.7	113.2	30	070	20.5	135				
MAY 五月	1020.2	1009.3	981.1	3.8	36.1	28.8	26.3	24.5	15.4	24.0	23.0	28.2	83	87	76	23	76	290.6	112	15.37	3.93	1.63	109.9	520.6	1241.1	138.8	34	080	19.8	140				
JUN 六月	1014.7	1006.1	973.8	3.5	35.6	30.7	28.3	26.5	19.2	25.9	24.9	31.6	82	86	76	29	77	491.5	118	19.33	6.03	2.90	145.5	411.3	1346.1	144.3	36	220	21.6	194				
JUL 七月	1014.8	1005.6	975.8	3.7	35.7	31.6	28.9	26.9	21.7	26.3	25.2	32.1	81	85	74	43	72	385.8	93	18.43	4.83	2.10	115.1	534.1	1147.2	197.3	48	230	21.3	158				
AUG 八月	1016.3	1005.2	961.6	4.0	36.6	31.3	28.7	26.7	21.6	26.1	25.1	31.8	81	86	74	41	70	453.2	103	17.50	5.83	2.63	82.1	334.2	1090.1	182.1	46	230	18.8	209				
SEP 九月	1019.0	1008.8	953.2	3.9	35.2	30.5	27.9	26.1	18.4	25.0	23.6	29.4	78	82	71	26	66	321.4	77	14.90	3.77	1.97	84.0	325.5	844.2	174.4	47	080	21.4	234				
OCT 十月	1024.5	1014.0	977.3	3.9	34.3	28.1	25.7	23.9	13.5	22.2	20.2	24.1	73	77	65	21	58	120.3	50	7.83	1.33	0.77	78.7	329.7	718.4	197.8	55	080	26.3	184				
NOV 十一月	1033.2	1017.3	974.9	4.2	31.8	24.5	22.2	20.3	6.5	19.0	16.7	19.6	72	77	65	17	58	39.3	45	5.70	0.40	0.13	46.6	149.2	224.2	172.3	52	070	26.6	175				
DEC 十二月	1033.5	1020.1	1004.6	4.4	28.7	20.4	18.2	16.2	4.3	15.1	12.4	15.0	70	75	63	14	57	28.8	48	5.30	0.17	0.03	51.7	177.3	206.9	161.6	48	010	26.4	108				
YEAR 全年	1037.7	1012.9	953.2	4.1	36.6	26.0	23.5	21.6	0.0	20.9	19.3	23.7	78	82	71	10	68	2431.2	993	139.90	29.70	13.40	145.5	534.1	1346.1	1829.3	41	070	22.9	234				
極端值 出現日期 Date on which the extreme value was recorded	24/1/2016		1/9/1962		22/8/2017											16/1/1959							7/6/2008	19/7/1926	6/2008					16/9/1999				
觀測地點 Observed at	天文台 Hong Kong Observatory																			京士柏 King's Park		橫瀾島 Waglan Island												

* 1953 - 2021

† 基於每小時人手觀測數據

‡ Based on hourly manual observations

表 24(a) 香港部分氣象參數的月平均值 (1961-1990)

Table 24(a) Monthly Means of Selected Meteorological Parameters for Hong Kong (1961-1990)

月份 MONTH	雷暴活動 THUNDERSTORM ACTIVITY		霧日數 (能見度低於一千米) NUMBER OF DAYS WITH FOG (Visibility < 1000 m)	風 WIND			土壤溫度 SOIL TEMPERATURE						平均每日太陽總輻射 MEAN DAILY GLOBAL SOLAR RADIATION 平均每日太陽總輻射	總蒸發量 TOTAL EVAPORATION	總可能蒸散量 TOTAL POTENTIAL EVAPOTRANSPIRATION	海面溫度 SEA SURFACE TEMPERATURE				NUMBER OF DAYS WITH TROPICAL CYCLONE WARNING SIGNAL				強 烈 季 候 風 信 號 生 效 日 數 NUMBER OF DAYS WITH STRONG MONSOON SIGNAL	
	閃電日數 Number of Days with Lightning	雷暴日數 Number of Days with Thunderstorm		盛行風向 Prevailing Direction	平均風速 Mean Speed	最高陣風 Maximum Gust	0.5 米 0.5 m		1.0 米 1.0 m		1.5 米 1.5 m					觀測時間 # Time of Observation #				一號及更高 No. 1 and Higher	二號及更高 No. 3 and Higher	三號及更高 No. 8 and Higher	四號及更高 No. 9 and No. 10		五號及十號 No. 9 and No. 10
							0700	1900	0700	1900	0700	1900				0700	1400	0700 or 1100	1400 or 1700						
	度 degrees	公里/小時 km/h		公里/小時 km/h	°C	°C	°C	°C	°C	°C	°C	°C				兆焦耳/米 ² MJ/m ²	毫米 mm	毫米 mm	°C	°C	°C	°C			
JAN 一月	0.17	0.10	0.43	090	11.2	96	18.9	18.9	20.5	20.6	21.7	21.7	11.63	97.5	73.2	17.5	17.7	17.1	17.3	-	-	-	-	2.77	
FEB 二月	0.63	0.60	1.27	090	11.9	103	18.8	18.9	19.9	20.0	20.9	20.9	10.69	79.0	66.3	16.7	17.0	16.3	16.4	-	-	-	-	3.17	
MAR 三月	1.93	1.83	2.37	090	12.6	108	20.4	20.5	20.7	20.7	21.1	21.2	11.24	92.2	77.0	17.9	18.2	17.3	17.5	-	-	-	-	2.60	
APR 四月	4.40	4.00	1.67	090	11.7	106	23.1	23.3	22.6	22.6	22.4	22.4	13.14	106.9	92.0	20.9	21.3	20.3	20.5	0.17	-	-	-	2.37	
MAY 五月	6.30	4.80	0.13	090	10.6	166	26.5	26.7	25.5	25.5	24.8	24.8	16.12	137.7	115.0	24.5	25.0	24.5	24.8	0.70	0.50	0.13	0.03	1.13	
JUN 六月	7.27	5.20	-	090	10.4	191	28.4	28.6	27.5	27.6	26.8	26.8	16.55	143.9	126.6	26.5	26.9	26.6	26.9	1.97	0.93	0.13	-	0.93	
JUL 七月	7.10	5.03	-	260	10.1	151	29.9	30.0	29.0	29.1	28.3	28.3	19.15	171.6	150.5	26.6	27.1	27.4	27.7	4.57	2.93	0.67	0.07	0.30	
AUG 八月	10.17	6.93	-	090	9.4	224	30.0	30.1	29.5	29.5	29.0	29.0	17.61	156.9	135.8	26.5	27.0	27.3	27.6	3.33	1.70	0.53	0.17	0.17	
SEP 九月	6.67	3.93	-	090	10.7	259	29.6	29.7	29.4	29.4	29.1	29.1	16.49	150.3	120.6	27.1	27.5	27.4	27.7	4.50	2.50	0.57	0.10	1.17	
OCT 十月	1.23	0.87	-	090	12.2	175	27.6	27.6	28.1	28.1	28.2	28.2	15.46	152.2	112.8	26.3	26.6	26.3	26.5	3.37	2.40	0.30	0.10	3.80	
NOV 十一月	0.17	0.17	-	090	11.0	155	24.4	24.4	25.7	25.6	26.4	26.3	13.39	129.1	88.8	23.4	23.6	23.4	23.5	0.50	0.30	0.07	-	3.27	
DEC 十二月	-	-	-	090	10.5	104	20.6	20.6	22.5	22.5	23.7	23.7	12.03	111.5	76.7	19.8	20.0	19.5	19.7	0.07	0.07	-	-	3.97	
YEAR 全年	46.03	33.47	5.87	090	11.0	259	24.9	24.9	25.1	25.1	25.2	25.0	14.46	1528.8	1235.0	22.8	23.2	22.8	23.0	19.17	11.33	2.40	0.47	25.63	
記錄年期 Period of Record	1961 - 1990			*	1967 - 1996						1961 - 1990			1975 - 2004		1961 - 1990									
觀測地點 Observed at	天文台 Hong Kong Observatory						京士柏 King's Park			北角 North Point		橫瀾島 Waglan Island													

* 1911年 - 1939年 及 1947年4月 - 2021年間的極端值

香港時間，即協調世界時 + 8 小時

* Extreme values for the period 1911-1939 and April 1947-2021

Times indicated refer to Hong Kong Time, i.e. Co-ordinated Universal Time + 8 hours

表 24(b) 香港部分氣象參數的月平均值 (1971-2000)

Table 24(b) Monthly Means of Selected Meteorological Parameters for Hong Kong (1971-2000)

月份 MONTH	雷暴活動 THUNDERSTORM ACTIVITY		霧日數 (能見度低於 一公里) NUMBER OF DAYS WITH FOG (Visibility < 1000 m)	風 WIND			土壤溫度 SOIL TEMPERATURE						平均每日太陽 總輻射 MEAN DAILY GLOBAL SOLAR RADIATION	總蒸發量 TOTAL EVAPORATION	總可能蒸散量 TOTAL POTENTIAL EVAPOTRANSPIRATION	海面溫度 SEA SURFACE TEMPERATURE				NUMBER OF DAYS WITH TROPICAL CYCLONE WARNING SIGNAL				強烈季候風 信號生效日數 NUMBER OF DAYS WITH STRONG MONSOON SIGNAL		
	閃電日數 Number of Days with Lightning	雷暴日數 Number of Days with Thunderstorm		盛行風向 Prevailing Direction	平均風速 Mean Speed	最高陣風 Maximum Gust	觀測時間# Time of Observation #									觀測時間# Time of Observation #				一號及 更高 No. 1 and Higher	二號及 更高 No. 2 and Higher	三號及 更高 No. 3 and Higher	四號及 更高 No. 4 and Higher		五號及 更高 No. 5 and No. 10	六號及 更高 No. 6 and No. 10
							0700	1900	0700	1900	0700	1900				0700	1400	0700 or 1100	1400 or 1700							
	度 degrees	公里/小時 km/h		公里/小時 km/h	°C	°C	°C	°C	°C	°C	°C	兆焦耳/米 ² MJ/m ²				毫米 mm	毫米 mm	°C	°C	°C	°C					
JAN 一月	0.13	0.10	0.23	090	11.0	96	18.8	18.8	20.3	20.4	21.6	21.6	10.55	80.7	57.9	17.5	17.7	17.5	17.7	-	-	-	-	4.33		
FEB 二月	1.00	0.97	1.23	090	12.1	103	18.9	18.9	19.8	19.9	20.8	20.8	9.61	67.6	53.0	16.7	17.0	16.6	16.7	-	-	-	-	4.33		
MAR 三月	1.77	1.63	2.30	090	12.6	108	20.6	20.7	20.8	20.8	21.1	21.1	10.18	78.1	63.5	17.9	18.2	17.6	17.8	-	-	-	-	3.83		
APR 四月	4.77	4.20	1.13	090	11.7	106	23.4	23.5	22.8	22.8	22.5	22.5	11.83	93.2	80.0	20.9	21.3	20.7	20.9	0.17	0.03	-	-	3.00		
MAY 五月	6.67	5.27	0.17	090	10.8	166	26.5	26.6	25.5	25.6	24.8	24.8	14.35	118.4	98.3	24.5	25.0	24.5	24.7	0.43	0.27	0.07	-	1.60		
JUN 六月	7.70	5.60	-	090	11.0	191	28.5	28.5	27.5	27.5	26.7	26.8	15.31	129.0	112.7	26.5	26.9	26.6	26.9	2.23	1.23	0.20	0.03	1.17		
JUL 七月	8.47	5.90	-	090	10.9	151	29.8	29.9	29.0	29.0	28.2	28.2	17.52	155.5	131.6	26.6	27.1	27.2	27.5	4.43	2.57	0.57	0.07	0.50		
AUG 八月	11.00	8.10	-	090	10.2	224	30.0	30.0	29.4	29.4	29.0	29.0	16.07	143.2	120.9	26.5	27.0	27.1	27.4	3.93	1.67	0.60	0.13	0.17		
SEP 九月	6.93	4.30	-	090	11.0	259	29.6	29.6	29.3	29.4	29.1	29.1	15.14	134.2	99.0	27.1	27.5	27.5	27.7	4.53	2.23	0.40	0.07	1.77		
OCT 十月	1.13	0.80	-	090	12.4	175	27.7	27.7	28.1	28.1	28.2	28.2	14.46	136.4	92.8	26.3	26.6	26.4	26.6	3.17	2.03	0.20	0.07	5.30		
NOV 十一月	0.23	0.23	-	090	10.9	155	24.4	24.3	25.6	25.5	26.3	26.3	12.64	112.5	74.0	23.4	23.6	23.3	23.5	0.50	0.17	0.07	-	4.83		
DEC 十二月	-	-	0.03	090	10.3	104	20.5	20.5	22.4	22.4	23.6	23.6	11.13	94.5	60.8	19.8	20.0	19.7	19.9	0.07	0.07	-	-	5.23		
YEAR 全年	49.80	37.10	5.09	090	11.2	259	24.9	25.0	24.9	25.0	25.0	25.1	13.23	1343.4	1044.5	22.8	23.2	22.9	23.1	19.46	10.27	2.11	0.37	36.07		
記錄年期 Period of Record	1971 - 2000			*	1971 - 2000						1975 - 2004				1971 - 2000											
觀測地點 Observed at	天文台 Hong Kong Observatory						京士柏 King's Park				北角 North Point		橫瀾島 Waglan Island													

* 1911年 - 1939年 及 1947年4月 - 2021年間的極端值

香港時間，即協調世界時 + 8 小時

* Extreme values for the period 1911-1939 and April 1947-2021

Times indicated refer to Hong Kong Time, i.e. Co-ordinated Universal Time + 8 hours

表 24(c) 香港部分氣象參數的月平均值 (1981-2010)

Table 24(c) Monthly Means of Selected Meteorological Parameters for Hong Kong (1981-2010)

月份 MONTH	雷暴活動 THUNDERSTORM ACTIVITY		霧日數 (能見度低於一千米) NUMBER OF DAYS WITH FOG (Visibility < 1000 m)	風 WIND			土壤溫度 SOIL TEMPERATURE						平均每日太陽總輻射 MEAN DAILY GLOBAL SOLAR RADIATION 平均每日太陽總輻射	總蒸發量 TOTAL EVAPORATION 總蒸發量	總可能蒸散量 TOTAL POTENTIAL EVAPOTRANSPIRATION 總可能蒸散量	海面溫度 SEA SURFACE TEMPERATURE				NUMBER OF DAYS WITH TROPICAL CYCLONE WARNING SIGNAL				強 烈 季 候 風 信 號 生 效 日 數 NUMBER OF DAYS WITH STRONG MONSOON SIGNAL	
	閃電日數 Number of Days with Lightning	雷暴日數 Number of Days with Thunderstorm		盛行風向 Prevailing Direction	平均風速 Mean Speed	最高陣風 Maximum Gust	0.5 米 0.5 m		1.0 米 1.0 m		1.5 米 1.5 m					觀測時間 # Time of Observation #				一號及更高 No. 1 and Higher	二號及更高 No. 3 and Higher	三號及更高 No. 8 and Higher	四號及更高 No. 9 and No. 10		五號及十號 No. 9 and No. 10
							0700	1900	0700	1900	0700	1900				0700	1400	0700 or 1100	1400 or 1700						
	度 degrees	公里/小時 km/h		公里/小時 km/h	°C	°C	°C	°C	°C	°C	°C	°C				兆焦耳/米 ² MJ/m ²	毫米 mm	毫米 mm	°C	°C	°C	°C			
JAN 一月	0.13	0.13	0.30	090	10.6	96	18.8	18.7	20.3	20.3	21.5	21.5	10.17	71.3	61.2	17.4	17.7	17.6	17.7	-	-	-	-	4.00	
FEB 二月	0.90	0.87	1.20	090	11.7	103	19.0	18.9	19.9	19.9	20.7	20.7	9.39	59.9	58.7	16.8	17.1	16.8	16.9	-	-	-	-	4.63	
MAR 三月	1.90	1.77	2.00	090	12.0	108	20.9	20.9	21.0	21.0	21.3	21.3	9.96	70.5	65.3	18.0	18.3	18.0	18.2	-	-	-	-	4.43	
APR 四月	4.13	3.50	1.03	090	11.5	106	23.5	23.5	22.9	23.0	22.6	22.7	11.60	83.8	81.6	21.0	21.4	20.9	21.1	0.20	0.13	-	-	2.90	
MAY 五月	6.77	5.20	0.07	090	10.7	166	26.6	26.6	25.6	25.7	24.8	24.9	14.19	110.7	101.8	24.5	25.0	24.6	24.8	0.40	0.23	0.07	-	1.53	
JUN 六月	9.07	7.03	-	090	10.6	191	28.5	28.5	27.6	27.7	26.9	26.9	14.19	117.1	108.0	26.5	26.9	26.5	26.7	1.80	0.93	0.20	0.03	1.27	
JUL 七月	9.77	6.60	-	260	10.7	151	29.8	29.8	29.0	29.0	28.2	28.3	17.17	146.2	125.9	26.6	27.1	26.9	27.2	3.33	1.73	0.57	0.03	0.70	
AUG 八月	11.23	8.33	-	090	10.2	224	30.0	29.9	29.4	29.4	28.9	28.9	15.63	134.9	120.6	26.6	27.1	27.1	27.3	3.83	1.50	0.57	0.10	0.27	
SEP 九月	7.13	4.40	-	090	11.4	259	29.6	29.5	29.3	29.3	29.1	29.0	14.61	125.9	100.3	27.1	27.5	27.4	27.7	3.83	1.87	0.53	0.10	1.97	
OCT 十月	0.97	0.53	-	090	12.1	175	27.8	27.7	28.1	28.1	28.2	28.2	14.05	123.9	96.0	26.3	26.6	26.4	26.6	2.00	1.03	0.07	-	4.13	
NOV 十一月	0.27	0.23	-	090	11.0	155	24.5	24.4	25.7	25.6	26.4	26.4	12.28	99.5	78.8	23.4	23.7	23.3	23.5	0.40	0.07	-	-	4.77	
DEC 十二月	0.03	-	0.03	090	10.0	104	21.0	21.0	22.8	22.8	24.1	24.1	10.89	83.7	64.1	19.8	20.1	19.8	20.0	-	-	-	-	4.97	
YEAR 全年	52.30	38.60	4.63	090	11.0	259	25.0	25.0	25.1	25.2	25.2	25.2	12.85	1227.3	1062.4	22.8	23.2	22.9	23.2	15.80	7.50	2.00	0.27	35.57	
記錄年期 Period of Record	1981 - 2010			*			1981 - 2010																		
觀測地點 Observed at	天文台 Hong Kong Observatory						京士柏 King's Park			北角 North Point			橫瀾島 Waglan Island												

* 1911年 - 1939年 及 1947年4月 - 2021年間的極端值

香港時間，即協調世界時 + 8 小時

* Extreme values for the period 1911-1939 and April 1947-2021

Times indicated refer to Hong Kong Time, i.e. Co-ordinated Universal Time + 8 hours

表 24(d) 香港部分氣象參數的月平均值 (1991-2020)

Table 24(d) Monthly Means of Selected Meteorological Parameters for Hong Kong (1991-2020)

月份 MONTH	雷暴活動 THUNDERSTORM ACTIVITY		霧日數 (能見度低於一千米) NUMBER OF DAYS WITH FOG (Visibility < 1000 m)	風 WIND			土壤溫度 SOIL TEMPERATURE						平均每日太陽總輻射 MEAN DAILY GLOBAL SOLAR RADIATION 平均每日太陽總輻射	總蒸發量 TOTAL EVAPORATION	總可能蒸散量 TOTAL POTENTIAL EVAPOTRANSPIRATION	海面溫度 SEA SURFACE TEMPERATURE				NUMBER OF DAYS WITH TROPICAL CYCLONE WARNING SIGNAL				強 烈 季 候 風 信 號 生 效 日 數 NUMBER OF DAYS WITH STRONG MONSOON SIGNAL	
	閃電日數 Number of Days with Lightning	雷暴日數 Number of Days with Thunderstorm		盛行風向 Prevailing Direction	平均風速 Mean Speed	最高陣風 Maximum Gust	0.5 米 0.5 m		1.0 米 1.0 m		1.5 米 1.5 m					觀測時間 # Time of Observation #				一號及更高 No. 1 and Higher	二號及更高 No. 3 and Higher	三號及更高 No. 8 and Higher	四號及更高 No. 9 and No. 10		五號及十號 No. 9 and No. 10
							0700	1900	0700	1900	0700	1900				0700	1400	0700 or 1100	1400 or 1700						
	度 degrees	公里/小時 km/h		公里/小時 km/h	°C	°C	°C	°C	°C	°C	°C	°C				兆焦耳/米 ² MJ/m ²	毫米 mm	毫米 mm	°C	°C	°C	°C			
JAN 一月	0.23	0.23	0.20	090	9.4	96	19.1	19.0	20.7	20.7	22.0	22.0	10.55	69.1	59.2	17.6	17.9	17.7	17.9	-	-	-	-	3.63	
FEB 二月	0.60	0.60	1.10	090	10.7	103	19.2	19.2	20.2	20.2	21.1	21.1	10.24	60.4	54.7	17.0	17.3	17.0	17.2	-	-	-	-	3.90	
MAR 三月	1.53	1.37	1.47	090	11.1	108	21.3	21.3	21.5	21.5	21.7	21.7	10.71	73.2	66.3	18.3	18.7	18.4	18.6	-	-	-	-	4.93	
APR 四月	3.77	3.13	0.83	090	9.7	106	23.9	23.9	23.4	23.4	23.0	23.0	12.52	87.2	80.3	21.4	21.8	21.3	21.7	0.20	0.13	-	-	2.37	
MAY 五月	7.70	5.87	0.07	090	9.3	166	26.8	26.8	25.9	25.9	25.0	25.1	14.46	109.8	95.4	24.7	25.2	24.7	25.2	0.27	0.13	0.03	-	1.50	
JUN 六月	10.70	8.13	-	260	9.2	191	28.7	28.7	27.9	28.0	27.1	27.1	14.61	113.8	96.5	26.6	27.0	26.6	27.0	2.00	1.00	0.27	0.03	0.90	
JUL 七月	10.80	7.97	-	260	9.9	151	29.8	29.7	29.1	29.1	28.3	28.3	17.22	142.0	113.8	26.5	27.0	26.5	27.0	3.13	1.53	0.53	0.10	0.90	
AUG 八月	11.53	8.90	-	260	9.1	224	29.8	29.8	29.4	29.4	28.9	28.9	15.73	129.7	108.6	26.6	27.0	26.8	27.2	4.17	1.90	0.80	0.17	0.37	
SEP 九月	7.07	5.07	-	090	10.1	259	29.5	29.4	29.4	29.3	29.0	29.0	14.99	122.8	94.8	27.0	27.4	27.3	27.6	3.83	1.87	0.67	0.10	2.03	
OCT 十月	1.17	0.83	-	090	10.6	175	27.7	27.6	28.2	28.2	28.2	28.2	14.52	122.6	93.0	26.5	26.7	26.6	26.9	1.70	0.73	0.13	-	4.10	
NOV 十一月	0.23	0.17	-	090	9.9	155	24.8	24.7	26.0	25.9	26.6	26.6	12.26	95.1	78.5	23.7	24.0	23.6	23.9	0.57	0.13	-	-	4.30	
DEC 十二月	0.03	-	0.03	090	9.2	104	21.6	21.6	23.5	23.4	24.6	24.6	10.91	80.9	63.4	20.0	20.3	20.1	20.3	-	-	-	-	5.13	
YEAR 全年	55.37	42.27	3.70	090	9.9	259	25.2	25.1	25.4	25.4	25.5	25.5	13.23	1204.1	1010.8	23.0	23.3	23.1	23.4	15.87	7.43	2.43	0.40	34.07	
記錄年期 Period of Record	1991 - 2020			*			1991 - 2020																		
觀測地點 Observed at	天文台 Hong Kong Observatory						京士柏 King's Park			北角 North Point		橫瀾島 Waglan Island													

* 1911年 - 1939年 及 1947年4月 - 2021年間的極端值

香港時間，即協調世界時 + 8 小時

* Extreme values for the period 1911-1939 and April 1947-2021

Times indicated refer to Hong Kong Time, i.e. Co-ordinated Universal Time + 8 hours

表 25
Table 25

二零二一年協調世界時零時的高空數據摘要
Summary of Upper-air Data at 00 UTC in 2021

	1000 百帕斯卡 hPa			925 百帕斯卡 hPa			850 百帕斯卡 hPa			700 百帕斯卡 hPa			500 百帕斯卡 hPa			400 百帕斯卡 hPa			300 百帕斯卡 hPa			250 百帕斯卡 hPa		
一月 January	055	11	31	068	22	31	069	3	31	278	40	31	266	75	31	265	86	31	266	91	31	261	95	31
	13.2	31		10.7	31		8.8	31		5.2	31		-4.5	31		-14.6	31		-30.1	31		-40.2	31	
	4.2	31		1.9	31		-2.6	31		-13.9	31		-38.2	31		-46.8	31		-57.3	31		-63.9	31	
	180	31		833	31		1535	31		3130	31		5834	31		7557	31		9669	31		10940	31	
二月 February	081	9	28	082	20	28	095	8	28	273	27	28	264	72	28	261	102	28	258	117	28	257	123	28
	17.2	28		14.4	28		11.5	28		5.4	28		-7.6	28		-17.2	28		-31	28		-40.2	28	
	12.8	28		8.1	28		4.4	28		-13	28		-34.3	28		-42.4	28		-56.6	28		-64.3	28	
	155	28		818	28		1529	28		3135	28		5821	28		7527	28		9628	28		10896	28	
三月 March	082	12	29	123	13	31	217	11	31	267	34	31	271	59	31	266	80	31	265	88	31	268	87	31
	19	29		16.5	31		14.3	31		6.7	31		-6.8	31		-16.6	31		-30.9	31		-40.7	31	
	16.2	29		13.9	31		10.6	31		-1.3	31		-35.3	31		-44.9	31		-55	31		-63.1	31	
	149	29		811	31		1531	31		3153	31		5844	31		7552	31		9655	31		10922	31	
四月 April	092	11	30	103	18	30	187	6	30	275	18	30	277	40	30	275	52	30	274	63	30	278	69	30
	22	30		18.2	30		16	30		8.5	30		-6.2	30		-16.1	30		-30.9	30		-40.6	30	
	18.8	30		15	30		10.7	30		2.8	30		-20.8	30		-37	30		-49.6	30		-57.7	30	
	127	30		800	30		1524	30		3156	30		5864	30		7579	30		9684	30		10951	30	
五月 May	178	3	29	213	17	31	220	23	31	236	29	31	254	29	31	262	33	31	277	39	31	289	44	31
	27.2	29		22.1	31		19	31		11.3	31		-4.7	31		-15	31		-29.4	31		-39.3	31	
	23.9	29		20.6	31		14.1	31		1.9	31		-15	31		-25	31		-39.7	31		-49.8	31	
	96	29		780	31		1513	31		3162	31		5890	31		7613	31		9729	31		11004	31	
六月 June	151	2	7	211	18	30	223	22	30	232	22	30	182	5	30	169	6	30	057	13	30	051	19	30
	27.5	7		23	30		19.2	30		11.5	30		-2.9	30		-12.6	30		-27.2	30		-37.2	30	
	25.6	7		21.7	30		17.3	30		6.9	30		-9.5	30		-23	30		-35.6	30		-45.5	30	
	71	11		747	30		1482	30		3134	30		5878	30		7616	30		9753	30		11040	30	
七月 July	152	1	13	163	9	31	164	10	31	179	13	31	123	9	31	109	15	31	093	22	31	081	25	31
	28.7	13		23.6	31		19.6	31		11.7	31		-2.9	31		-13	31		-27.3	31		-37.1	31	
	25.2	13		21.7	31		16.9	31		6.2	31		-12.8	31		-24.8	31		-40.5	31		-49	31	
	88	13		739	31		1476	31		3129	31		5873	31		7609	31		9743	31		11030	31	
八月 August	044	1	18	222	10	31	197	10	31	177	6	31	083	11	31	075	21	31	073	31	31	075	43	31
	27.6	18		23.2	31		19.4	31		11.4	31		-3.2	31		-13	31		-27.4	31		-37.3	31	
	24.4	18		21.2	31		17	31		6.8	31		-9.2	31		-22.1	31		-39.2	31		-48.8	31	
	92	18		748	31		1484	31		3135	31		5876	31		7611	31		9745	31		11031	31	
九月 September	087	4	27	099	11	30	102	18	30	108	13	30	094	15	30	098	14	30	079	14	30	047	12	30
	28.2	27		23.2	30		19.3	30		11.4	30		-4.1	30		-14.8	30		-29.6	30		-39.5	30	
	24.3	27		21	30		16	30		1.8	30		-16.7	30		-28.5	30		-44.5	30		-52.1	30	
	95	27		779	30		1514	30		3163	30		5896	30		7621	30		9736	30		11010	30	
十月 October	053	9	26	081	35	31	093	27	31	113	12	31	148	4	31	256	2	31	264	13	31	290	18	31
	23.8	26		19.7	31		16.6	31		10.3	31		-4.5	31		-14.7	31		-28.9	31		-39.1	31	
	19.7	26		17.9	31		14.7	31		2.5	31		-16	31		-28.5	31		-45.3	31		-53.6	31	
	132	26		795	31		1522	31		3161	31		5888	31		7612	31		9732	31		11008	31	
十一月 November	050	9	30	072	21	30	255	1	30	274	26	30	262	61	30	269	75	30	271	90	30	269	94	30
	19.7	30		15.9	30		14.2	30		7.4	30		-6.1	30		-16.1	30		-30.5	30		-40.6	30	
	12.6	30		11.1	30		7.4	30		0.6	30		-27.9	30		-39.9	30		-52.9	30		-59.6	30	
	153	30		821	30		1538	30		3161	30		5864	30		7578	30		9684	30		10953	30	
十二月 December	049	12	31	077	31	31	083	12	31	267	21	31	267	54	31	262	71	31	260	94	31	258	99	31
	16	31		12.8	31		11.3	31		6	31		-5.5	31		-16.8	31		-30.7	31		-40.6	31	
	9.3	31		8.4	31		2.2	31		-12.5	31		-31	31		-38.7	31		-52.6	31		-59	31	
	182	31		841	31		1550	31		3156	31		5859	31		7571	31		9671	31		10938	31	
全年 YEAR	071	6	299	101	12	365	159	6	365	255	16	365	263	29	365	264	38	365	267	43	365	270	44	365
	22.5	299		18.6	365		15.8	365		8.9	365		-4.9	365		-15	365		-29.5	365		-39.4	365	
	18.1	299		15.2	365		10.7	365		-0.9	365		-22.2	365		-33.5	365		-47.4	365		-55.6	365	
	127	303		793	365		1517	365		3148	365		5866	365		7587	365		9702	365		10977	365	

表例： 風向及風速 (度，公里/小時) nn
溫度 (°C) nn
露點溫度 (°C) nn
位勢高度 (位勢米) nn

nn = 對該氣象參數進行觀測的次數

Legend: wind direction and speed (deg,km/h) nn
temperature (°C) nn
dew-point temperature (°C) nn
geopotential height (gpm) nn

nn= number of observations for the meteorological parameter

註： 此摘要以協調世界時零時所作高空探測數據編製

Note: The summary is made using data from radiosonde ascents made at 00 UTC

表 25 (續)

Table 25 (Cont'd)

二零二一年協調世界時零時的高空數據摘要
Summary of Upper-air Data at 00 UTC in 2021

	200			150			100			070			050			030			020			對流層頂		
	百帕斯卡 hPa			百帕斯卡 hPa			百帕斯卡 hPa			百帕斯卡 hPa			百帕斯卡 hPa			百帕斯卡 hPa			百帕斯卡 hPa			Tropopause		
一月	256	99	31	250	102	31	261	75	31	263	45	31	270	45	29	275	15	23	177	10	21	255	70	31
January		-52.5	31		-66.7	31		-82.3	31		-81	31		-70.1	29		-57.8	23		-52.7	21		-84.4	31
		-70.2	31		-79.7	31		-90.1	31		-90	31		-92.7	29		-87.8	23		-84.7	21		-91.1	31
		12421	31		14219	31		16571	31		18560	31		20500	30		23629	26		26218	21		16932	31
二月	253	122	28	247	117	28	265	76	28	271	44	28	272	46	26	279	23	21	229	16	17	262	72	28
February		-52	28		-66.3	28		-79.5	28		-80.4	28		-71.1	26		-56.8	21		-49.8	17		-80.3	28
		-71.1	28		-79.6	28		-89.6	28		-90.4	28		-92	26		-86.9	21		-83.1	17		-88.5	28
		12379	28		14181	28		16552	28		18557	28		20496	26		23628	23		26241	21		16828	28
三月	266	89	31	264	83	30	267	47	29	256	27	28	305	13	26	070	19	25	099	28	19	263	44	27
March		-52.6	31		-66.6	30		-79.9	29		-78.8	28		-67	26		-55.3	25		-49.8	19		-82.1	27
		-69.9	31		-79.3	30		-88.4	29		-90.8	28		-90.4	26		-85.7	25		-83.1	19		-89.5	27
		12402	31		14199	31		16563	29		18572	28		20549	28		23730	25		26350	21		16986	27
四月	274	73	30	267	66	30	260	32	30	187	7	30	072	16	28	096	34	24	114	32	22	258	31	30
April		-52	30		-66.1	30		-78.9	30		-78.5	30		-65.5	28		-54.2	24		-49.1	22		-81.4	30
		-67.3	30		-77.5	30		-87.2	30		-89.9	30		-89.4	28		-85.1	24		-82.7	22		-88.3	30
		12433	30		14235	30		16605	30		18620	30		20607	30		23799	25		26427	23		16955	30
五月	297	49	31	305	46	31	321	19	31	050	19	31	081	28	30	101	50	26	096	48	23	328	18	31
May		-51.4	31		-65.3	31		-78.6	31		-77.7	31		-65.5	30		-54.9	26		-49.7	23		-82	31
		-61.2	31		-74.2	31		-86	31		-89.5	31		-89.2	30		-85.1	26		-82.5	23		-88.2	31
		12492	31		14299	31		16677	31		18696	31		20682	31		23875	28		26497	26		17321	31
六月	047	27	30	046	41	29	052	62	27	073	69	26	085	63	26	094	72	25	092	70	24	052	65	26
June		-49.8	30		-65	29		-78.9	28		-76	27		-65	26		-54.1	25		-49.1	24		-80.5	26
		-57.3	30		-72	29		-84.9	28		-89.3	27		-89.2	26		-84.9	25		-82.7	24		-85.7	26
		12540	30		14355	30		16735	29		18760	28		20762	27		23963	25		26596	25		17000	26
七月	075	32	31	065	41	31	070	63	30	080	74	29	087	75	29	091	86	29	092	85	27	066	60	29
July		-49.3	31		-64.4	31		-79.3	30		-70.6	29		-62.7	29		-54.3	29		-49.4	27		-80.3	29
		-59.1	31		-71.5	31		-84.4	30		-89.1	29		-88.5	29		-85.2	29		-82.8	27		-84.6	29
		12532	31		14354	31		16727	31		18789	30		20823	29		24030	29		26663	29		16630	29
八月	068	54	31	057	65	31	061	77	29	084	72	28	086	77	28	095	83	25	091	82	25	063	72	28
August		-49.7	31		-64.8	31		-78	29		-70.9	28		-64	28		-54.7	25		-51.2	25		-79.5	28
		-59.1	31		-72.6	31		-84.8	29		-88.4	28		-88.9	28		-85.4	25		-83.8	25		-84.7	28
		12532	31		14348	31		16728	31		18789	29		20820	28		24021	26		26633	25		16697	28
九月	048	16	30	058	20	30	075	41	30	081	46	29	087	55	28	095	70	26	095	67	24	078	41	29
September		-51.5	30		-65.4	30		-76.8	30		-71.1	29		-63.4	28		-55	26		-50.8	24		-78	29
		-60.6	30		-74.5	30		-84.7	30		-88.9	29		-89.1	28		-85.2	26		-83.4	24		-84.5	29
		12498	30		14305	30		16688	30		18757	30		20784	28		23988	27		26600	25		16590	29
十月	299	19	31	309	17	31	034	11	29	081	23	28	096	27	25	093	42	20	097	37	18	043	10	28
October		-51.1	31		-65.5	31		-79.6	29		-73.6	28		-64	25		-55.6	20		-51.3	18		-81.4	28
		-63.9	31		-75.2	31		-86	29		-88.2	28		-89.1	25		-85.5	20		-83.4	18		-86.8	28
		12499	31		14307	31		16677	31		18712	29		20733	28		23929	22		26537	18		16988	28
十一月	271	98	30	272	100	30	269	65	28	270	22	28	207	2	26	076	22	21	121	21	18	267	64	28
November		-52.7	30		-67.1	30		-79.7	28		-74.1	28		-65	26		-55.7	21		-51.5	18		-81.8	28
		-67.7	30		-76.9	30		-87.6	28		-87.6	28		-89.7	26		-85.8	21		-83.7	18		-88.2	28
		12431	30		14226	30		16585	30		18619	28		20635	28		23827	23		26431	20		16915	28
十二月	249	102	31	248	97	31	259	56	29	273	16	29	325	1	28	061	16	21	104	18	19	259	56	29
December		-52.2	31		-65.8	31		-79.6	29		-77.7	29		-65.3	28		-57.4	21		-52.9	19		-82.3	29
		-68.5	31		-79.7	31		-89.2	29		-89.1	29		-90.2	28		-87	21		-84.8	19		-89.9	29
		12419	31		14223	31		16591	30		18607	29		20607	29		23781	24		26371	19		16980	29
全年	269	43	365	270	38	363	304	14	351	072	12	345	082	20	329	091	38	286	099	40	257	301	12	344
YEAR		-51.4	365		-65.7	363		-79.2	352		-75.9	346		-65.7	329		-55.5	286		-50.6	257		-81.2	344
		-64.7	365		-76.1	363		-86.9	352		-89.3	346		-89.9	329		-85.8	286		-83.4	257		-87.5	344
		12465	365		14271	365		16641	361		18670	351		20667	342		23850	303		26464	273		16902	344

表例： 風向及風速 (度,公里/小時) nn
 溫度 (°C) nn
 露點溫度 (°C) nn
 位勢高度 (位勢米) nn

nn = 對該氣象參數進行觀測的次數

Legend : wind direction and speed (deg,km/h) nn
 temperature (°C) nn
 dew-point temperature (°C) nn
 geopotential height (gpm) nn

nn= number of observations for the meteorological parameter

註： 此摘要以協調世界時零時所作高空探測數據編製

Note : The summary is made using data from radiosonde ascents made at 00 UTC

表 26(a) 鰂魚涌於二零二一年的潮水觀測摘要

Table 26(a) Summary of Observed Sea Levels at Quarry Bay in 2021

	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
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
平均海平面 Mean Sea Level	1.45	1.41	1.42	1.48	1.34	1.34	1.42	1.35	1.42	1.69	1.54	1.57	1.45
最高高潮 Highest High Water													
潮高 Height	2.67	2.83	2.36	2.40	2.45	2.57	2.88	2.38	2.33	3.38	2.61	2.99	3.38
日期 Date (MMDD)	0129	0209	0302	0430	0529	0625	0724	0822	0919	1013	1107	1207	1013
時間 Time (HHmm)	2223	1959	2356	0929	0904	0915	0901	0840	0811	0153	2259	2330	0153
最低低潮 Lowest Low Water													
潮高 Height	0.17	0.34	0.34	0.27	0.03	0.18	0.27	0.26	0.42	0.64	0.23	0.35	0.03
日期 Date (MMDD)	0115	0201	0329	0430	0528	0626	0710	0821	0906	1002	1108	1206	0528
時間 Time (HHmm)	0520	0559	0319	1827	1723	1723	1634	1527	1550	1320	0602	0501	1723
平均高高潮 Mean Higher High Water	2.27	2.20	2.12	2.17	2.10	2.11	2.20	2.07	2.13	2.36	2.24	2.40	2.20
平均低高潮 Mean Lower High Water	1.53	1.61	1.69	1.79	1.56	1.48	1.52	1.51	1.70	2.05	1.80	1.74	1.66
平均高低潮 Mean Higher Low Water	1.26	1.14	0.98	1.10	1.06	1.11	1.20	1.01	1.01	1.33	1.18	1.31	1.14
平均低低潮 Mean Lower Low Water	0.66	0.63	0.65	0.66	0.48	0.49	0.64	0.58	0.66	0.92	0.70	0.75	0.65
平均潮差 Mean Range	0.91	0.99	1.07	1.10	1.08	0.99	0.92	0.95	1.09	1.11	1.10	1.00	1.02
最高潮差 Maximum Range	2.30	2.15	1.91	2.13	2.35	2.38	2.29	2.09	1.85	2.31	2.38	2.41	2.41
觀測時數 No. of Hourly Data	744	672	737	714	740	720	743	744	720	744	720	744	8742

註： 表中所採用的時標為香港時。

潮水高度為海圖基準面以上高度，以米為單位。

Note: The time scale used in the table is Hong Kong Time.

Tide height is in metre above the Chart Datum

表 26(b) 石壁於二零二一年的潮水觀測摘要

Table 26(b) Summary of Observed Sea Levels at Shek Pik in 2021

	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
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
平均海平面 Mean Sea Level	1.43	1.39	1.40	1.46	1.34	1.34	1.44	1.36	1.42	1.69	1.53	1.55	1.45
最高高潮 Highest High Water													
潮高 Height	2.69	2.90	2.41	2.55	2.59	2.71	2.91	2.66	2.45	3.38	2.67	3.01	3.38
日期 Date (MMDD)	0129	0209	0310	0430	0529	0626	0724	0822	0907	1013	1107	1207	1013
時間 Time (HHmm)	2235	2014	2001	1016	1019	0930	0917	0833	0918	0226	2249	2336	0226
最低低潮 Lowest Low Water													
潮高 Height	0.02	0.18	0.22	0.08	-0.05	0.01	0.17	0.15	0.24	0.52	0.01	0.18	-0.05
日期 Date (MMDD)	0115	0201	0329	0429	0527	0628	0711	0823	0906	1002	1108	1206	0527
時間 Time (HHmm)	0532	0621	0357	1724	1655	1932	1658	1630	1549	1339	0627	0519	1655
平均高高潮 Mean Higher High Water	2.37	2.24	2.17	2.22	2.20	2.21	2.31	2.24	2.20	2.43	2.30	2.41	2.28
平均低高潮 Mean Lower High Water	1.57	1.67	1.74	1.82	1.61	1.52	1.57	1.60	1.75	2.10	1.84	1.75	1.71
平均高低潮 Mean Higher Low Water	1.24	1.09	0.92	1.05	1.03	1.09	1.18	1.03	0.98	1.35	1.23	1.27	1.12
平均低低潮 Mean Lower Low Water	0.54	0.51	0.55	0.53	0.35	0.34	0.52	0.46	0.53	0.83	0.61	0.64	0.54
平均潮差 Mean Range	1.04	1.11	1.22	1.22	1.24	1.13	1.05	1.12	1.23	1.19	1.19	1.09	1.15
最高潮差 Maximum Range	2.64	2.51	2.10	2.46	2.60	2.68	2.57	2.51	2.17	2.08	2.66	2.63	2.68
觀測時數 No. of Hourly Data	732	662	738	715	736	700	730	731	715	744	711	744	8658

註： 表中所採用的時標為香港時。

潮水高度為海圖基準面以上高度，以米為單位。

Note: The time scale used in the table is Hong Kong Time.

Tide height is in metre above the Chart Datum

表 26(c) 尖鼻咀於二零二一年的潮水觀測摘要

Table 26(c) Summary of Observed Sea Levels at Tsim Bei Tsui in 2021

	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
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
平均海平面 Mean Sea Level	1.53	1.50	1.50	1.54	1.50	1.45	1.50	1.43	1.48	1.72	1.59	1.62	1.53
最高高潮 Highest High Water													
潮高 Height	3.07	3.09	2.72	3.00	3.15	3.07	3.23	2.96	2.80	3.29	3.06	3.23	3.29
日期 Date (MMDD)	0113	0209	0311	0430	0529	0625	0724	0823	0907	1013	1107	1208	1013
時間 Time (HHmm)	2143	2105	2053	1127	1116	0931	0913	1000	1012	0317	2258	0012	0317
最低低潮 Lowest Low Water													
潮高 Height	0.04	0.15	0.14	0.07	0.05	0.05	0.08	0.14	0.15	0.37	0.04	0.17	0.04
日期 Date (MMDD)	0115	0201	0328	0430	0528	0625	0710	0821	0906	1003	1108	1206	0115
時間 Time (HHmm)	0804	0849	0555	2103	2004	1905	1857	1735	1815	1550	0915	0749	0804
平均高高潮 Mean Higher High Water	2.61	2.52	2.48	2.53	2.56	2.52	2.51	2.47	2.48	2.54	2.51	2.69	2.54
平均低高潮 Mean Lower High Water	1.77	1.91	1.97	2.04	1.90	1.80	1.82	1.76	1.96	2.27	2.06	1.92	1.93
平均高低潮 Mean Higher Low Water	1.20	1.04	0.93	0.99	1.11	1.09	1.10	0.98	0.98	1.25	1.19	1.24	1.09
平均低低潮 Mean Lower Low Water	0.45	0.43	0.45	0.41	0.33	0.34	0.45	0.40	0.39	0.66	0.45	0.53	0.44
平均潮差 Mean Range	1.34	1.45	1.50	1.57	1.51	1.40	1.34	1.39	1.53	1.45	1.49	1.36	1.44
最高潮差 Maximum Range	3.02	2.73	2.50	2.93	3.06	3.02	2.88	2.80	2.61	2.54	3.02	3.02	3.06
觀測時數 No. of Hourly Data	737	668	740	715	738	604	675	744	720	744	717	744	8546

註： 表中所採用的時標為香港時。

潮水高度為海圖基準面以上高度，以米為單位。

Note: The time scale used in the table is Hong Kong Time.

Tide height is in metre above the Chart Datum

表 26(d) 大埔滘於二零二一年的潮水觀測摘要

Table 26(d) Summary of Observed Sea Levels at Tai Po Kau in 2021

	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
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
平均海平面 Mean Sea Level	1.50	1.44	1.44	1.51	1.36	1.36	1.45	1.39	1.46	1.73	1.57	1.60	1.49
最高高潮 Highest High Water													
潮高 Height	2.81	2.92	2.54	2.50	2.47	2.68	2.99	2.44	2.37	3.53	2.76	3.19	3.53
日期 Date (MMDD)	0129	0209	0303	0427	0503	0626	0724	0811	0919	1013	1107	1208	1013
時間 Time (HHmm)	2244	1939	0025	1022	1501	1103	0954	1213	0853	0203	2344	0004	0203
最低低潮 Lowest Low Water													
潮高 Height	0.22	0.30	0.28	0.23	0.01	0.16	0.29	0.31	0.43	0.68	0.22	0.36	0.01
日期 Date (MMDD)	0115	0201	0329	0430	0527	0625	0711	0821	0906	1004	1108	1206	0527
時間 Time (HHmm)	0508	0611	0412	1821	1645	1634	1702	1521	1536	1432	0545	0505	1645
平均高高潮 Mean Higher High Water	2.36	2.28	2.18	2.25	2.05	2.14	2.22	2.11	2.15	2.47	2.31	2.42	2.25
平均低高潮 Mean Lower High Water	1.62	1.67	1.75	1.87	1.63	1.53	1.59	1.63	1.77	2.09	1.87	1.78	1.73
平均高低潮 Mean Higher Low Water	1.25	1.12	0.97	1.12	1.04	1.08	1.14	1.00	1.08	1.40	1.26	1.40	1.16
平均低低潮 Mean Lower Low Water	0.70	0.64	0.63	0.64	0.46	0.48	0.63	0.59	0.66	0.93	0.73	0.77	0.66
平均潮差 Mean Range	0.99	1.05	1.15	1.15	1.10	1.04	1.01	1.01	1.09	1.11	1.11	1.03	1.07
最高潮差 Maximum Range	2.28	2.15	2.14	2.21	2.43	2.50	2.45	2.07	1.90	1.93	2.54	2.52	2.54
觀測時數 No. of Hourly Data	731	662	740	715	736	706	737	673	718	744	719	744	8625

註： 表中所採用的時標為香港時。

潮水高度為海圖基準面以上高度，以米為單位。

Note: The time scale used in the table is Hong Kong Time.

Tide height is in metre above the Chart Datum

表 26(e) 大廟灣於二零二一年的潮水觀測摘要

Table 26(e) Summary of Observed Sea Levels at Tai Miu Wan in 2021

	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
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
平均海平面 Mean Sea Level	1.44	1.39	1.40	1.45	1.32	1.31	1.43	1.33	1.41	1.69	1.53	1.56	1.44
最高高潮 Highest High Water													
潮高 Height	2.64	2.81	2.33	2.34	2.42	2.53	2.87	2.33	2.29	3.48	2.58	2.94	3.48
日期 Date (MMDD)	0129	0209	0303	0430	0529	0625	0724	0822	0919	1013	1107	1207	1013
時間 Time (HHmm)	2158	1953	0005	1044	0855	0907	0844	0829	0751	0216	2301	2344	0216
最低低潮 Lowest Low Water													
潮高 Height	0.14	0.35	0.37	0.28	0.04	0.18	0.30	0.27	0.41	0.59	0.29	0.37	0.04
日期 Date (MMDD)	0115	0201	0329	0430	0528	0626	0711	0821	0906	1002	1108	1206	0528
時間 Time (HHmm)	0436	0554	0333	1820	1716	1717	1719	1512	1523	1301	0558	0444	1716
平均高高潮 Mean Higher High Water	2.24	2.14	2.07	2.12	2.03	2.04	2.19	2.05	2.09	2.35	2.22	2.38	2.16
平均低高潮 Mean Lower High Water	1.51	1.60	1.65	1.75	1.52	1.46	1.51	1.47	1.66	2.05	1.81	1.72	1.64
平均高低潮 Mean Higher Low Water	1.22	1.10	0.95	1.10	1.04	1.10	1.19	1.01	1.00	1.35	1.26	1.30	1.14
平均低低潮 Mean Lower Low Water	0.67	0.65	0.65	0.65	0.46	0.46	0.66	0.58	0.66	0.94	0.74	0.77	0.66
平均潮差 Mean Range	0.92	1.00	1.06	1.04	1.04	0.95	0.90	0.93	1.06	1.09	1.03	0.96	1.00
最高潮差 Maximum Range	2.24	2.16	1.87	2.06	2.35	2.34	2.24	2.04	1.81	2.39	2.29	2.34	2.39
觀測時數 No. of Hourly Data	730	662	741	715	736	633	737	736	718	740	719	744	8611

註： 表中所採用的時標為香港時。

潮水高度為海圖基準面以上高度，以米為單位。

Note: The time scale used in the table is Hong Kong Time.

Tide height is in metre above the Chart Datum