



香港氣象及潮水觀測摘要

SUMMARY OF METEOROLOGICAL AND TIDAL OBSERVATIONS

IN HONG KONG

2019

二零二零年八月出版
Published August 2020

香港天文台編製
香港九龍彌敦道134A

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551.506.1(512.317)

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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，本刊物列載了最近三套氣候正常平均值，包括一九六一至一九九零年、一九七一至二零零零年及一九八一至二零一零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二零一九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為二零一九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

#所指風速表在北跑道近中間位置，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。有關數據每分鐘透過電話線路或無線電傳達天文台。位於天文台總部的開放棚架於二零一九年十二月十六至十七日進行小型翻新工程，此段時間的乾球和濕球溫度、露點溫度、相對濕度及大氣壓力數據測量保持正常運作。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至二零一九年底仍暫停運作，未能提供海面溫度和海平面高度測量。

在二零一九年十二月三十一日，運作中的自動氣象站共有87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、沱灘列島、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亦顯示在二零一九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。天文台在二零一九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。潮水資料每分鐘經由電話線路或無線電傳送到天文台。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至二零一九年底仍暫停運作，未能提供海面溫度和海

平面高度測量。

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。

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二零一九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。下文闡述二零一九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。

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目測雲層種類、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（最多達三層雲），供航空航天氣觀測員參考。

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製造的日照時間表來記錄日照時間。目前，型號CSD-1為業務運作的儀器，型號CSD-3作為後備。該兩日照時間表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，天文台亦在滙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，天文台在京士柏和滙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起使用 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。而滘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，分別位於赤鱲角及珠海東澳島，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，用的是三個一組新的SL3-1雨量器，而原有三個Ogawa雨量器於二零一四年下半年被逐步取代。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。

天文台自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。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。

京士柏及與香港理工大學合作的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。有關兩個監測站的儀器資料、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起全面採用氦氣為汽球充氣，取代了使用多年的氰氣。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。

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、天文台及橫瀾島於二零一九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二零一九年的年風玫瑰圖載於圖8。

圖9及圖10分別顯示天文台二零一九年每月平均氣溫及每月總雨量。

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11至圖12顯示香港各區在二零一九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13至圖15展示各高度二零一九年協調世界時零時的月平均高空風、溫度和相對濕度。

圖16顯示二零一九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及1981-2010)載於圖17。

天文台於二零一九年錄得的每日氣溫、相對濕度、雨量數值、大氣壓力及雲量列於表1至表7。

京士柏於二零一九年錄得的每日日照時間列於表8。

京士柏及滘西洲於二零一九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)。

京士柏於二零一九年錄得的每日最高紫外線指數載列於表10(a)。京士柏於二零一九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)。

京士柏及雙魚河於二零一九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)。京士柏及雙魚河於二零一九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)。

橫瀾島於二零一九年錄得的每日盛行風列於表12。

香港各區於二零一九年的月及年氣象要素數值列於表13及表14。

表15列出二零一九年每月的蒸發量、可能蒸散量、最低草溫及土壤溫度。

表16列出二零一九年的月海面溫度。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。

天文台對二零一九年氣候數據進行了一些分析。表17顯示天文台於二零一九年錄得指定雨量、閃電及雷的日數。二零一九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二零一九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二零一九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二零一九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和一九八一年至二零一零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二零一九年)載於表23及表24。

各標準層於二零一九年錄得的高空風、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。

鯉魚涌、石壁、尖鼻咀、大埔滘及大廟灣潮汐測量站於二零一九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 three sets of climatological normals for 1961-1990, 1971-2000 and 1981-2010 are included in this publication. Extreme weather records are compared against the data recorded in the periods 1884-1939 and 1947-2019 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 2019 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 north runway, on a ground level of 4 metres.

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 to the Hong Kong Observatory at one-minute intervals via telephone circuits or radio links. Minor renovation work of the open thatched shed at the Observatory was conducted from 16 to 17 December 2019. The measurement of the dry bulb and wet bulb temperatures, dew point, relative humidity and atmospheric pressure data remained normal during the period. 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 were temporarily suspended from 16 September 2018 to the end of 2019.

On 31 December 2019, there were 87 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 Bureau. 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 2019 are shown in Figure 1.

TIDE GAUGE STATIONS

Tide measurement using automatic tide gauges started in the 1950s. In 2019, 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 to the Hong Kong Observatory at one-minute intervals via telephone circuits or radio links. As the Waglan Island tide station was damaged by Super Typhoon Mangkhut in 2018, the measurement of sea surface temperature and sea level at the station were temporarily suspended from 16 September 2018 to the end of 2019. 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.

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 2018. 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 2018.

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.

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 (up to 3 layers of clouds) 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 manufactured by Kipp & Zonen. Currently, the operating sunshine duration meter was of model CSD-1 and the back-up CSD-3. The 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 pyrheliometer, 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 raingauge, 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 raingauge. These observations were checked against the records of automatic raingauges nearby.

Hourly observations of rainfall were made at the Hong Kong International Airport with a new set of three SL3-1 raingauges which replaced the three original Ogawa raingauges by phases during the second half of 2014. 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 raingauge nearby.

Automatic raingauges 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 raingauges 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 raingauges are used at Hong Kong Observatory's automatic weather stations. These raingauges 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 raingauges which record rainfall in units of 0.1 mm are used to measure rainfall since 4 March 2014 and 28 July 2014 respectively.

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

Carbon Dioxide Concentration

The Observatory commenced measurement of outdoor carbon dioxide (CO_2) concentration with a LI-COR Biosciences LI-820 CO_2 Analyser at the King's Park Meteorological Station on 7 May 2009. The CO_2 Analyser was installed on the lawn of the station. It operates automatically round-the-clock to record the mean CO_2 concentration once every minute.

Since 26 October 2010, the Observatory has started using a LI-820 CO_2 Analyser to measure the outdoor CO_2 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 CO_2 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 new analyser measures CO_2 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 CO_2 concentration in dry air.

During the initial stage of measurement, calibration of the Observatory's CO_2 analyser was carried out using the standard CO_2 gases which were traceable to the USA NIST Standard. Since 26 October 2010, these standard gases were replaced by the primary standard CO_2 gases provided by the National Oceanic and Atmospheric Administration (NOAA).

Both the CO_2 measurement station at King's Park and the station collaborated with PolyU at Hok Tsui have been registered as regional stations under World Meteorological Organization's (WMO) Global Atmospheric Watch (GAW) programme. The instrument details, measured data and the analysis of the CO_2 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 (T_a), natural wet bulb temperature (T_{nw}) and globe temperature (T_g) 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.

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 2019 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 2019 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 2019 respectively.

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 11 to 12 show the spatial distribution of monthly and annual rainfall over Hong Kong in 2019. 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 2019 are presented in Figures 13 to 15.

Figure 16 shows the cloud-to-ground lightning density in Hong Kong in 2019.

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 and 1981-2010 are shown in Figure 17.

Daily values of air temperatures, relative humidity, rainfall, atmospheric pressure and amount of cloud observed at the Hong Kong Observatory in 2019 are listed in Tables 1 to 7.

Daily values of duration of sunshine recorded at King's Park in 2019 are listed in Table 8.

Daily values of global, direct and diffuse solar radiation recorded at King's Park and Kau Sai Chau in 2019 are listed in Tables 9(a) to 9(f) respectively.

Daily maximum UV index recorded at King's Park in 2019 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 2019 are listed in Table 10(b).

Daily maximum Hong Kong Heat Index recorded at King's Park and Beas River in 2019 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 2019 are listed in Table 11(b) and 11(d) respectively.

Daily values of prevailing wind recorded at Waglan Island in 2019 are listed in Table 12.

Monthly and annual values of meteorological elements at various locations in Hong Kong in 2019 are printed in Tables 13 and 14.

Monthly values of evaporation, potential evapotranspiration, grass minimum temperature and soil temperature in 2019 are shown in Table 15.

Monthly values of sea surface temperature in 2019 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 2019. In Table 17, number of days with specified rainfall amounts in 2019 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 2019 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 2019 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 2019.

Monthly and annual rainfall figures at manned rainfall stations and automatic weather stations with rainfall measurement only in 2019 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 and 1981-2010 as well as the extreme values (1884-1939 and 1947-2019) 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 2019 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 2019 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

We gratefully acknowledge the help and contribution of the many voluntary rainfall observers and staff of the Fire Services Department in making weather observations. Special thanks also go to those organizations which kindly permitted the installation of meteorological instruments within their premises.

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附件 APPENDIX

表 A 於二零一九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 2019 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
鯉魚湖 Tsak Yue Wu (TYW)	22°24'10"	114°19'23"	...	...	5
沱潭列島 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 (VP1)	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 (CP1)	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
沿西洲 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

... 沒有測量 ... Not measured

表 A (續) 於二零一九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 2019

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)
只測風 With wind measurement only		
屯門政府合署 Tuen Mun Government Offices (TUN)	北緯 Latitude N 22°23'26"	東經 Longitude E 113°58'36"
九龍天星碼頭 Star Ferry (Kowloon) (SF)	22°17'35"	18
青衣島蜆殼油庫 Shell Oil Depot (SHL)	22°20'48"	43
大磨刀 Tai Mo To (TMT)	22°19'47"	15
小蠔灣 Siu Ho Wan (SHW)	22°18'21"	15
二東山 Yi Tung Shan (YTS)	22°15'33"	752
沙洲 Sha Chau (SC)	22°20'45"	31
北角 North Point (NP)	22°17'40"	26
大澳 Tai O (TO)	22°15'22"	105
長洲泳灘 Cheung Chau Beach (CCB)	22°12'39"	27
大埔滘 Tai Po Kau (TPK)	22°26'33"	11
塔門東 Tap Mun East (TME)	22°28'06"	48
只量度雨量 With rainfall measurement only		
愉景灣 Discovery Bay (R12)	北緯 Latitude N 22°17'29"	東經 Longitude E 114°00'33"
踏石角 Tap Shek Kok (R21)	22°22'45"	106
尖鼻咀 Tsim Bei Tsui (R22)	22°29'11"	28
大埔王肇枝中學 Tai Po Wong Shiu Chi Secondary School (R23)	22°26'44"	8
沙頭角 Sha Tau Kok (R24)	22°32'15"	23
鶴咀 Cape D'Aguilar (R14)	22°12'34"	39
西貢三育中學 Sai Kung Sam Yuk Middle School (R18)	22°18'27"	45
凹頭 Au Tau (R28)	22°27'00"	122
大美督抽水站 Tai Mei Tuk Pumping Station (R31)	22°28'42"	3
落馬洲 Lok Ma Chau (R29)	22°30'42"	24
鯉魚涌 Quarry Bay (R19)	22°17'28"	67
青衣(青柏樓) Ching Pak House, Tsing Yi (CPH)	22° 20'53"	7
昂坪食水配水庫 Ngong Ping Fresh Water Reservoir (R11)	22°15'20"	122
破邊洲 Po Pin Chau (PPC)	22°21'42"	479
屯門食水主配水庫 Tuen Mun Fresh Water Primary Reservoir (TMR)	22°24'27"	68
大灘訓練營 Tai Tan Camp (TTC)	22°26'07"	98
		19

橫瀾島潮汐站因受到超強颱風山竹破壞，於2018年9月16日起未能提供海面溫度及海平面高度的測量。

The measurement of sea surface temperature and sea level at WGL has been suspended since 16 September 2018 due to damage brought by Super Typhoon Mangkhut.

表 B 於二零一九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 2019

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)			✓	✓									
鯉魚湖 Tsak Yue Wu (TYW)			✓	✓	✓	✓	✓	✓	✓				
沱灘列島 Tuoming 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)					✓								
滘西洲 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

表 B (續) 於二零一九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 2019

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)				✓									
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'Aguilar (R14)			✓										
西貢三育中學 Sai Kung Sam Yuk Middle School (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)			✓										
鯉魚涌 Quarry Bay (R19)			✓										
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

GMT: 最低草溫 Grass Minimum Temperature

HKHI: 香港暑熱指數 Hong Kong Heat Index

MSLP: 平均海平面氣壓 Mean Sea Level Pressure

RF: 雨量 Rainfall

RH: 相對濕度 Relative Humidity

SR: 太陽輻射 Solar Radiation

SST: 海面溫度 Sea Surface Temperature

TEMP: 氣溫 Air Temperature

UV: 紫外線 Ultraviolet

VIS: 能見度 Visibility

WET: 濕球溫度 Wet-bulb Temperature

WIND: 風 Wind

青衣(青柏樓)於 2018 年 7 月 1 日起只量度雨量，本站的 2019 年雨量數據顯示在表 22。

CPH station measured rainfall only since 1 July 2018, the rainfall data for 2019 of this station is shown in Table 22.

表 C 於二零一九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 2019

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
鯉魚湖 Tsak Yue Wu	TYW	01/10/1995
沱潭列島 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)	WB1	07/12/2001
Automatic Weather Buoy No.1 (Hong Kong International Airport, West)		
昂坪 Ngong Ping	NGP	01/01/2002
自動氣象浮標 2 號 (香港國際機場西面)	WB2	16/08/2002
Automatic Weather Buoy No.2 (Hong Kong International Airport, West)		
山頂 The Peak	VP1	17/02/2003
自動氣象浮標 4 號 (香港國際機場東面)	WB4	06/01/2004
Automatic Weather Buoy No.4 (Hong Kong International Airport, East)		
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
滘西洲 Kau Sai Chau	KSC	03/07/2008
跑馬地 Happy Valley	HPV	01/12/2008

表 C (續) 於二零一九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 2019

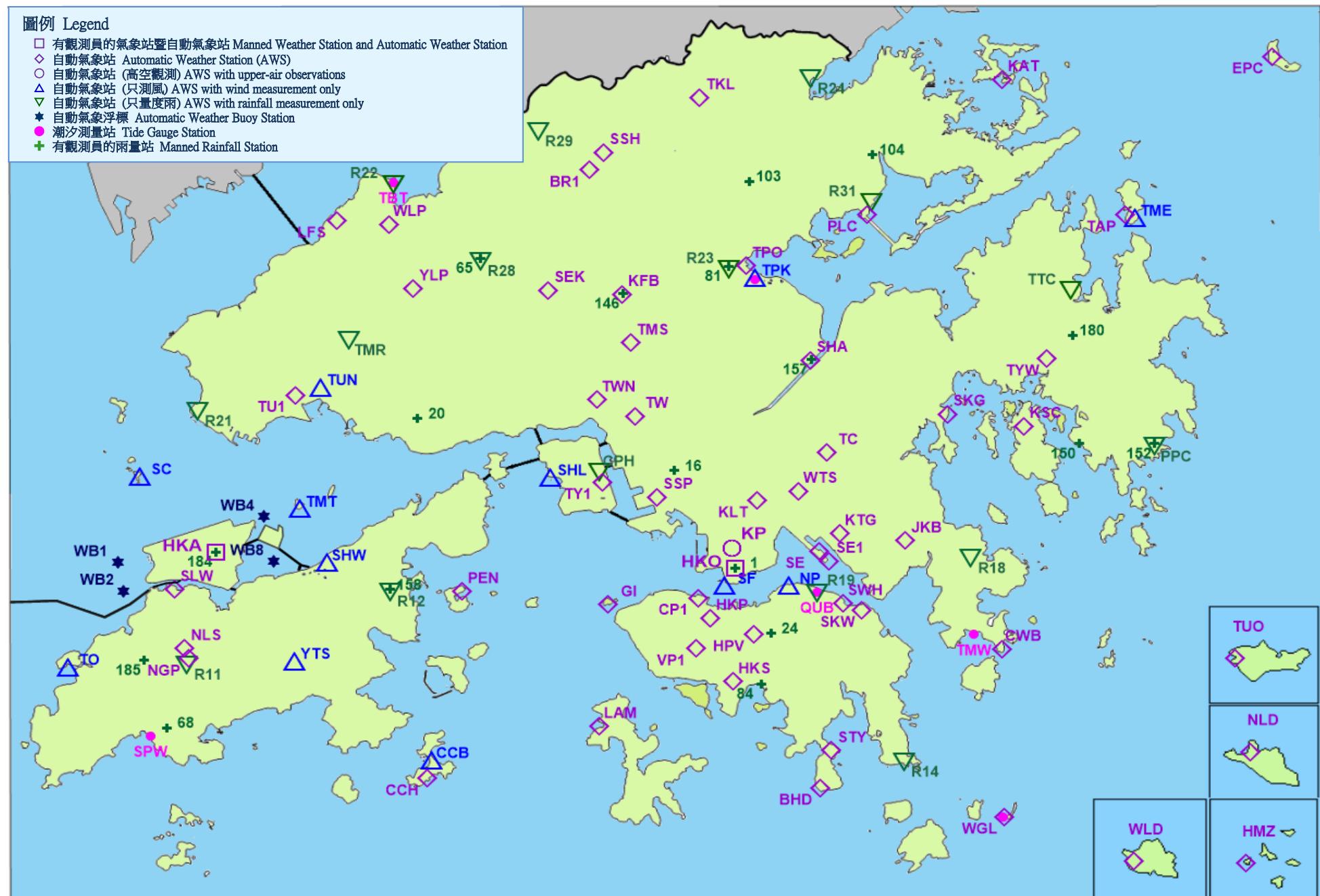
自動氣象站 Automatic Weather Station	台站代號 Station Code	啟用日期 Date of first operation
黃大仙 Wong Tai Sin	WTS	27/03/2009
赤柱 Stanley	STY	12/06/2009
觀塘 Kwun Tong	KTG	21/10/2009
西灣河 Sai Wan Ho	SWH	22/12/2009
深水埗 Sham Shui Po	SSP	09/03/2010
新青衣站 New Tsing Yi Station	TY1	23/08/2010
嘉道理農場暨植物園 Kadoorie Farm and Botanic 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
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
只測風 With wind measurement only		
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
只量度雨量 With rainfall measurement only		
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
西貢三育中學 Sai Kung Sam Yuk Middle School	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
鯉魚涌 Quarry Bay	R19	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

青衣(青柏樓)於 2018 年 7 月 1 日起只量度雨量，本站的 2019 年雨量數據顯示在表 22。

CPH station measured rainfall only since 1 July 2018, the rainfall data for 2019 of this station is shown in Table 22.

圖例 Legend

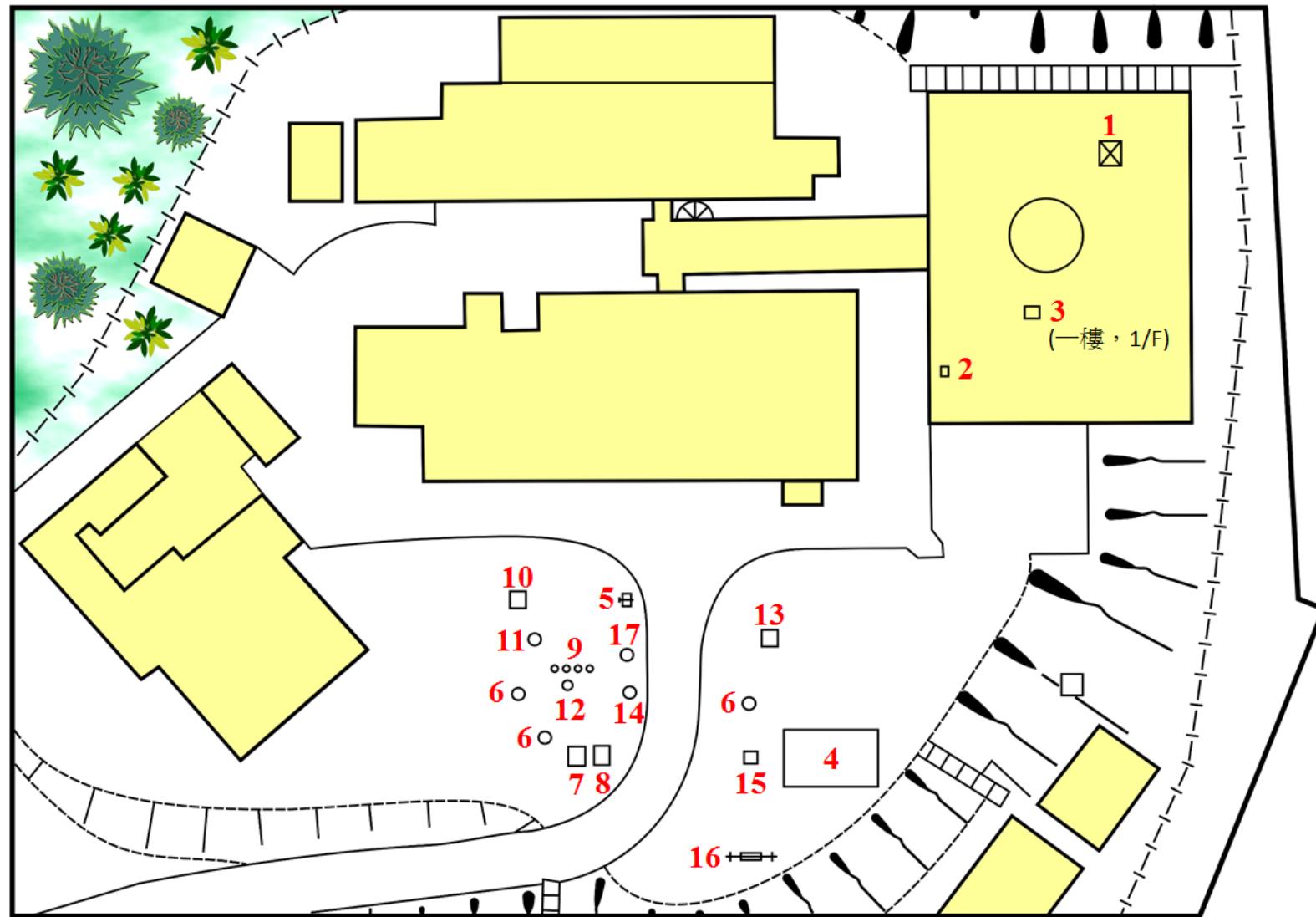
- 有觀測員的氣象站暨自動氣象站 Manned Weather Station and Automatic Weather Station
- ◊ 自動氣象站 Automatic Weather Station (AWS)
- 自動氣象站 (高空觀測) AWS with upper-air observations
- △ 自動氣象站 (只測風) AWS with wind measurement only
- ▽ 自動氣象站 (只量度雨) AWS with rainfall measurement only
- * 自動氣象浮標 Automatic Weather Buoy Station
- 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 113 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 113 for Manned Rainfall Stations.

圖 1 氣象站、雨量站及潮汐測量站的位置圖 (二零一九年十二月三十一日)
Figure 1 Locations of Weather Stations, Rainfall Stations and Tide Gauge Stations as at 31 December 2019.



- | | |
|---|--|
| 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 Raingauge |
| 5. 普通雨量器 Ordinary Raingauge | 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 Raingauge | 14. 虹吸式雨量器 Tilting Siphon Raingauge |
| 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 Raingauge |

圖 2 天文台總部的氣象儀器分布圖 (二零一九年十二月三十一日)

Figure 2 Locations of Meteorological Instruments at the Hong Kong Observatory Headquarters as at 31 December 2019

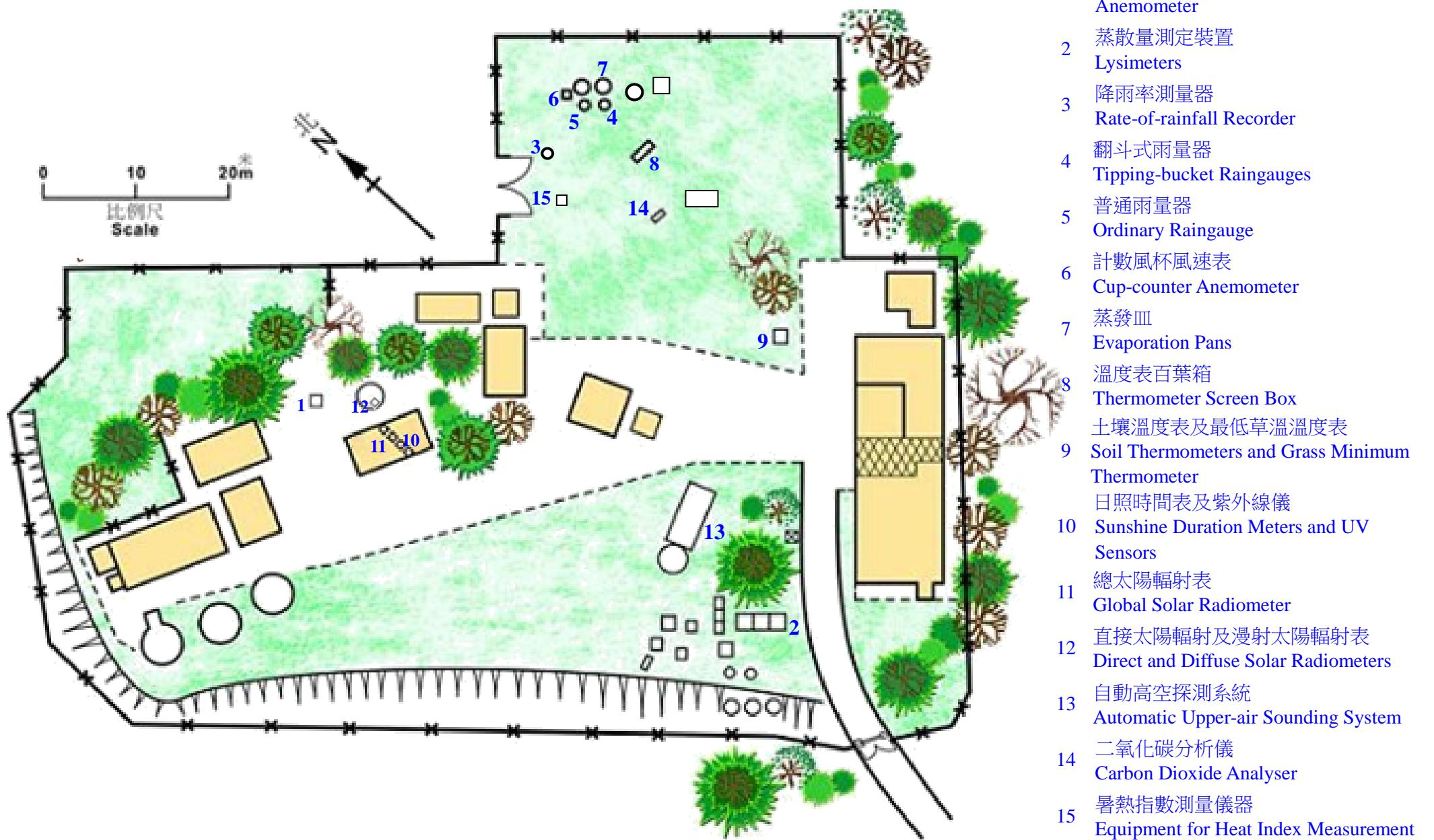


圖 3 京士柏氣象站的氣象儀器分佈圖（二零一九年十二月三十一日）

Figure 3 Locations of Meteorological Instruments at King's Park Meteorological Station as at 31 December 2019

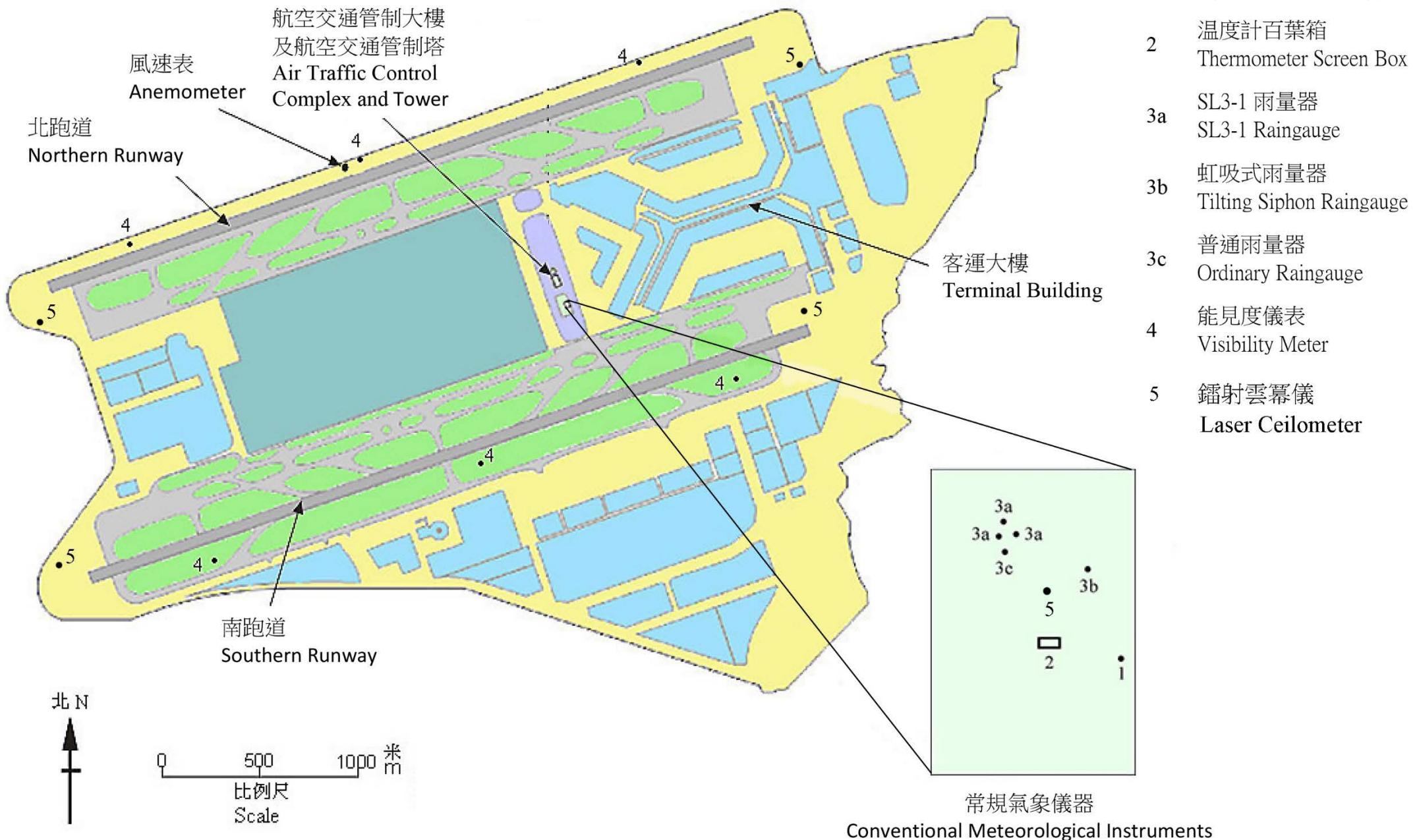


圖 4 香港國際機場航空氣象儀器分布圖 (二零一九年十二月三十一日)

Figure 4 Locations of Meteorological Instruments at the Hong Kong International Airport as at 31 December 2019



圖 5(a) 位於尖沙咀的香港天文台總部全景 (2019)

Figure 5(a) Panoramic view of the Hong Kong Observatory Headquarters in Tsim Sha Tsui (2019)



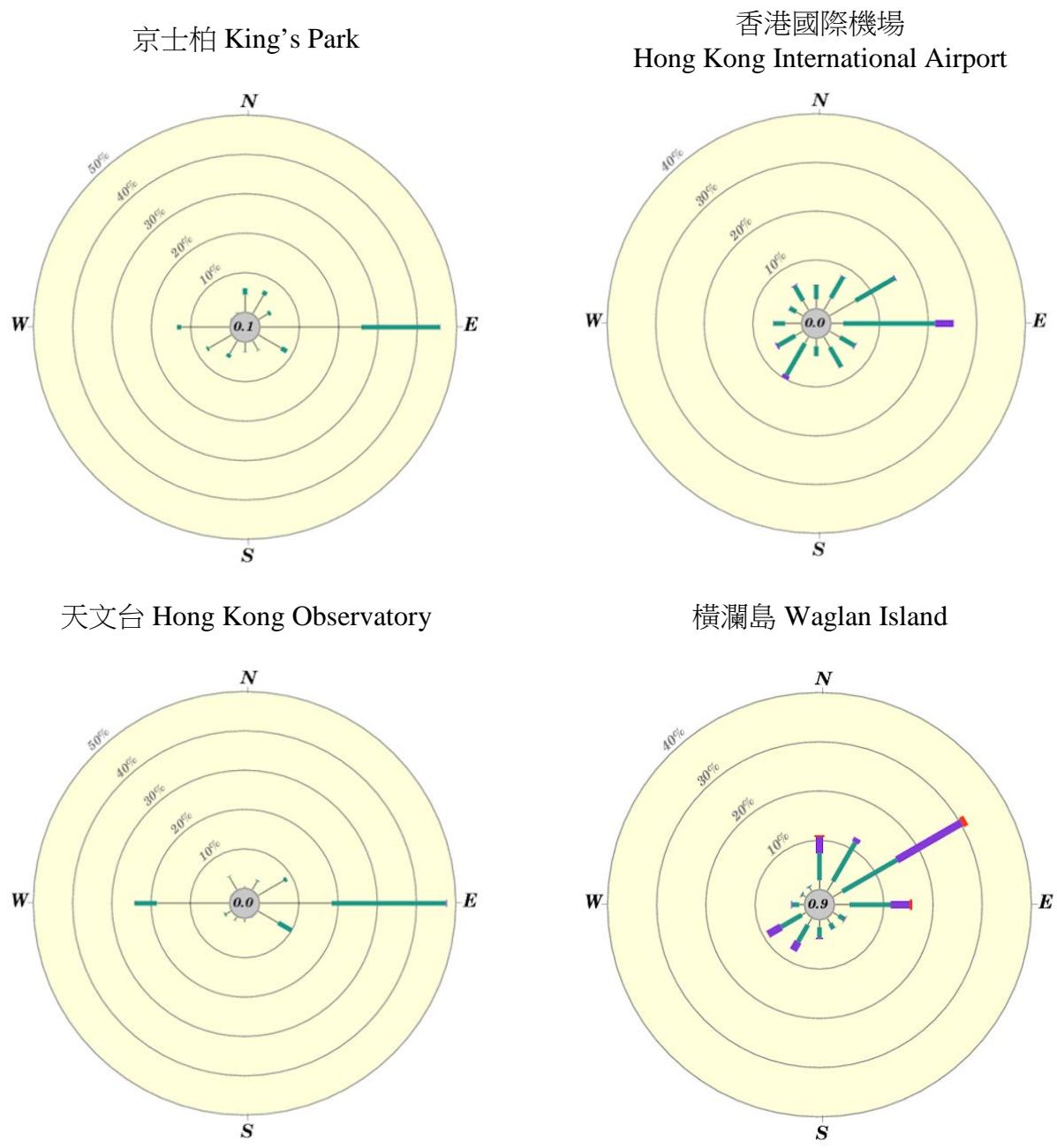
圖 5(b) 京士柏氣象站全景 (2019)

Figure 5(b) Panoramic view of King's Park Meteorological Station (2019)



圖 5(c) 香港國際機場航空氣象觀測坪全景 (2019)

Figure 5(c) Panoramic view of meteorological garden at the Hong Kong International Airport (2019)



圖例:

Legend:

0 - 12	13 - 30	31 - 51	> 51	公里 km/h
1 - 2	3 - 4	5 - 6	> 6	蒲福氏風級 Beaufort force



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

風速 Wind Speed

頻率百分比 Percentage Frequency

圖 6 京士柏、香港國際機場、天文台及橫瀾島於二零一九年的年風玫瑰圖

Figure 6 Annual wind roses for King's Park, Hong Kong International Airport, the Hong Kong Observatory and Waglan Island in 2019

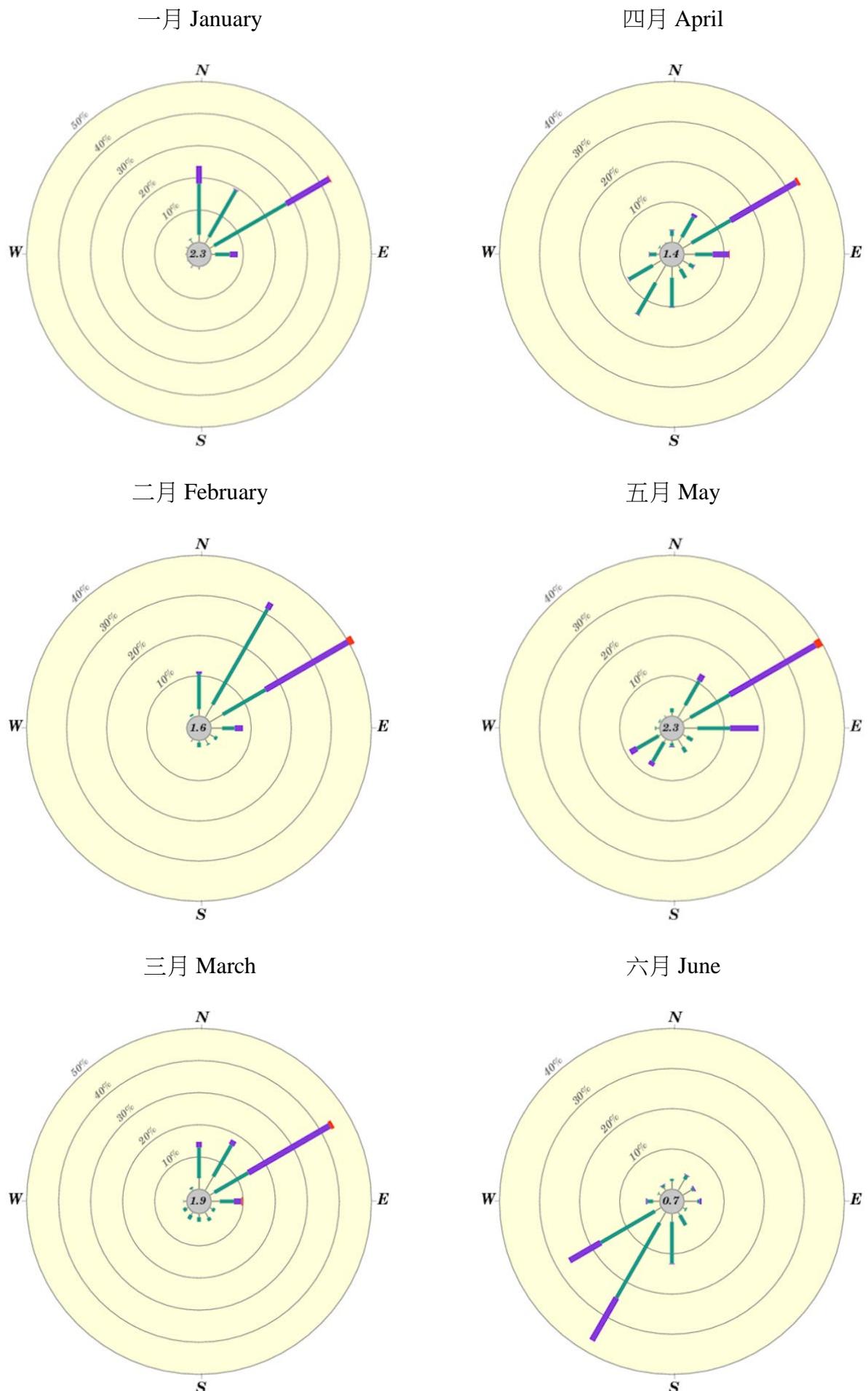


圖 7 橫瀾島於二零一九年每月的風玫瑰圖(一月至六月)

Figure 7 Monthly wind roses for Waglan Island in 2019 (January to June)

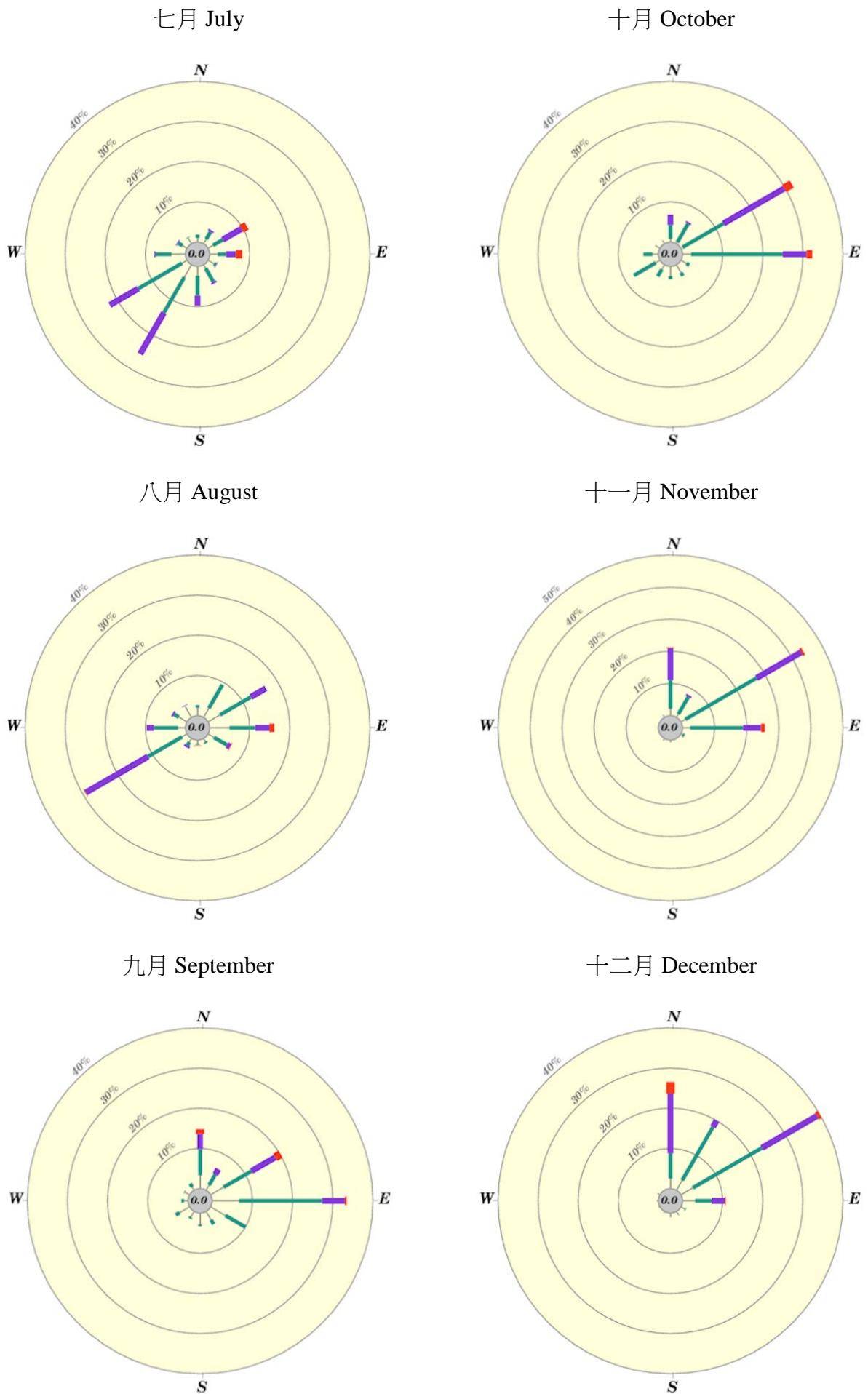


圖 7 (續) 橫瀾島於二零一九年每月的風玫瑰圖(七月至十二月)

Figure 7 (cont'd) Monthly wind roses for Waglan Island in 2019 (July to December)

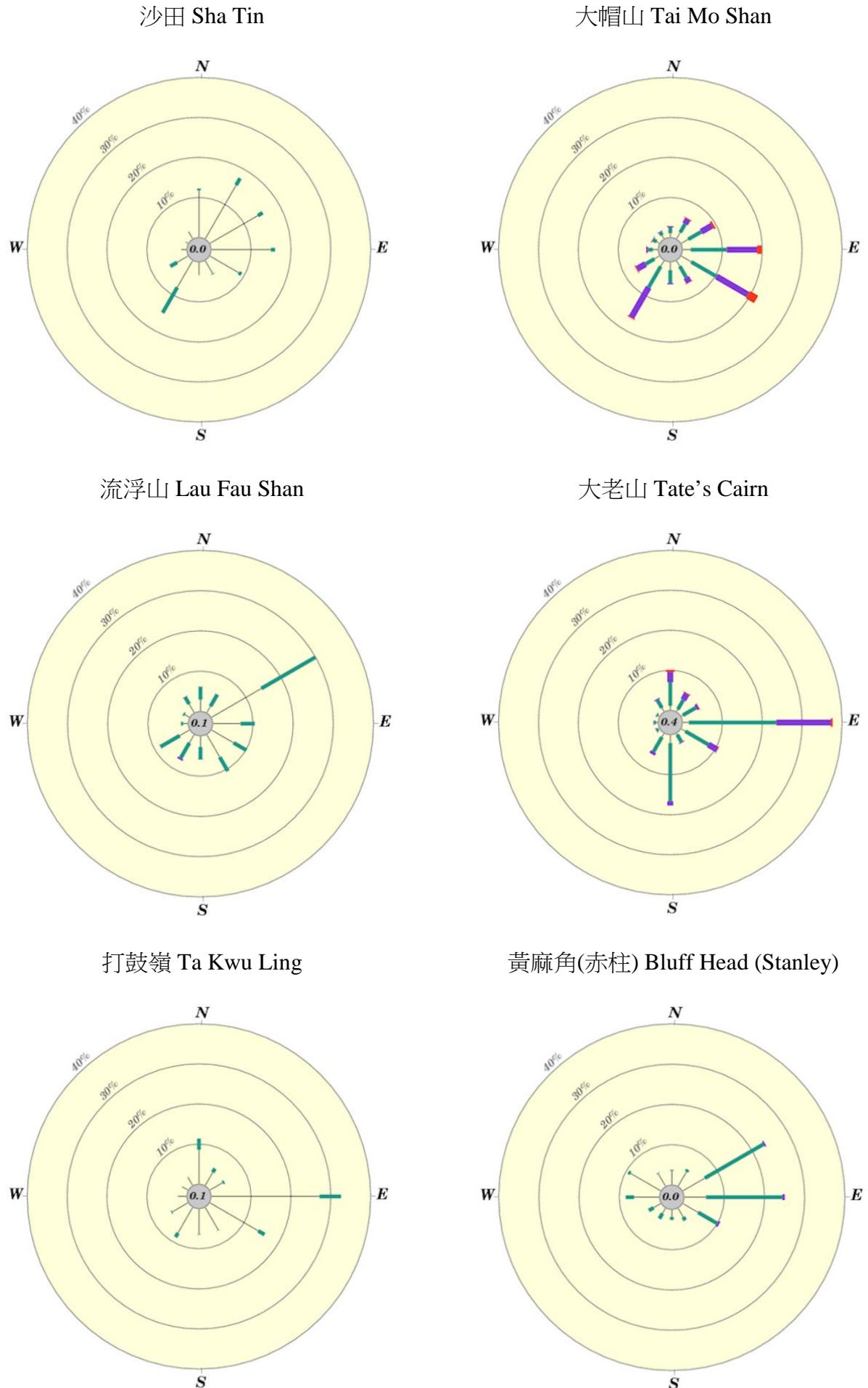
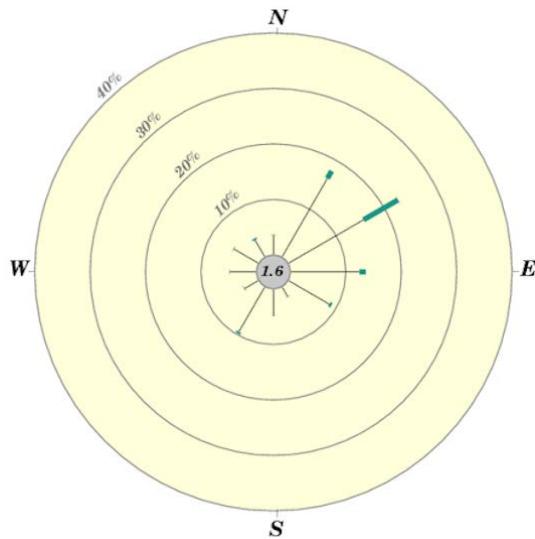


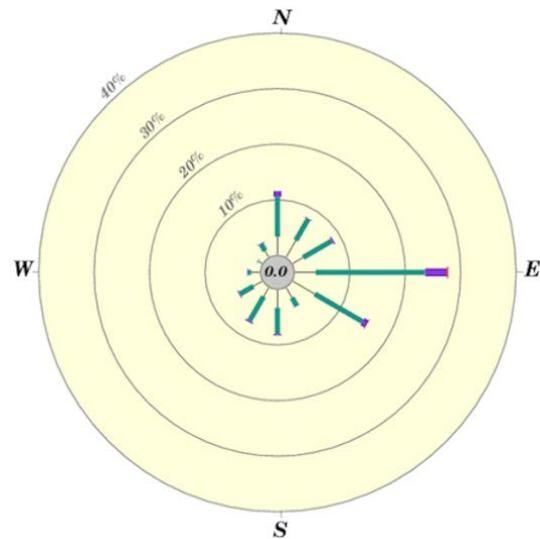
圖 8 自動氣象站於二零一九年的年風玫瑰圖

Figure 8 Annual wind roses for automatic weather stations in 2019

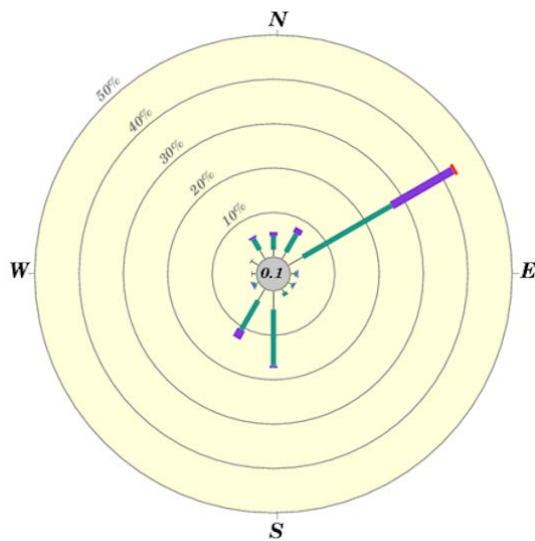
黃竹坑 Wong Chuk Hang



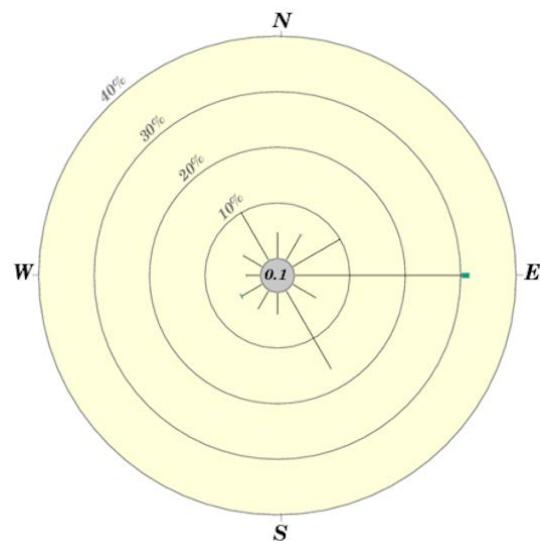
長洲 Cheung Chau



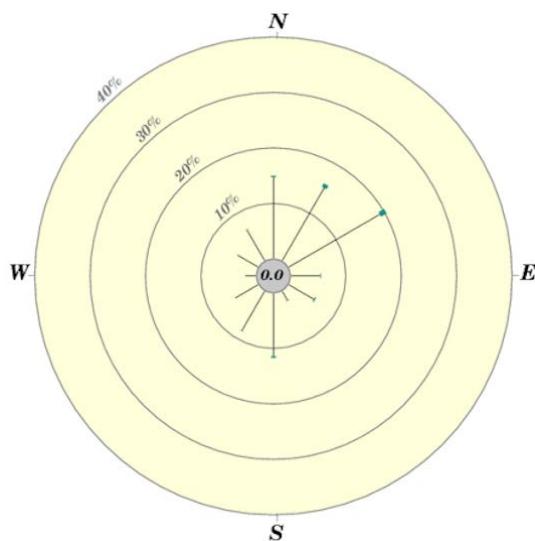
青洲 Green Island



平洲 Ping Chau



將軍澳 Tseung Kwan O



大美督 Tai Mei Tuk

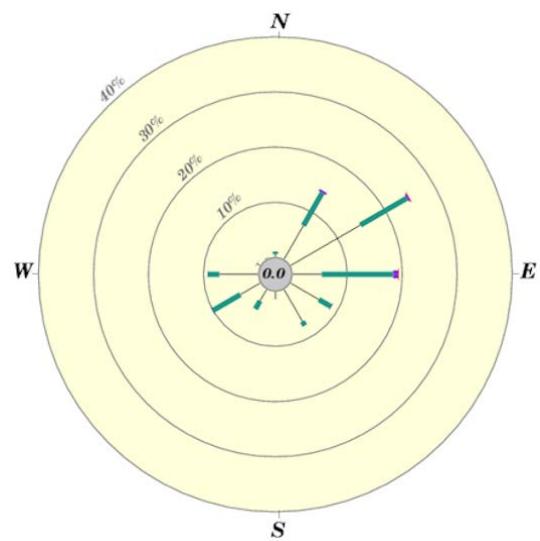
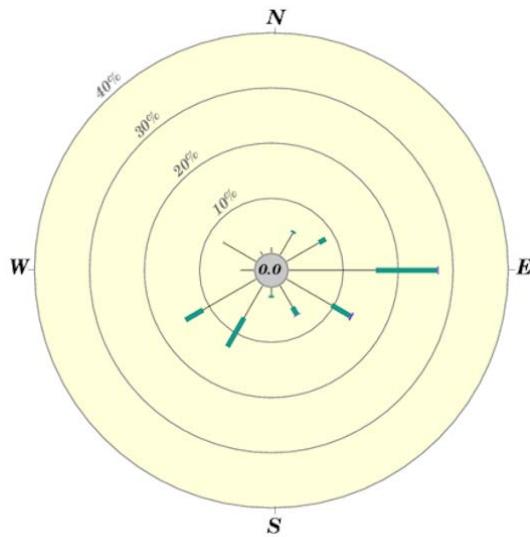


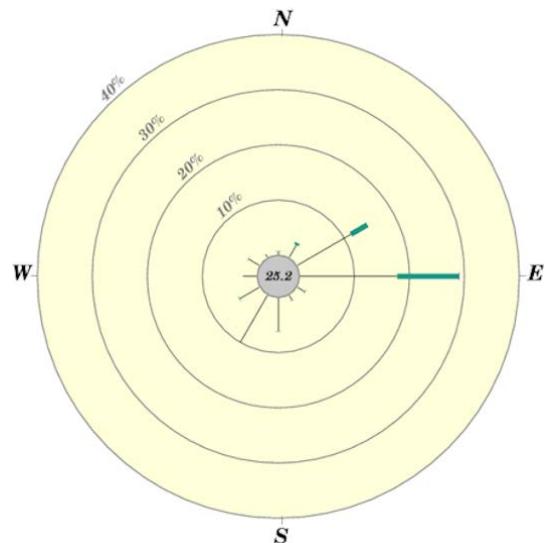
圖 8 (續) 自動氣象站於二零一九年的年風玫瑰圖

Figure 8 (cont'd) Annual wind roses for automatic weather stations in 2019

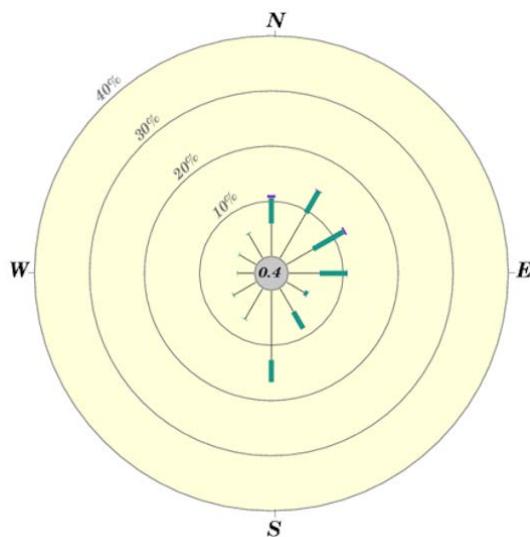
沙螺灣 Sha Lo Wan



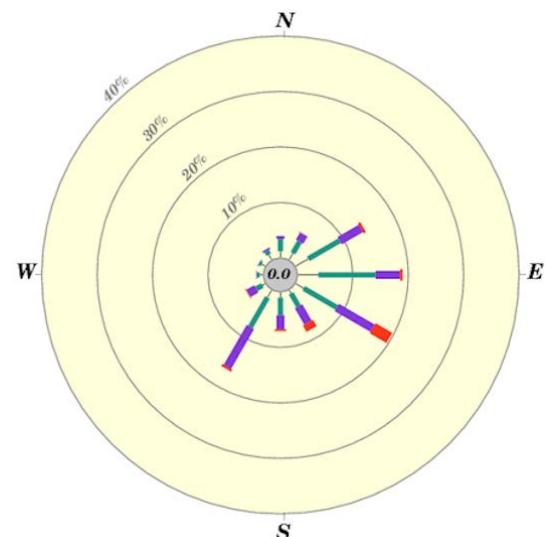
石崗 Shek Kong



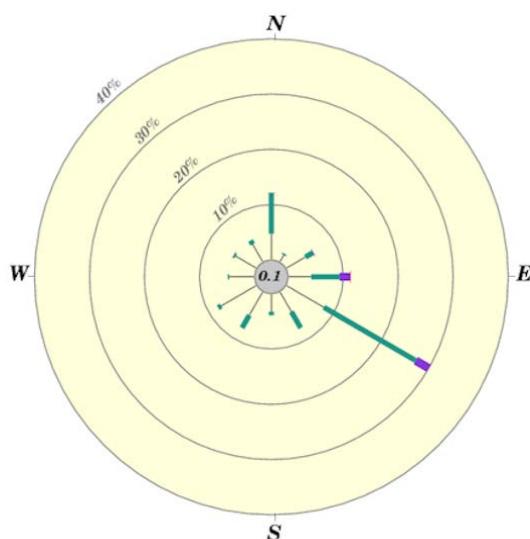
西貢 Sai Kung



彌勒山 Nei Lak Shan



塔門東 Tap Mun East



啟德 Kai Tak

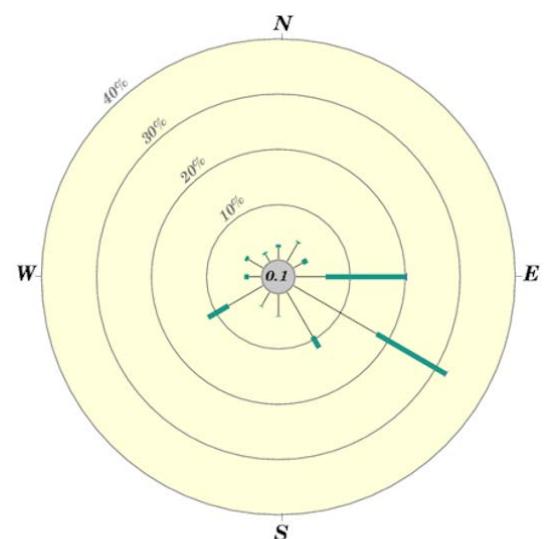
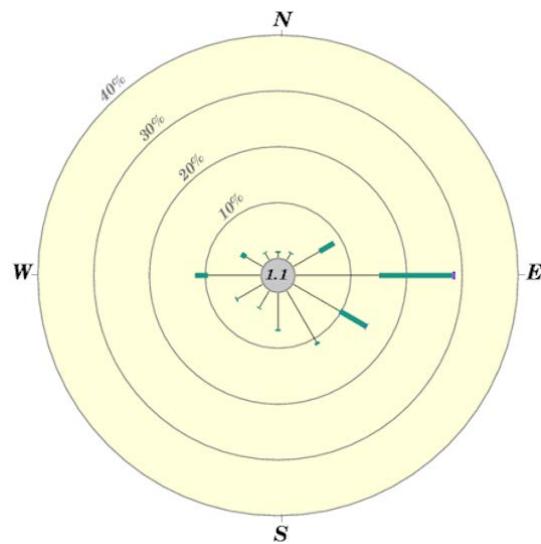


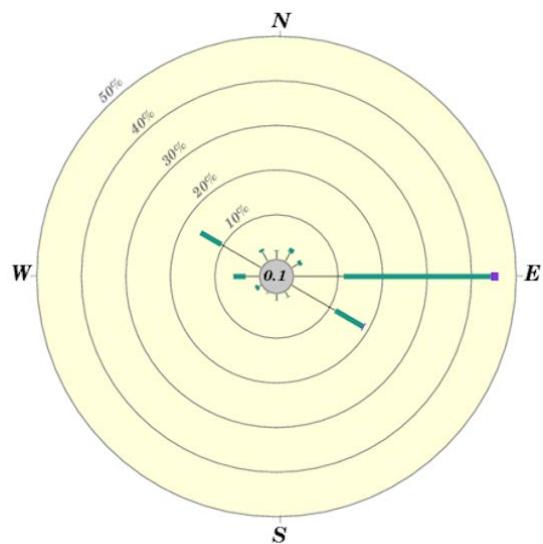
圖 8 (續) 自動氣象站於二零一九年的年風玫瑰圖

Figure 8 (cont'd) Annual wind roses for automatic weather stations in 2019

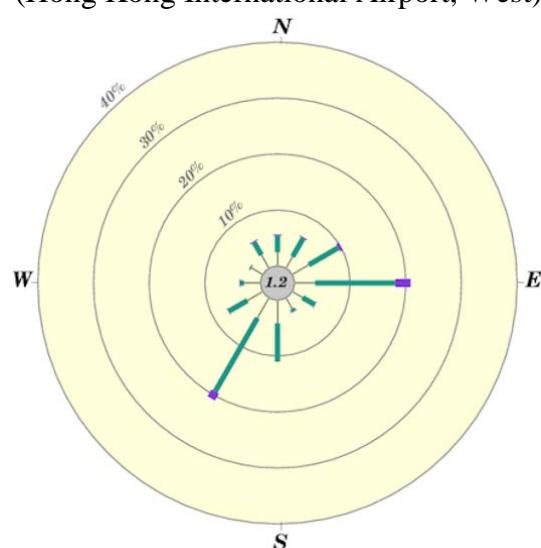
大埔滘 Tai Po Kau



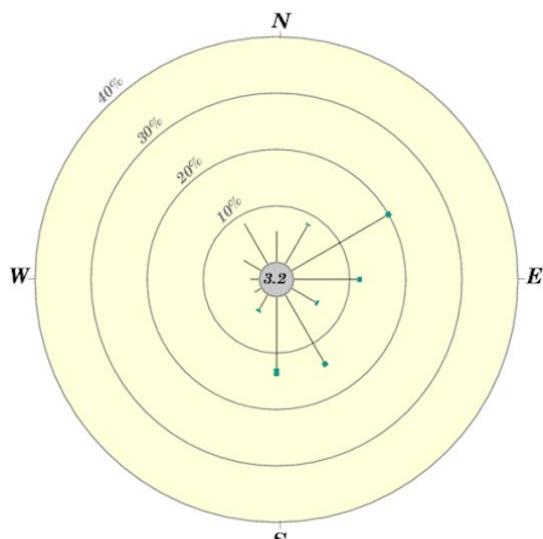
中環碼頭 Central Pier



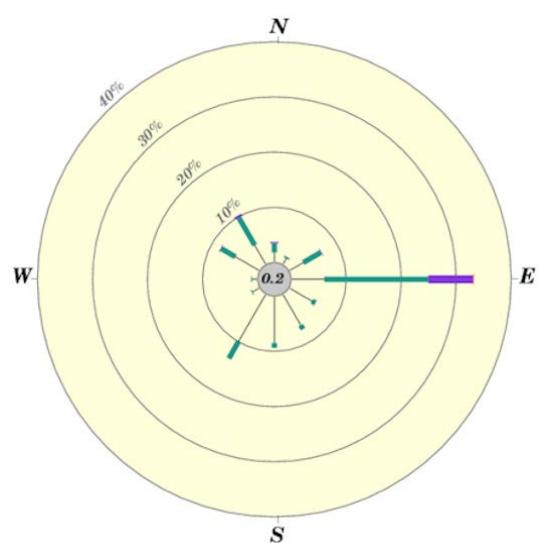
自動氣象浮標 1 號(香港國際機場西面)
Automatic Weather Buoy No.1
(Hong Kong International Airport, West)



濕地公園 Wetland Park



坪洲 Peng Chau



南丫島 Lamma Island

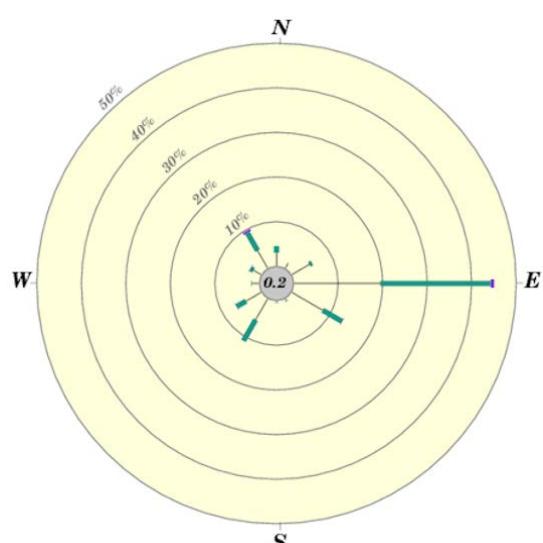
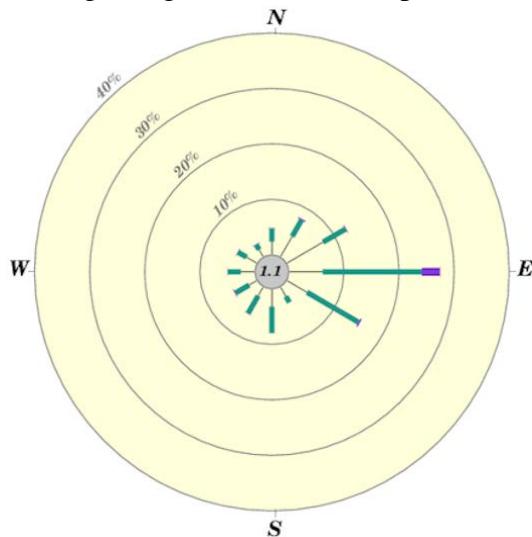


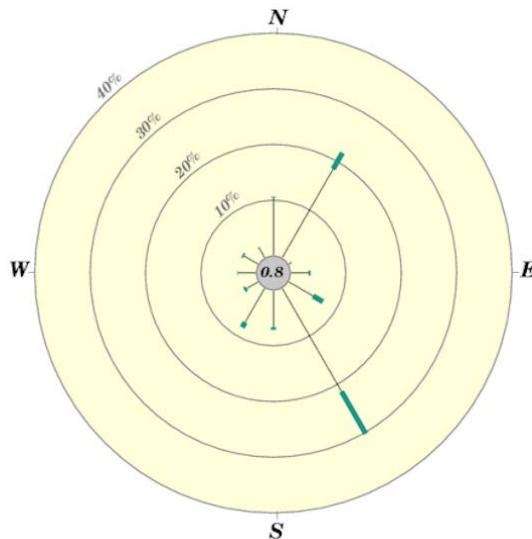
圖 8 (續) 自動氣象站於二零一九年的年風玫瑰圖

Figure 8 (cont'd) Annual wind roses for automatic weather stations in 2019

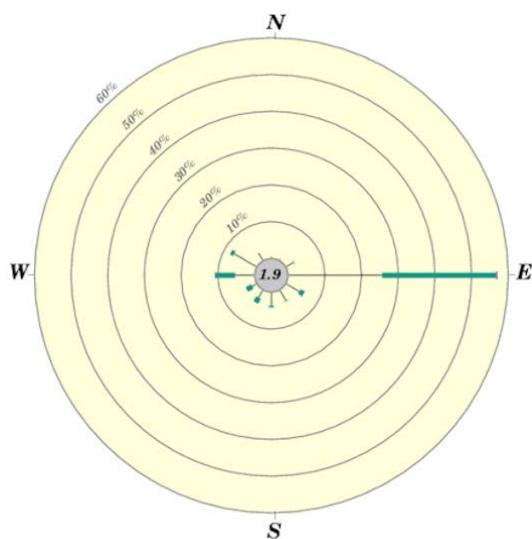
自動氣象浮標 4 號(香港國際機場東面)
 Automatic Weather Buoy No.4
 (Hong Kong International Airport, East)



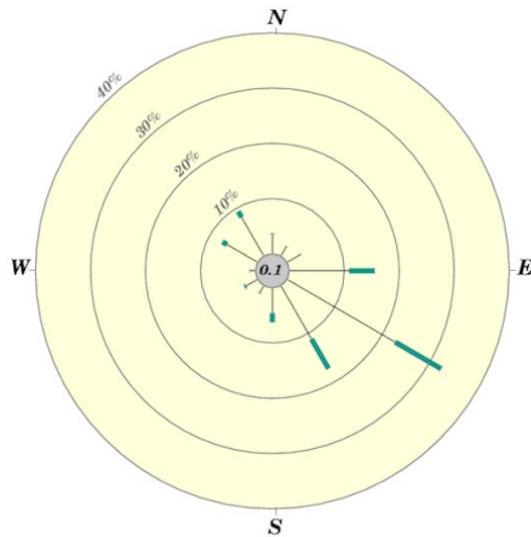
屯門政府合署
 Tuen Mun Government Office



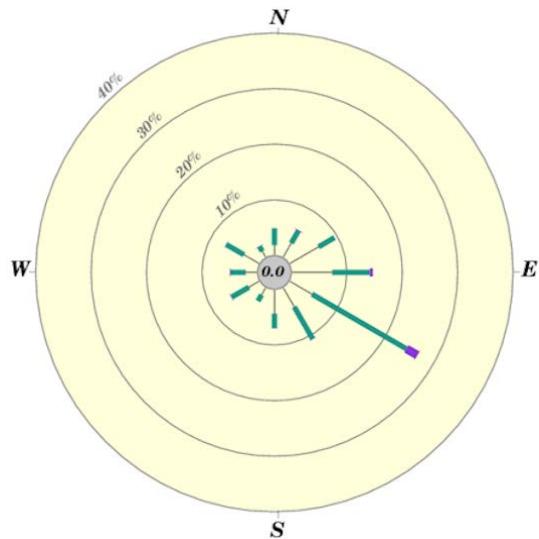
九龍天星碼頭 Star Ferry, Kowloon



青衣蜆殼油庫 Shell Oil Depot



大磨刀 Tai Mo To



小蠔灣 Siu Ho Wan

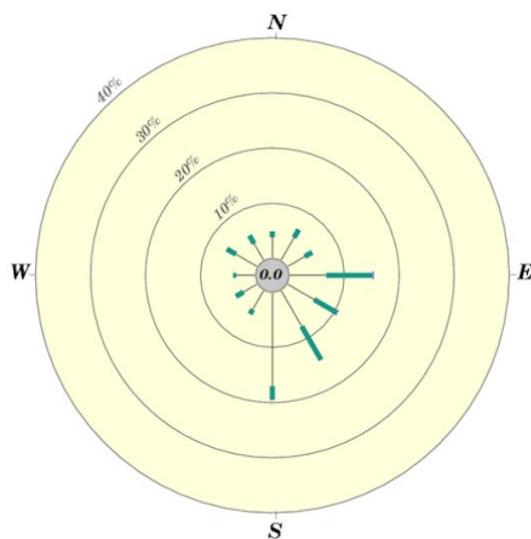


圖 8 (續) 自動氣象站於二零一九年的年風玫瑰圖

Figure 8 (cont'd) Annual wind roses for automatic weather stations in 2019

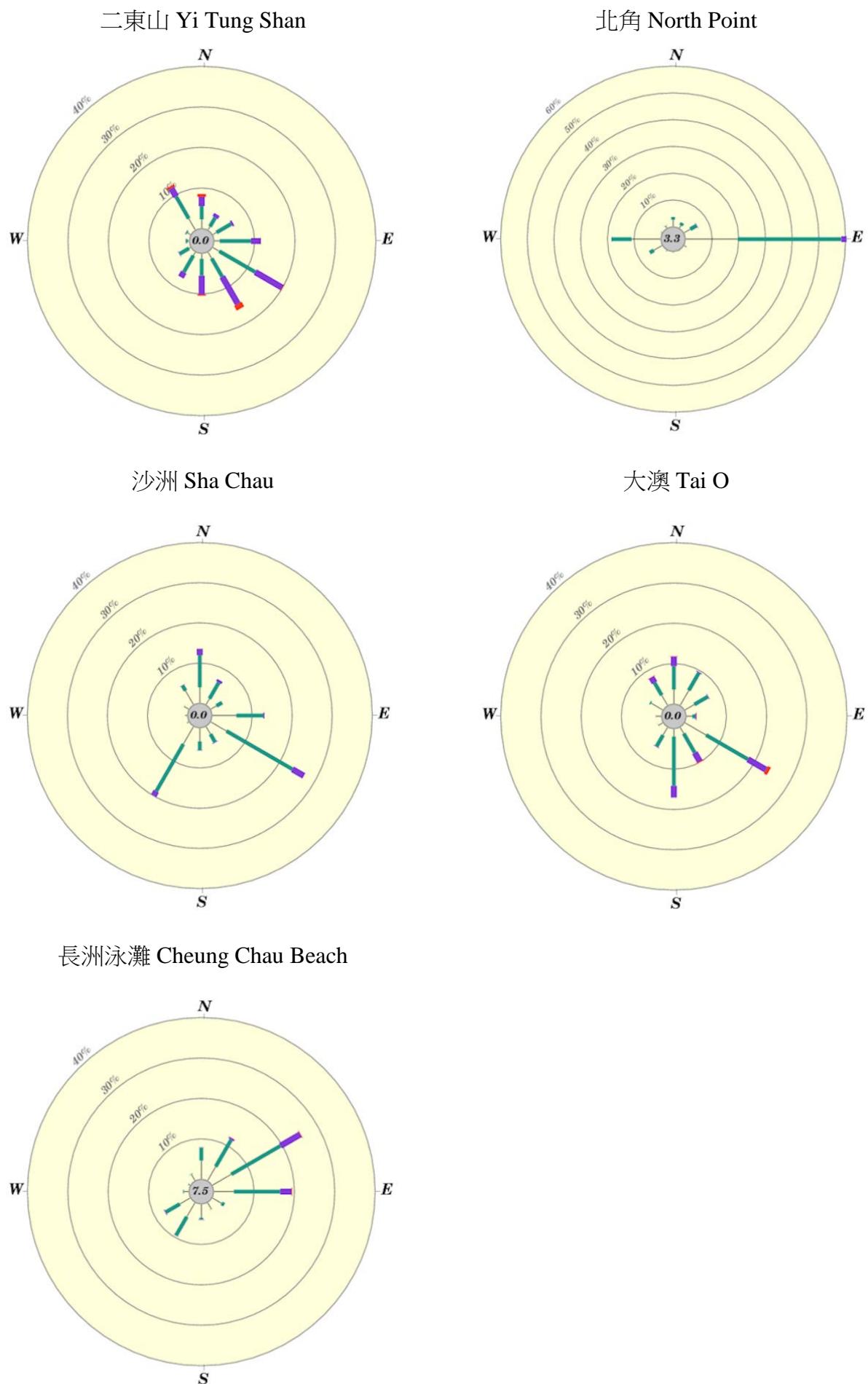


圖 8 (續) 自動氣象站於二零一九年的年風玫瑰圖

Figure 8 (cont'd) Annual wind roses for automatic weather stations in 2019

圖9 天文台於二零一九年每月的平均氣溫

Figure 9 Monthly Mean Temperature at the Hong Kong Observatory in 2019

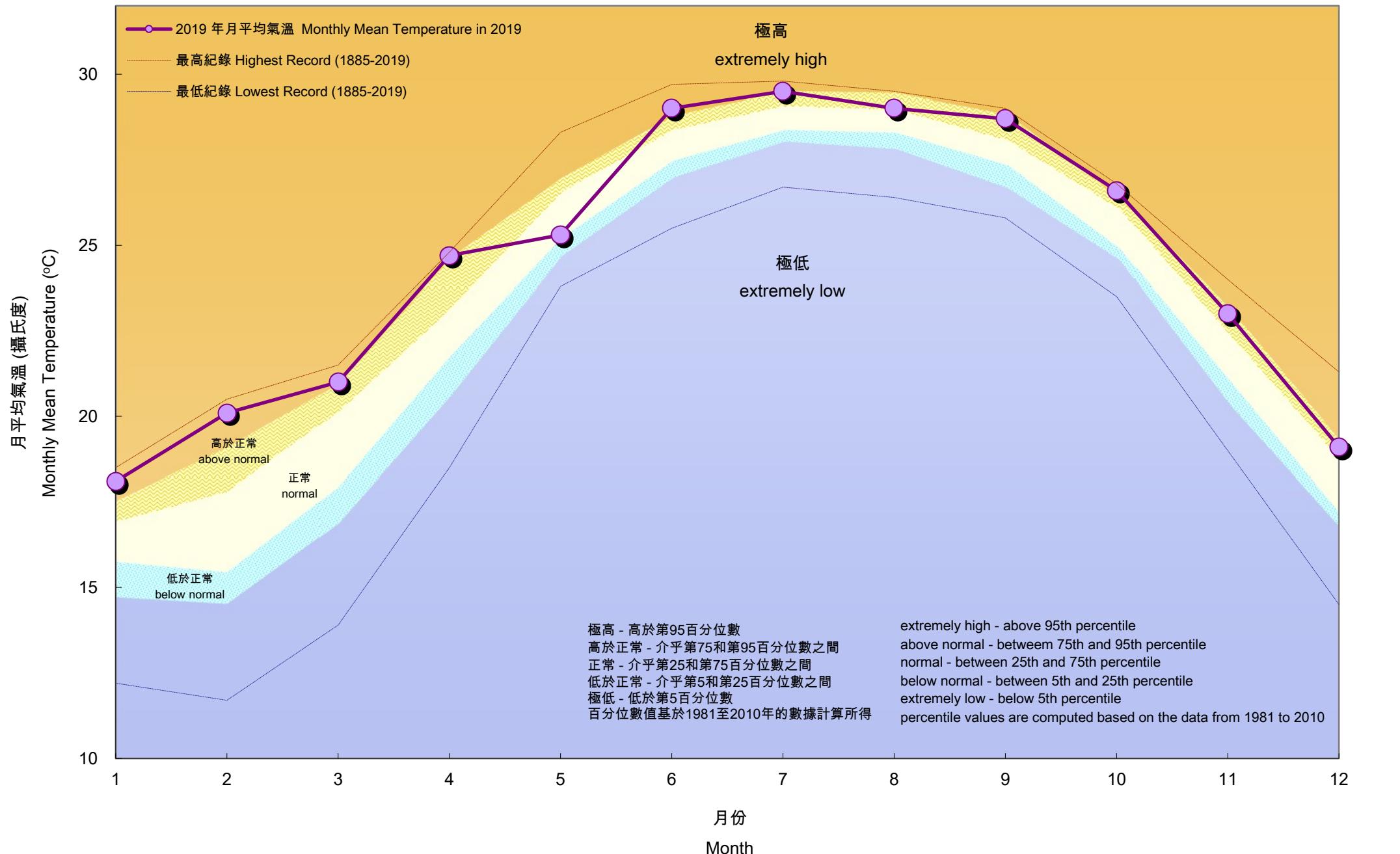
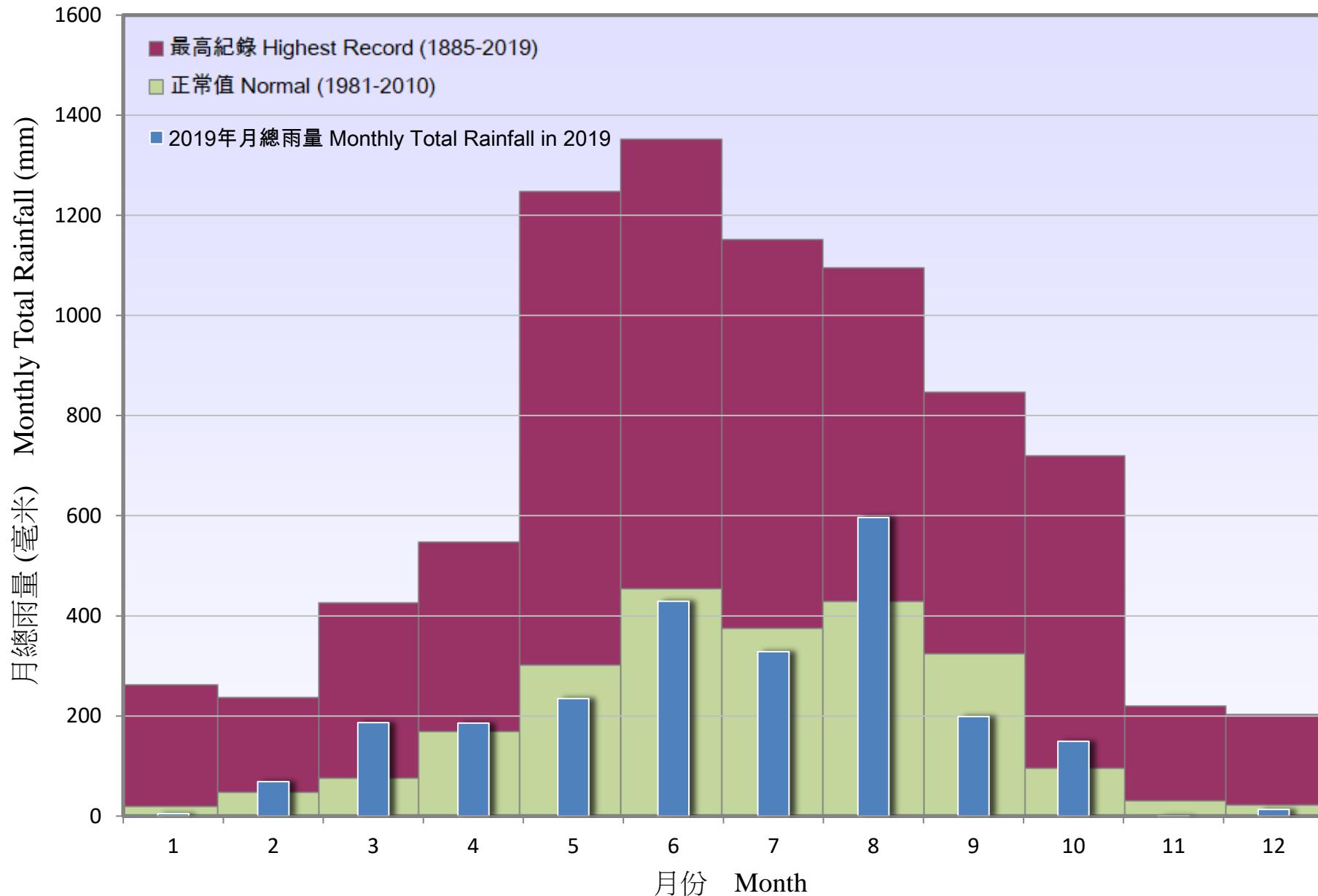


圖 10 天文台於二零一九年每月的總雨量

Figure 10 Monthly Total Rainfall at the Hong Kong Observatory in 2019



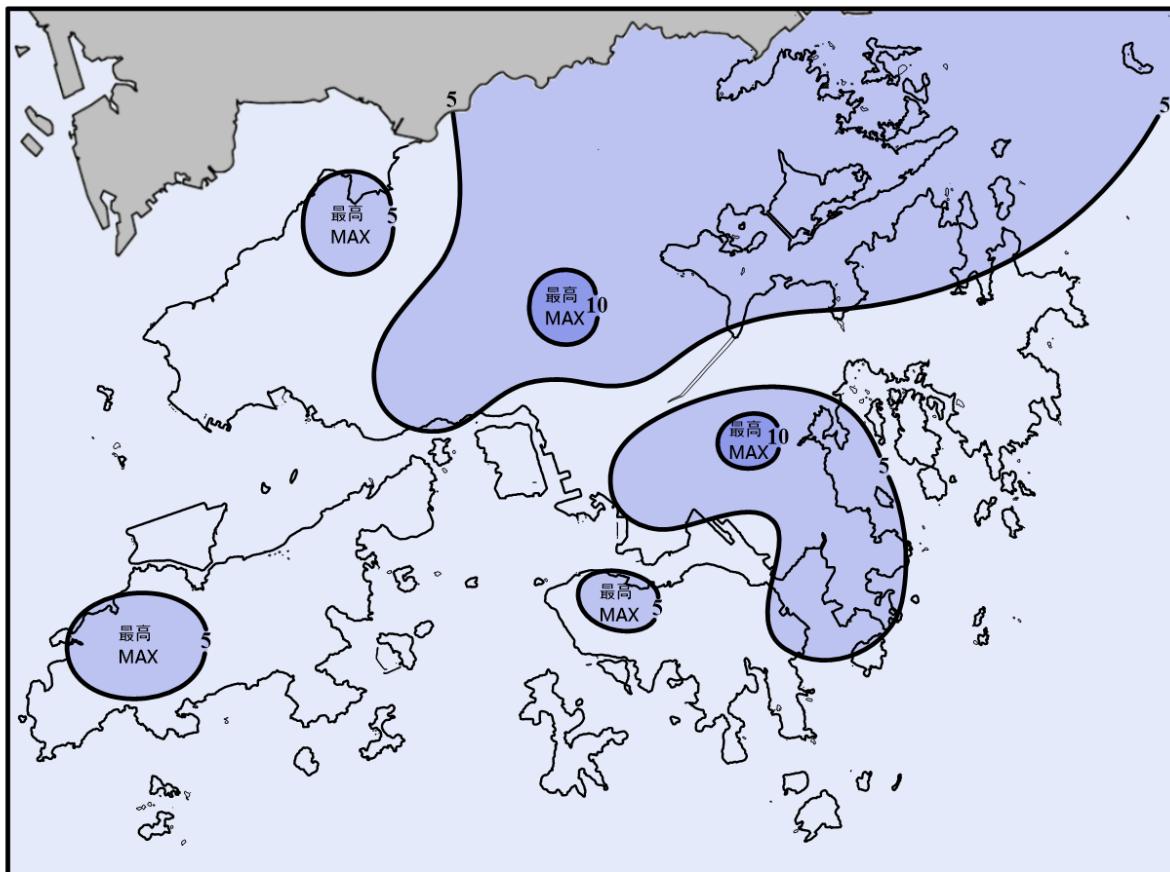


圖 11 二零一九年一月的雨量圖 (等雨量線單位為毫米)
Figure 11 Rainfall Map for January 2019 (isohyets are in millimetres)

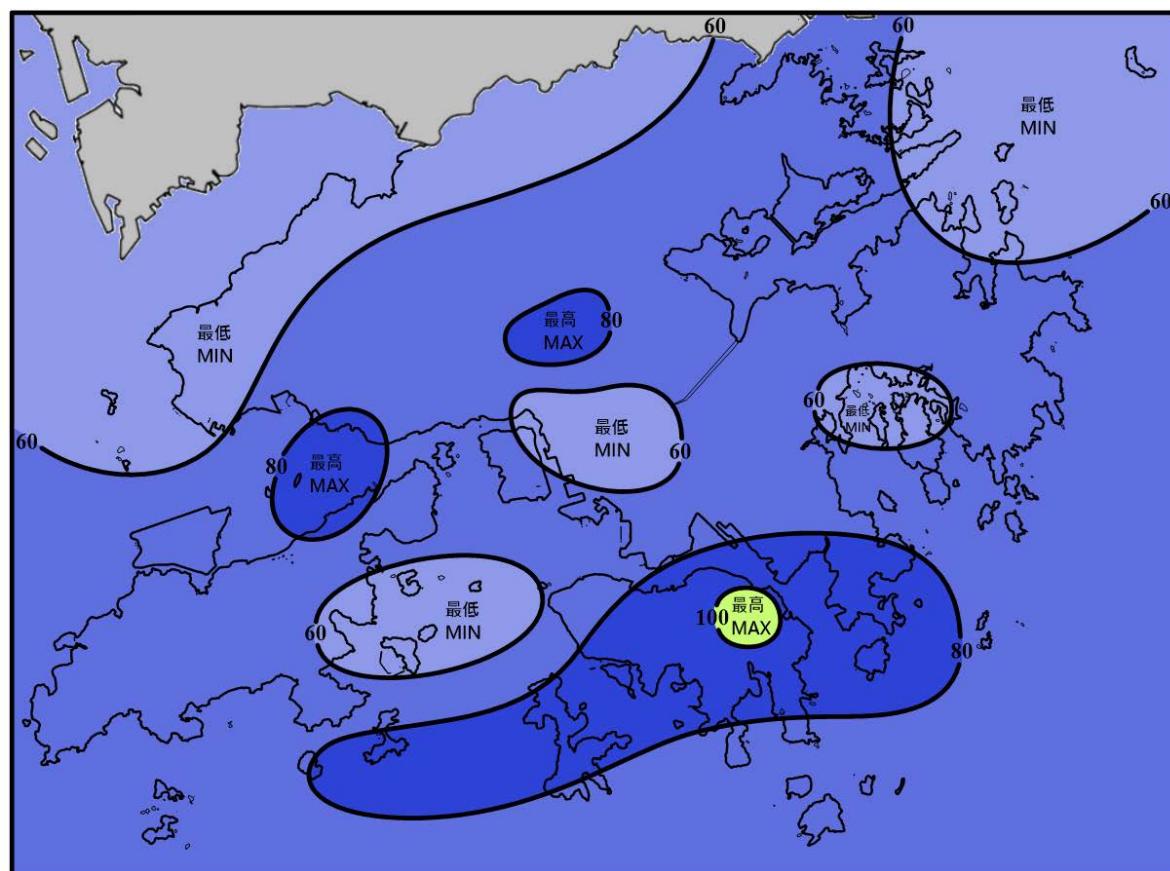


圖 11 (續) 二零一九年二月的雨量圖 (等雨量線單位為毫米)
Figure 11 (cont'd) Rainfall Map for February 2019 (isohyets are in millimetres)

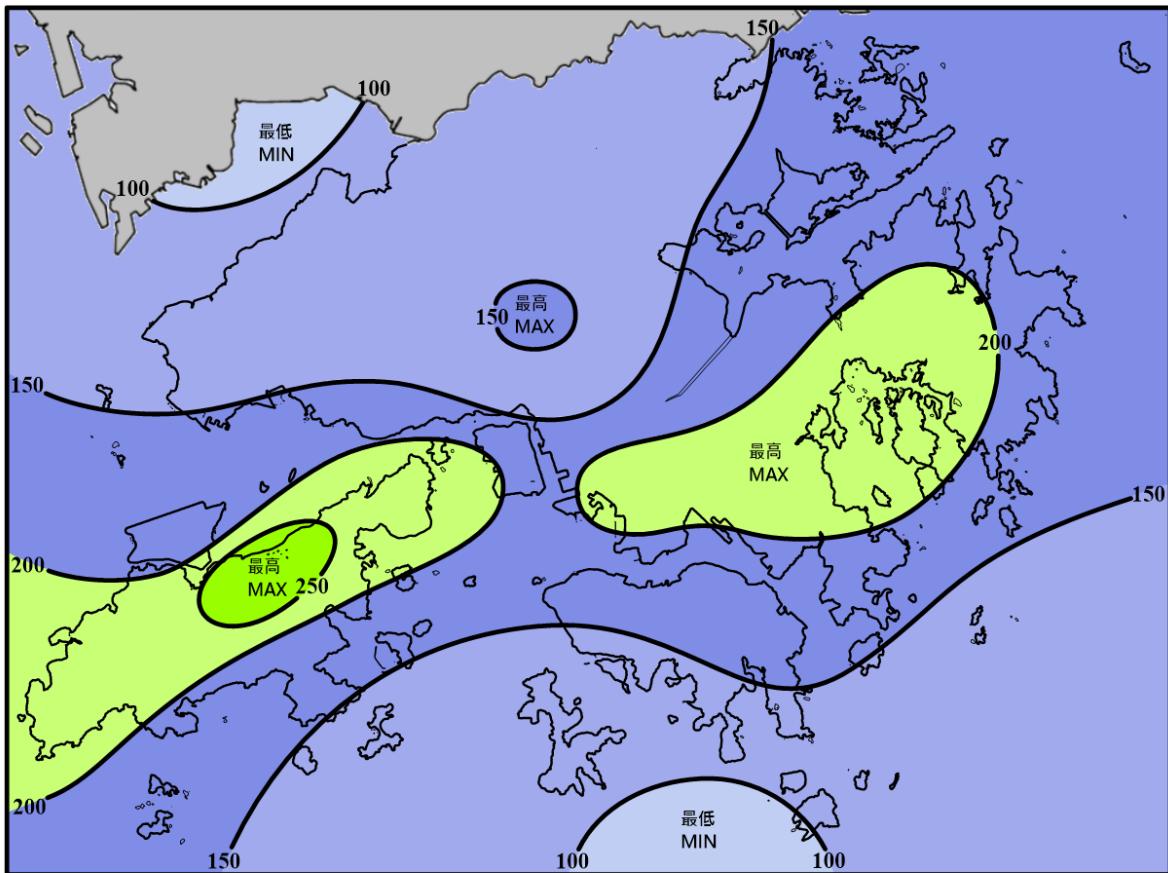


圖 11 (續) 二零一九年三月的雨量圖 (等雨量線單位為毫米)
Figure 11 (cont'd) Rainfall Map for March 2019 (isohyets are in millimetres)

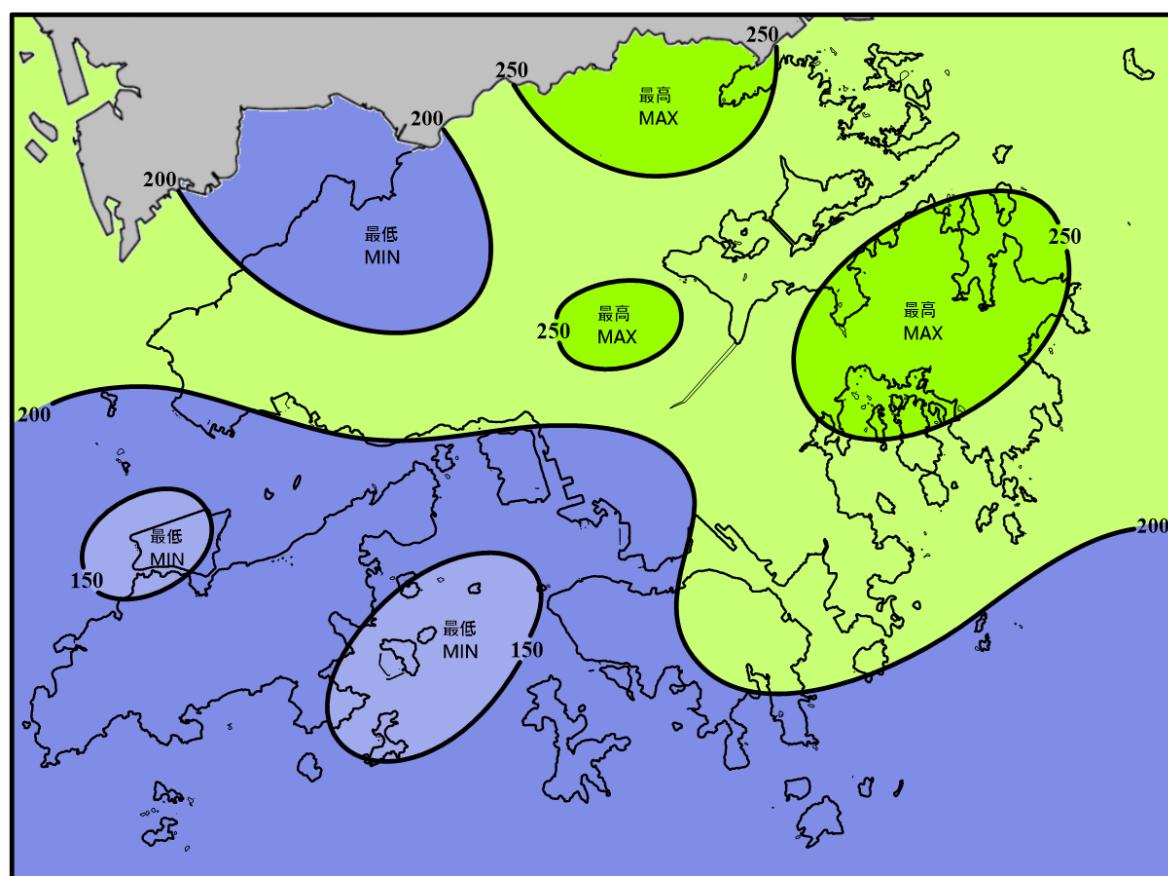


圖 11 (續) 二零一九年四月的雨量圖 (等雨量線單位為毫米)
Figure 11 (cont'd) Rainfall Map for April 2019 (isohyets are in millimetres)

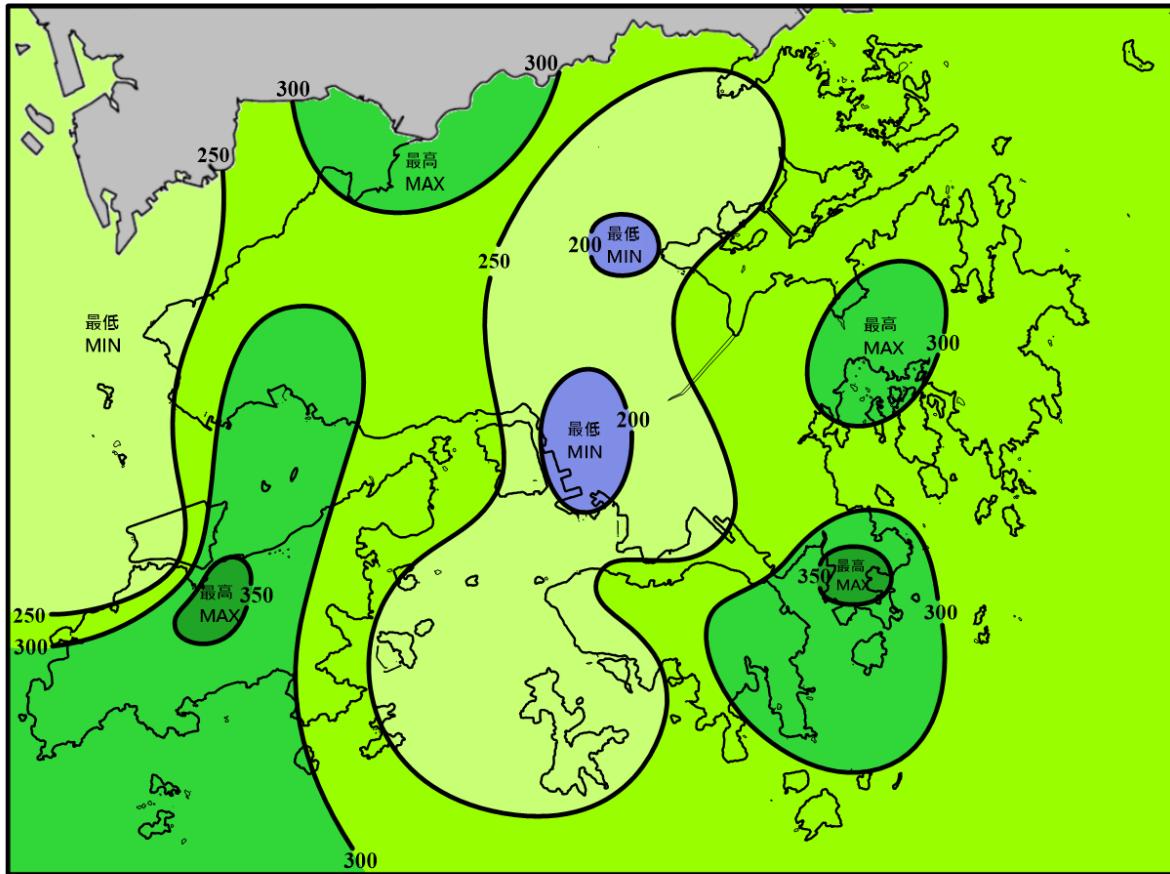


圖 11 (續) 二零一九年五月的雨量圖 (等雨量線單位為毫米)
Figure 11 (cont'd) Rainfall Map for May 2019 (isohyets are in millimetres)

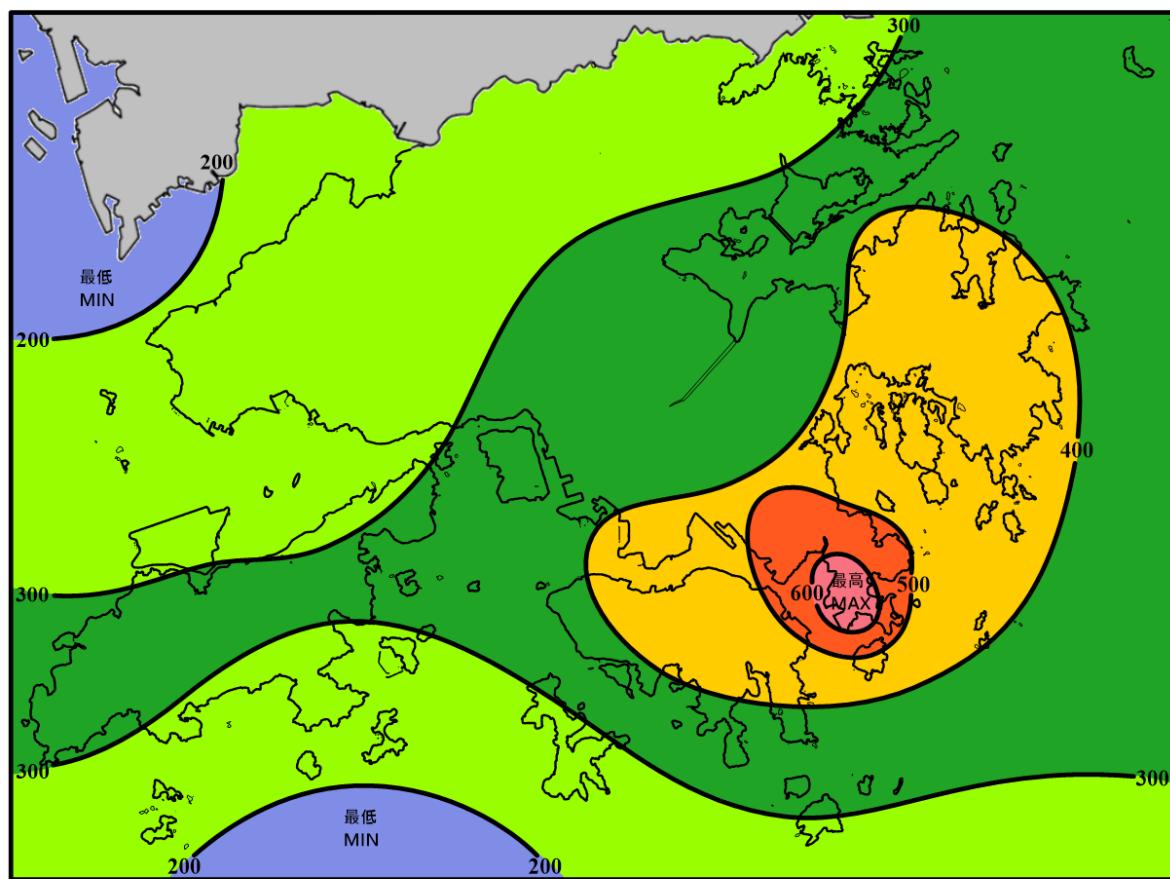


圖 11 (續) 二零一九年六月的雨量圖 (等雨量線單位為毫米)
Figure 11 (cont'd) Rainfall Map for June 2019 (isohyets are in millimetres)

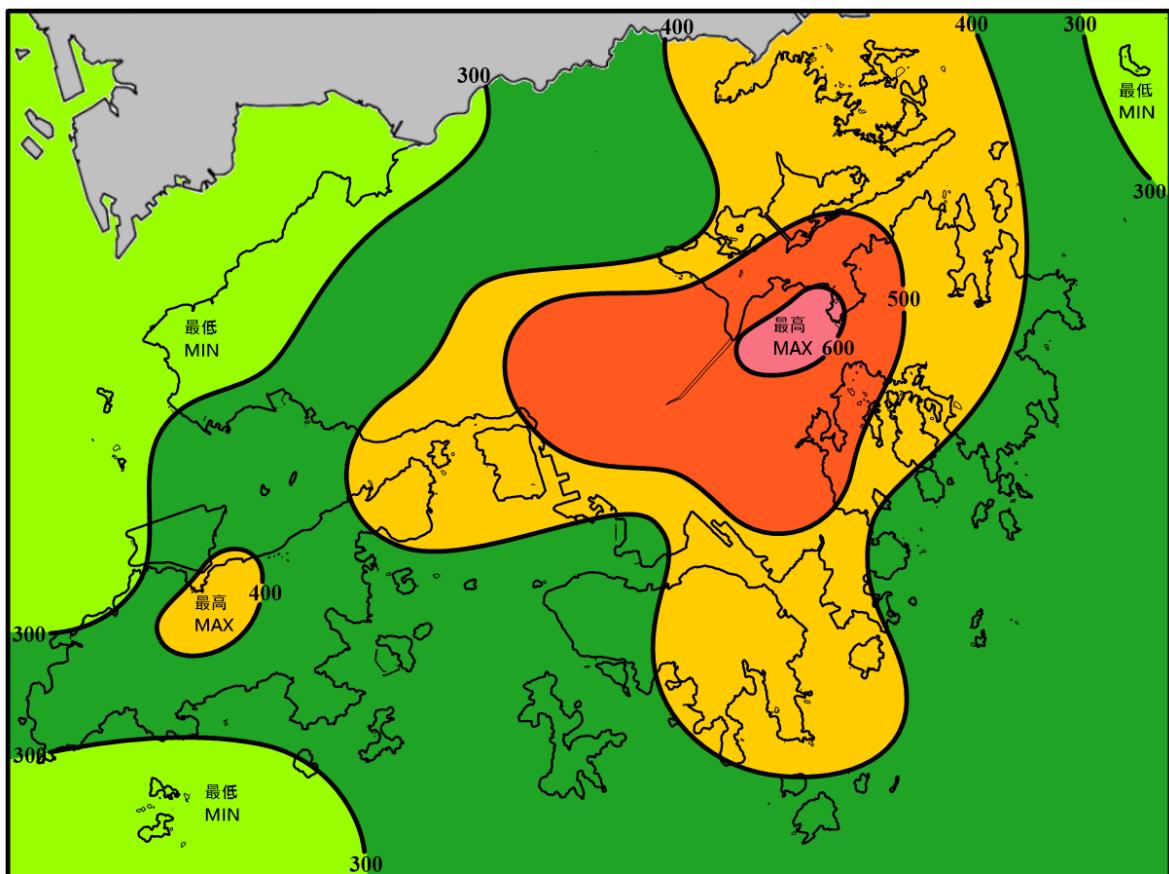


圖 11 (續) 二零一九年七月的雨量圖 (等雨量線單位為毫米)
Figure 11 (cont'd) Rainfall Map for July 2019 (isohyets are in millimetres)

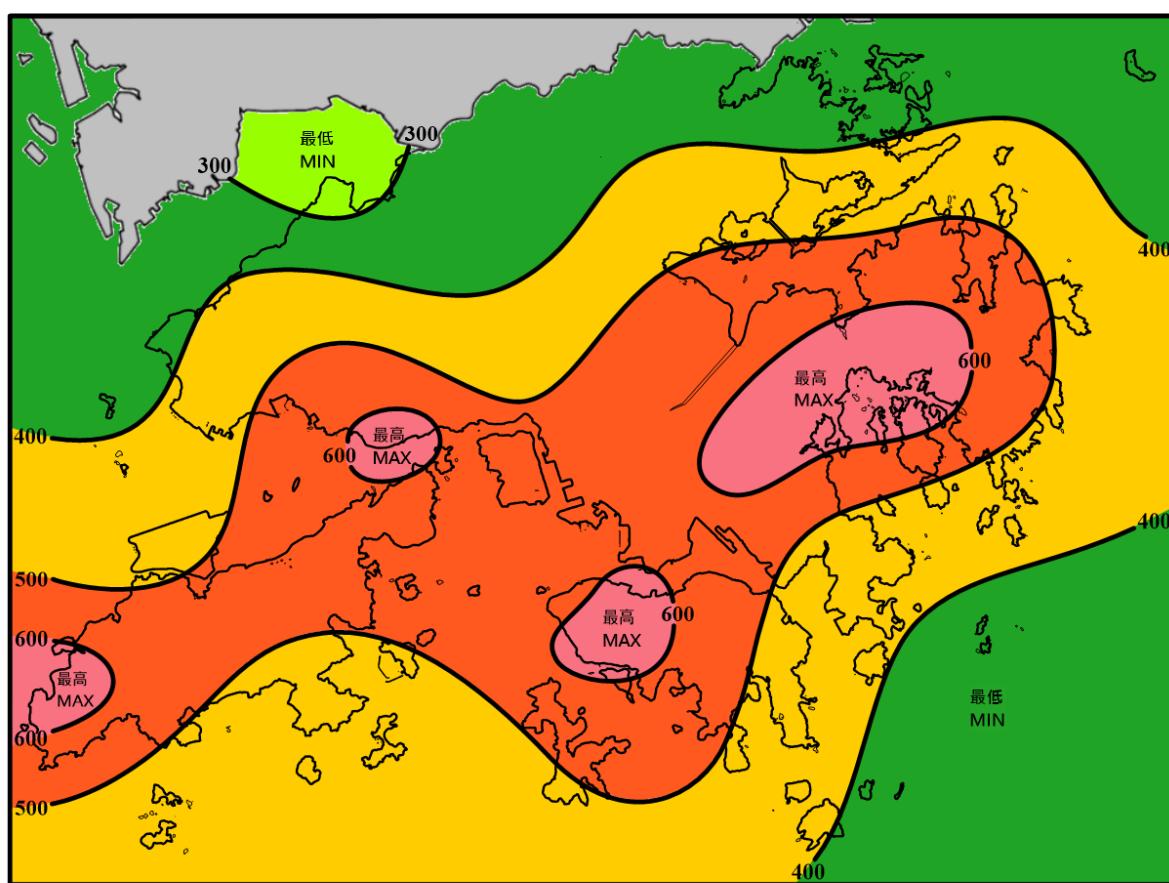


圖 11 (續) 二零一九年八月的雨量圖 (等雨量線單位為毫米)
Figure 11 (cont'd) Rainfall Map for August 2019 (isohyets are in millimetres)

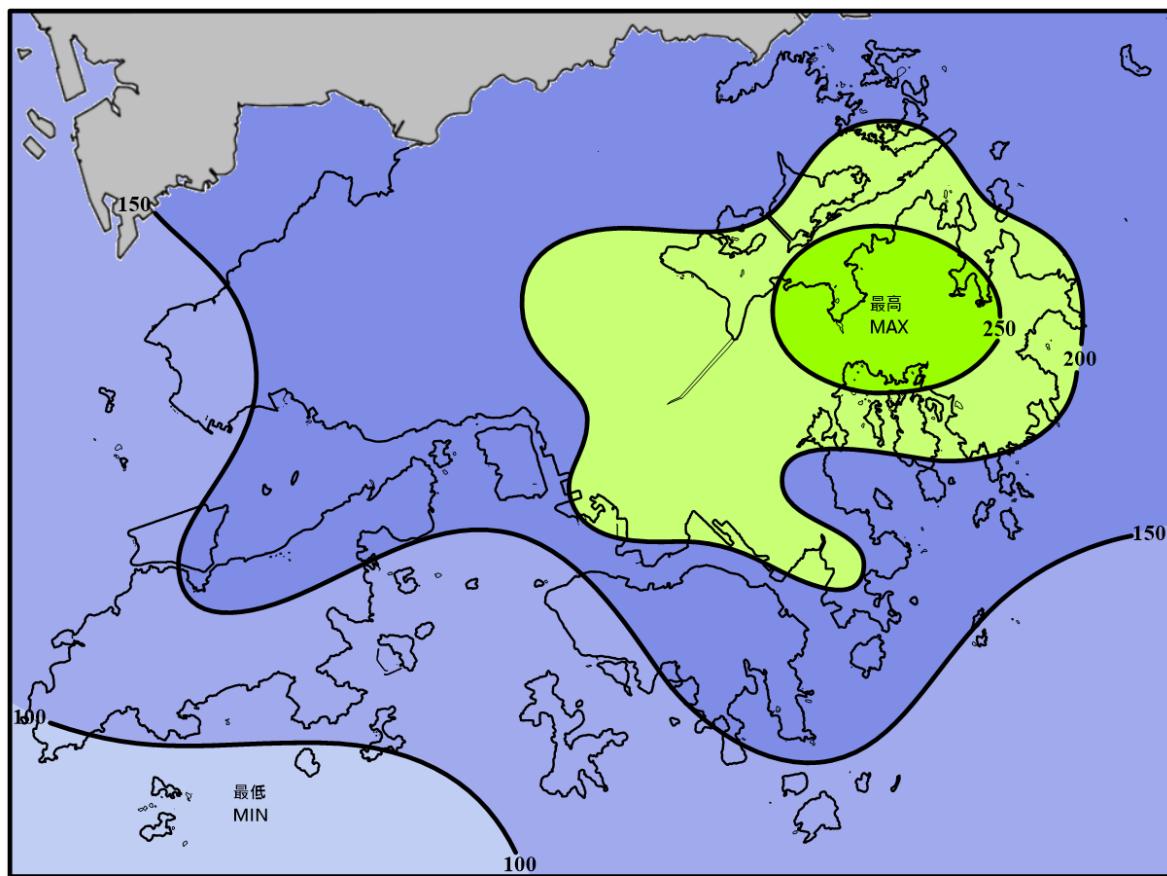


圖 11 (續) 二零一九年九月的雨量圖 (等雨量線單位為毫米)
 Figure 11 (cont'd) Rainfall Map for September 2019 (isohyets are in millimetres)

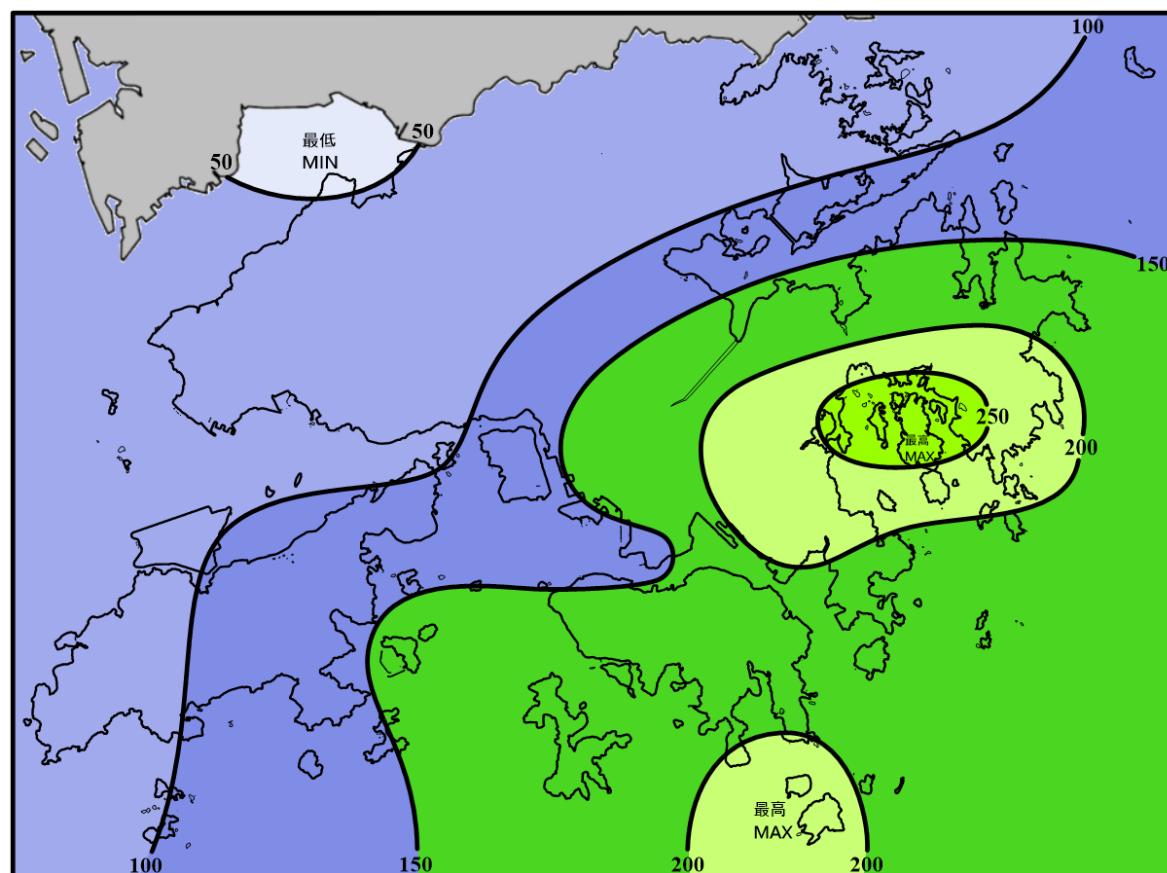


圖 11 (續) 二零一九年十月的雨量圖 (等雨量線單位為毫米)
 Figure 11 (cont'd) Rainfall Map for October 2019 (isohyets are in millimetres)

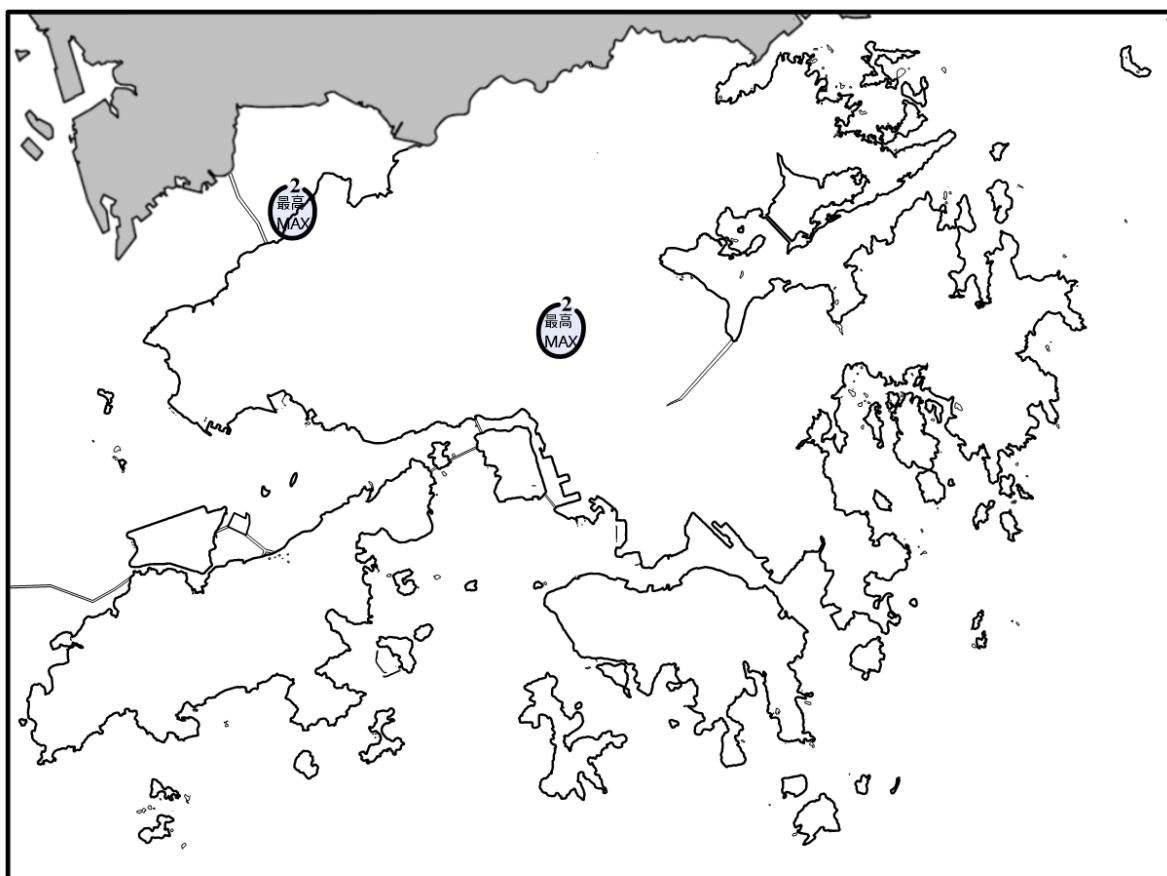


圖 11 (續) 二零一九年十一月的雨量圖 (等雨量線單位為毫米)
Figure 11 (cont'd) Rainfall Map for November 2019 (isohyets are in millimetres)

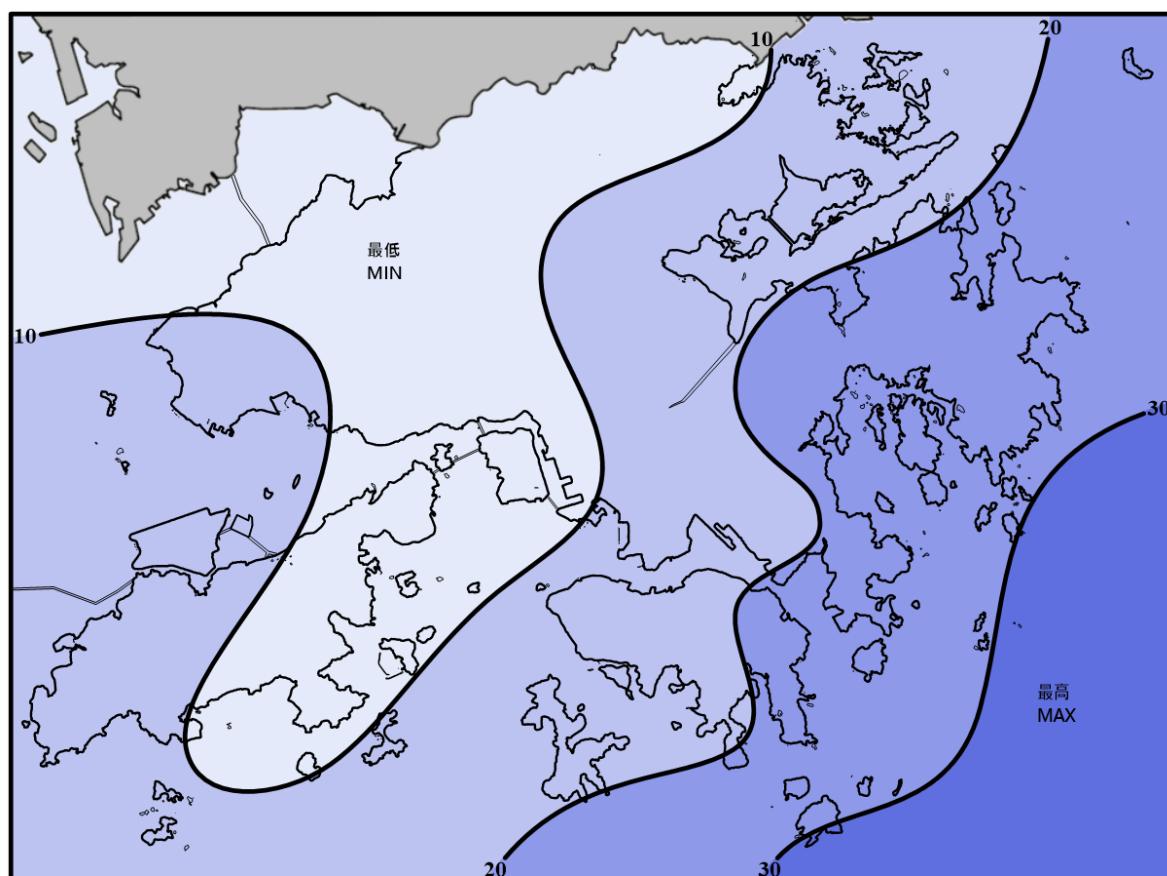


圖 11 (續) 二零一九年十二月的雨量圖 (等雨量線單位為毫米)
Figure 11 (cont'd) Rainfall Map for December 2019 (isohyets are in millimetres)

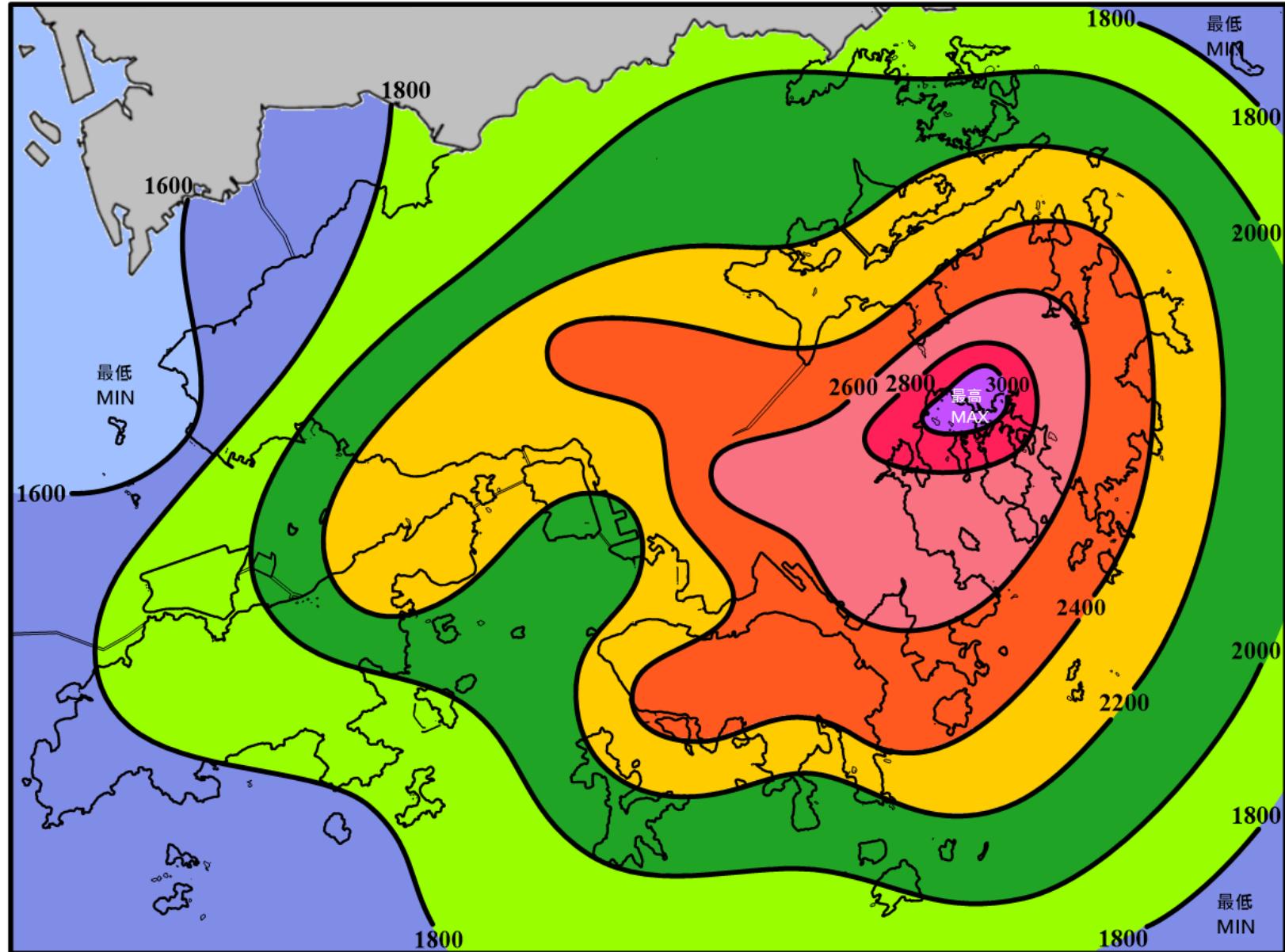


圖 12 二零一九年全年雨量分布圖（等雨量線單位為毫米）

Figure 12 Annual rainfall map for 2019 (isohyets are in millimetres)

1961-1990，1971-2000 及 1981-2010 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/cis/climat_c.htm)。

The normal values of 1961-1990, 1971-2000 and 1981-2010 are available at the webpage of Climatological Information Services of the Hong Kong Observatory (http://www.hko.gov.hk/cis/climat_e.htm).

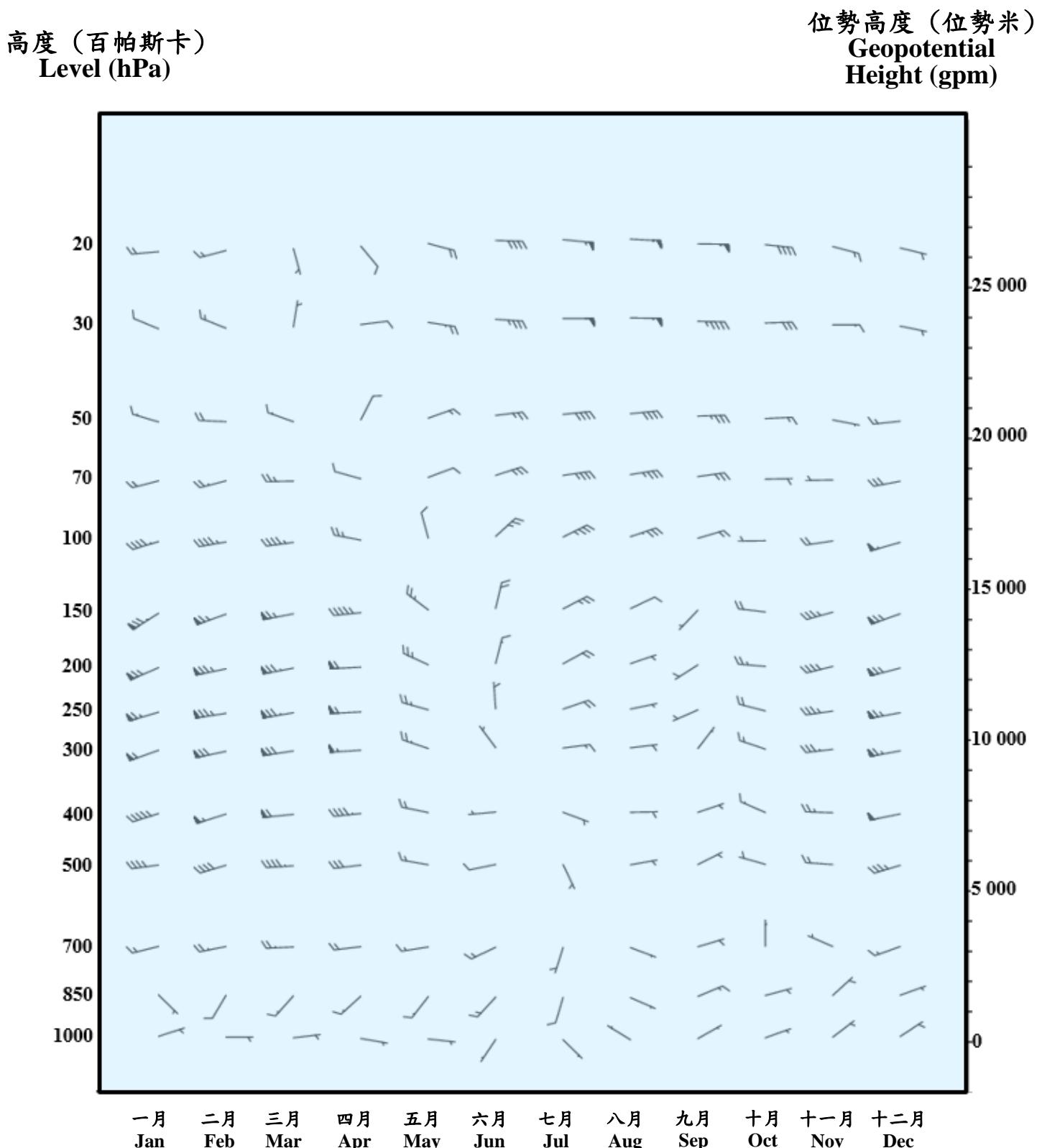


圖 13 各標準層於二零一九年協調世界時零時的月平均矢量風
Figure 13 Monthly Vector Mean Wind at Standard Levels at 00 UTC in 2019

1981-2010 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/cis/climat_c.htm)。
The normal values of 1981-2010 are available at the webpage of Climatological Information Services of the Hong Kong Observatory (http://www.hko.gov.hk/cis/climat_e.htm).

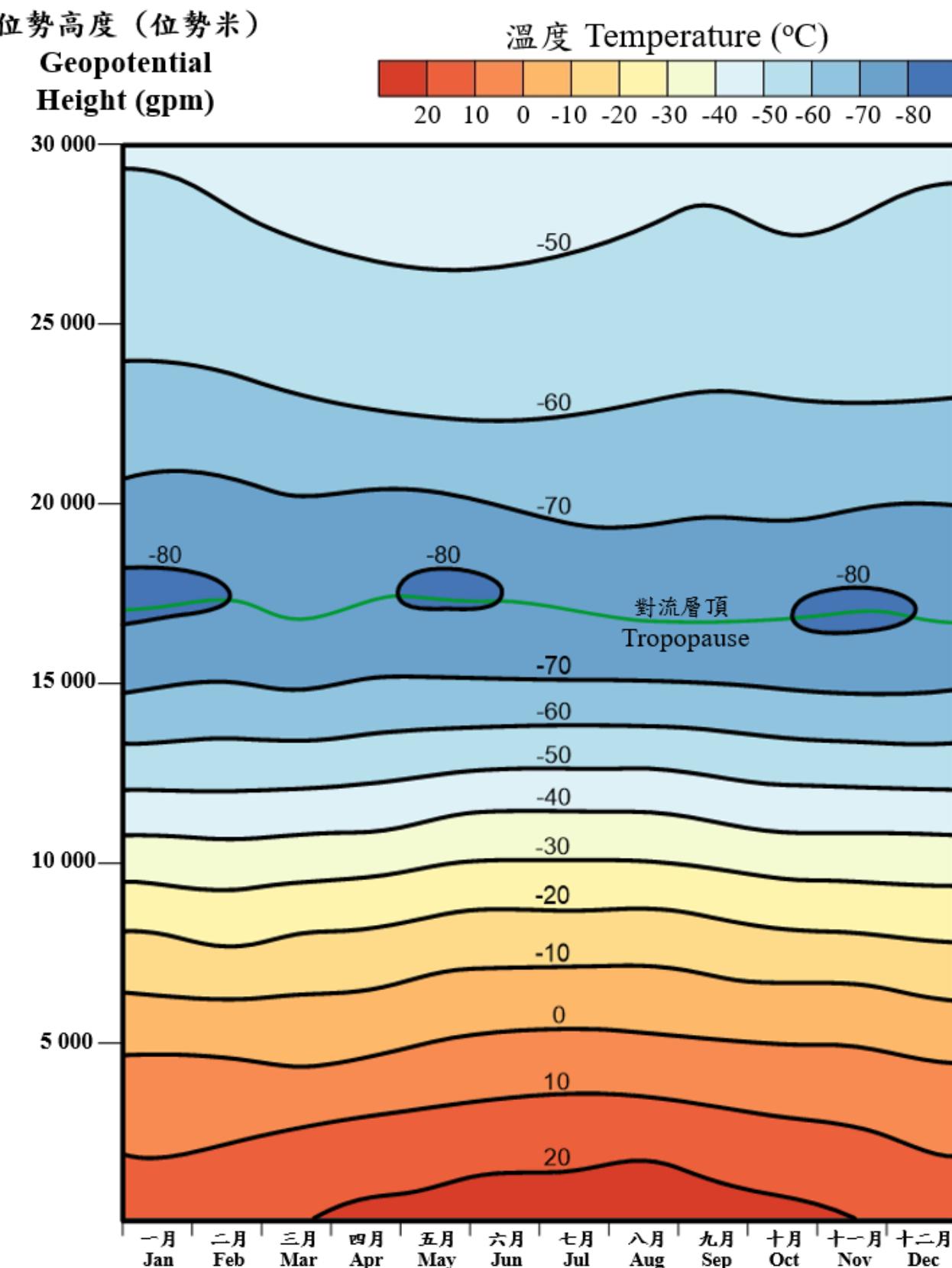


圖 14 各位勢高度於二零一九年協調世界時零時的月平均溫度
Figure 14 Monthly Mean Temperature at Different Geopotential Heights at 00 UTC in 2019

1981-2010 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/cis/climat_c.htm)。
The normal values of 1981-2010 are available at the webpage of Climatological Information Services of the Hong Kong Observatory (http://www.hko.gov.hk/cis/climat_e.htm).

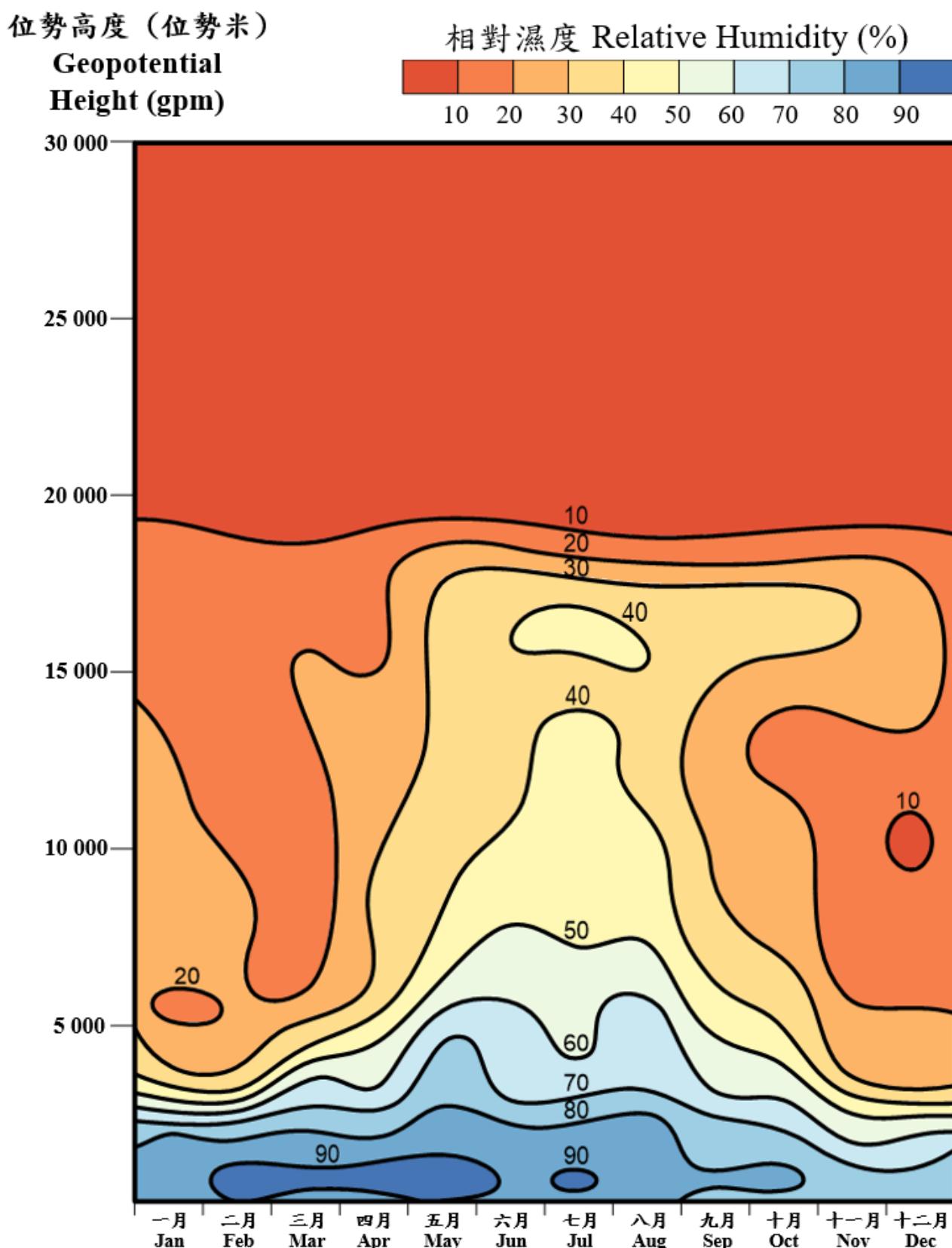


圖 15 各位勢高度於二零一九年協調世界時零時的月平均相對濕度
Figure 15 Monthly Mean Relative Humidity at Different Geopotential Heights at 00 UTC in 2019

1981-2010 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/cis/climat_c.htm)。
The normal values of 1981-2010 are available at the webpage of Climatological Information Services of the Hong Kong Observatory (http://www.hko.gov.hk/cis/climat_e.htm).

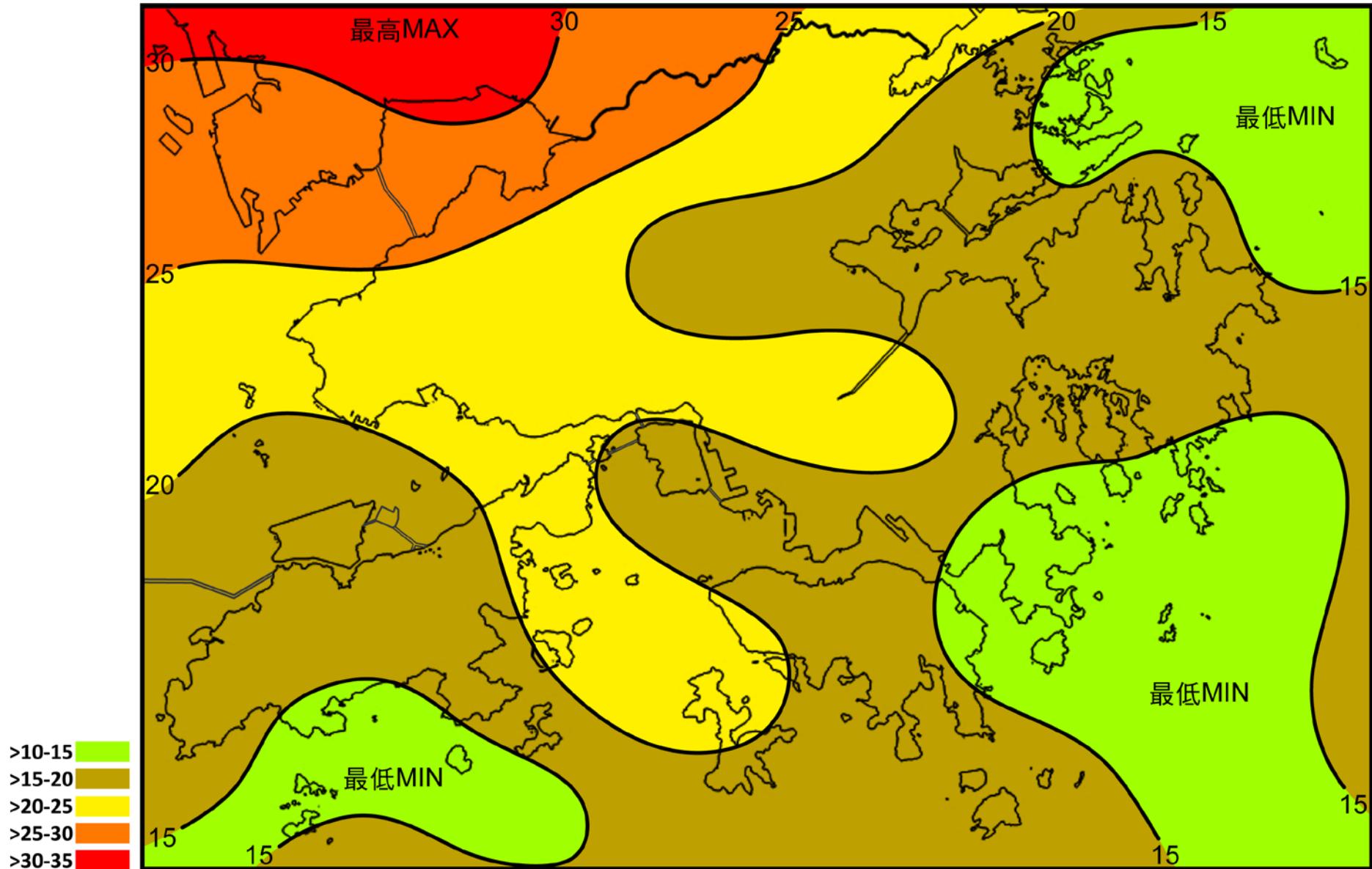


圖 16 二零一九年全年雲對地閃電密度圖 (等值線單位為每年每平方公里閃電次數)

Figure 16 Annual Cloud-to-Ground Lightning Density Map for 2019 (isopleths in number of lightning strokes per km^2 per year)

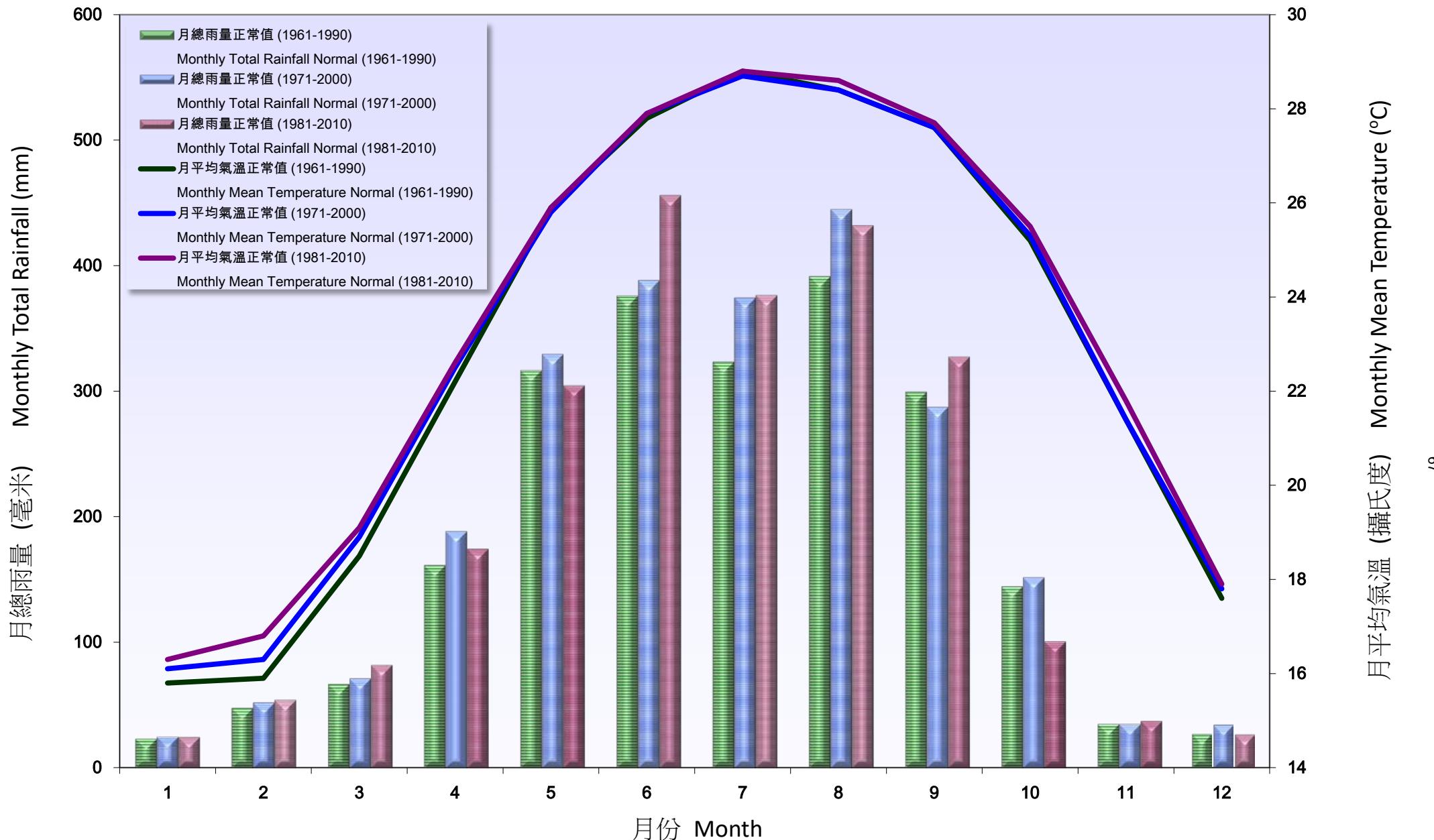


圖 17 天文台的月總雨量和月平均氣溫氣候正常值 (1961-1990, 1971-2000 及 1981-2010)

Figure 17 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 and 1981-2010

表 1
Table 1

天文台於二零一九年每日的平均海平面氣壓 (hPa)
Daily Mean Sea Level Pressure (hPa) at the Hong Kong Observatory in 2019

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	1026.5	1021.6	1016.1	1019.3	1009.1	1007.5	1001.6	1000.1	1006.5	1009.4	1015.7	1018.3
02	1025.4	1018.4	1012.7	1018.2	1012.1	1007.2	1001.4	1002.1	1007.0	1011.2	1014.6	1021.6
03	1024.3	1017.2	1011.3	1016.9	1014.5	1007.3	1004.0	1002.7	1005.6	1012.1	1013.9	1023.1
04	1022.8	1018.1	1013.7	1016.7	1013.2	1008.6	1006.3	1002.7	1004.0	1012.2	1014.5	1022.9
05	1020.5	1017.4	1012.1	1014.5	1009.4	1009.5	1004.9	1003.1	1003.1	1012.9	1013.4	1024.8
06	1021.5	1014.5	1013.2	1013.0	1008.7	1010.4	1003.5	1002.7	1002.5	1014.7	1012.0	1024.7
07	1021.4	1014.8	1015.8	1012.5	1010.2	1010.4	1004.7	1000.7	1003.6	1015.4	1013.7	1024.8
08	1021.3	1015.3	1016.0	1011.6	1009.3	1008.5	1005.6	998.5	1004.7	1015.6	1017.0	1024.8
09	1022.3	1017.9	1012.2	1011.1	1008.1	1005.4	1003.4	997.2	1005.8	1014.7	1017.6	1021.8
10	1020.2	1021.7	1013.6	1010.9	1010.0	1003.5	1003.5	999.0	1008.9	1013.5	1016.1	1018.6
11	1018.6	1024.3	1014.9	1010.0	1011.5	1004.4	1007.5	1000.7	1011.3	1011.8	1014.7	1018.4
12	1018.3	1024.2	1016.4	1013.3	1011.2	1005.3	1007.4	1001.6	1009.9	1011.8	1016.4	1020.9
13	1019.3	1021.8	1017.8	1014.3	1010.5	1003.0	1005.4	1001.7	1008.4	1014.6	1018.3	1022.4
14	1018.8	1020.6	1018.3	1013.8	1009.2	1002.4	1004.0	1002.0	1008.4	1017.6	1018.9	1021.7
15	1018.8	1019.9	1020.6	1014.4	1009.1	1005.3	1004.8	1001.9	1008.2	1019.0	1016.9	1020.0
16	1020.5	1017.9	1020.0	1012.6	1007.4	1006.5	1004.7	1003.4	1007.7	1018.3	1015.7	1018.1
17	1022.2	1017.8	1018.9	1012.2	1005.5	1007.3	1001.4	1005.6	1009.0	1017.2	1015.0	1017.7
18	1022.1	1015.4	1016.8	1010.0	1005.2	1008.1	998.7	1005.1	1010.9	1016.9	1015.7	1018.1
19	1019.6	1016.8	1014.8	1007.7	1006.9	1007.8	1001.2	1003.9	1011.3	1017.2	1018.4	1019.8
20	1018.9	1018.5	1013.0	1007.2	1008.0	1006.9	1005.2	1004.8	1008.7	1016.5	1019.5	1019.6
21	1021.8	1017.4	1011.4	1008.0	1010.8	1005.9	1006.4	1005.9	1008.0	1014.0	1018.9	1017.8
22	1022.3	1017.2	1012.0	1009.3	1010.1	1004.7	1005.5	1006.6	1012.2	1012.2	1017.1	1015.8
23	1021.0	1015.8	1017.1	1010.4	1010.2	1004.8	1005.3	1006.7	1016.2	1012.2	1016.9	1016.7
24	1020.6	1016.9	1018.0	1009.9	1011.0	1006.2	1006.6	1002.3	1017.5	1014.9	1017.5	1017.9
25	1021.2	1017.5	1016.8	1009.3	1008.8	1006.7	1008.0	1000.8	1017.3	1016.7	1019.6	1016.4
26	1023.1	1017.6	1018.5	1010.4	1007.8	1004.0	1006.9	1006.3	1017.2	1017.0	1020.7	1016.3
27	1023.6	1015.5	1017.1	1012.8	1008.1	1001.7	1005.8	1008.1	1016.6	1015.3	1020.0	1020.3
28	1021.6	1014.7	1012.6	1013.2	1008.7	1001.7	1006.6	1006.2	1015.0	1014.7	1021.9	1020.2
29	1021.4		1010.5	1010.9	1009.9	1001.6	1006.6	1005.6	1012.8	1015.7	1022.3	1018.3
30	1020.8		1013.3	1008.0	1010.1	1001.6	1004.5	1007.6	1008.8	1016.7	1020.4	1020.0
31	1018.9		1016.8		1008.7		1002.0	1007.8		1016.2		1024.9
平均 Mean	1021.3	1018.1	1015.2	1012.1	1009.5	1005.8	1004.6	1003.3	1009.6	1014.8	1017.1	1020.2
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

表 2
Daily Mean Temperature (°C) at the Hong Kong Observatory in 2019

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	13.8	18.8	20.8	20.3	25.4	27.2	30.0	26.4	28.2	30.3	25.7	21.5
02	14.8	18.6	21.5	20.7	23.0	27.2	28.9	27.0	26.9	29.5	25.3	17.4
03	16.2	21.8	21.5	22.8	21.8	27.5	26.6	26.7	28.4	29.0	25.7	16.4
04	18.8	21.7	20.9	21.7	22.6	28.0	29.1	27.9	26.8	28.6	25.0	17.5
05	19.8	20.1	22.2	24.0	21.7	29.4	29.5	29.7	27.2	29.1	23.9	15.3
06	18.6	22.1	20.5	25.1	21.8	30.2	29.8	29.8	28.9	26.3	23.8	16.5
07	18.5	23.0	17.9	25.7	20.5	30.1	29.7	30.1	29.8	26.3	23.8	16.2
08	19.2	21.7	16.5	26.7	20.4	30.1	30.1	30.4	30.0	27.7	23.3	15.9
09	17.8	19.3	17.8	26.6	22.7	30.1	30.0	31.3	30.0	27.8	22.7	17.4
10	19.2	18.0	17.7	27.1	23.9	29.5	28.6	30.6	30.1	27.9	22.7	18.4
11	20.6	18.4	18.4	27.3	25.3	27.5	28.8	30.4	30.2	28.5	23.1	19.1
12	20.9	19.0	20.1	22.3	25.5	27.5	29.9	30.8	30.3	28.6	23.3	19.1
13	18.5	21.1	20.8	21.2	25.1	27.7	30.1	30.8	30.1	27.2	24.1	19.2
14	18.5	20.4	20.4	22.7	27.5	28.4	30.1	30.0	29.8	25.8	23.0	19.5
15	19.0	20.4	18.7	22.1	28.5	28.6	30.4	30.0	29.2	26.0	22.8	19.5
16	17.3	22.4	20.2	21.2	29.2	27.9	30.3	30.0	29.3	25.5	22.5	21.3
17	16.7	18.8	20.9	23.5	29.6	27.6	30.5	28.0	29.2	26.2	23.4	23.2
18	17.1	17.9	21.7	24.0	30.0	28.6	31.3	27.8	28.8	26.5	24.3	22.8
19	18.8	20.3	23.4	23.7	30.2	28.9	29.5	28.8	28.0	26.2	20.5	19.8
20	20.4	22.6	23.5	23.3	29.1	30.1	28.6	29.1	29.0	25.4	21.1	19.1
21	17.8	21.4	25.3	26.2	25.0	30.8	29.3	29.5	29.2	25.3	21.7	19.3
22	16.0	20.4	25.8	27.5	25.3	30.7	29.2	29.7	28.3	25.0	22.3	20.5
23	16.2	18.1	20.0	28.0	25.9	30.3	29.5	29.4	27.7	25.5	23.3	20.0
24	16.9	16.9	17.5	28.0	24.8	29.1	30.0	30.9	27.5	26.2	23.4	20.4
25	18.7	18.0	20.5	28.5	26.7	27.2	30.1	27.2	27.3	25.8	23.8	20.1
26	18.2	18.7	21.9	28.4	26.5	28.6	30.7	25.7	27.5	25.9	22.0	21.0
27	16.9	20.7	22.3	24.9	26.5	30.2	30.6	28.6	27.6	25.7	22.3	18.0
28	17.5	22.8	24.4	24.3	25.9	30.5	29.6	29.9	28.2	25.2	20.3	18.5
29	18.5		24.4	26.4	24.7	31.0	28.8	29.0	28.7	22.7	19.7	18.8
30	19.3		23.1	26.7	24.4	29.5	28.9	27.7	30.1	24.0	20.4	20.3
31	21.7		21.4		25.7		26.2	26.9		24.8		19.2
平均 Mean	18.1	20.1	21.0	24.7	25.3	29.0	29.5	29.0	28.7	26.6	23.0	19.1
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

表 3

天文台於二零一九年每日的最高氣溫 (°C)

Daily Maximum Temperature (°C) at the Hong Kong Observatory in 2019

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	15.9	22.0	22.4	21.6	27.1	30.6	33.2	27.6	31.0	33.2	29.3	25.5
02	16.4	20.7	23.9	23.0	24.4	31.2	31.1	28.5	28.1	32.1	28.2	20.3
03	17.3	25.3	23.5	25.7	24.0	30.2	28.7	27.5	30.9	31.8	28.8	20.1
04	20.9	25.5	22.6	23.8	23.6	31.1	32.3	30.2	28.3	31.3	28.6	20.1
05	22.7	22.3	26.7	27.4	22.3	32.6	32.0	34.5	29.3	32.3	27.4	18.3
06	20.0	24.9	22.0	28.1	22.8	33.0	31.6	32.2	32.4	29.1	26.5	19.5
07	20.0	25.8	20.5	28.0	21.4	33.2	31.4	33.6	33.3	28.3	26.9	19.1
08	20.7	25.1	17.4	29.9	21.2	32.4	32.3	33.5	33.0	30.4	26.8	19.5
09	18.7	20.1	18.7	28.9	26.3	32.3	31.7	35.1	33.3	29.8	26.0	21.7
10	20.8	18.8	18.5	30.1	26.7	31.7	30.2	33.2	33.3	30.3	26.7	21.9
11	23.3	19.4	22.6	29.9	28.9	29.4	30.9	32.7	33.3	31.1	26.8	24.0
12	22.8	21.9	24.2	25.2	28.9	29.6	32.3	34.0	33.5	31.5	25.2	21.4
13	19.8	25.1	22.9	22.3	26.3	30.7	32.2	33.3	33.0	30.8	26.8	22.0
14	19.7	23.2	21.5	24.4	31.1	31.6	32.3	33.4	32.3	28.9	25.9	23.3
15	21.1	22.4	20.0	23.1	30.9	31.4	33.7	32.4	32.2	29.7	25.7	20.5
16	19.9	26.0	22.8	23.6	31.5	30.1	33.4	32.0	32.3	28.9	25.6	23.7
17	19.5	20.2	22.7	26.1	31.6	28.7	33.1	30.1	31.8	29.7	26.5	26.2
18	18.5	19.3	24.7	25.0	32.3	30.0	35.0	31.6	32.0	29.0	28.4	27.3
19	21.9	23.8	27.4	28.6	32.3	31.7	32.8	31.8	32.4	29.6	22.7	21.4
20	23.4	25.6	25.0	26.2	32.0	32.5	31.9	31.7	32.6	28.3	24.0	21.6
21	20.0	23.2	27.2	30.1	26.5	32.8	31.5	32.8	32.5	28.8	25.2	21.9
22	19.1	24.3	27.5	30.1	28.3	33.0	31.5	33.0	31.3	28.0	26.3	22.8
23	19.2	20.5	25.0	31.0	26.8	32.2	32.7	31.4	30.7	28.7	26.9	21.4
24	19.6	19.5	18.2	31.2	25.8	30.6	33.1	33.9	30.3	29.5	27.4	23.3
25	22.2	18.9	23.3	31.1	28.9	29.7	32.6	32.6	30.8	28.3	26.6	22.9
26	21.2	19.7	24.6	31.5	28.1	31.4	33.5	28.7	30.8	28.3	23.4	24.5
27	19.4	23.6	25.3	26.4	28.0	32.5	33.3	31.4	30.6	29.0	24.8	21.3
28	20.3	26.7	27.8	26.9	27.7	32.7	32.3	33.8	32.2	29.0	23.1	20.9
29	20.5		26.5	29.2	25.7	33.3	31.4	30.7	31.7	24.7	22.6	19.6
30	21.6		24.0	28.8	25.9	33.0	31.5	30.1	33.4	26.4	23.8	22.5
31	24.5		22.9		26.7		28.1	30.3		27.2		20.2
平均 Mean	20.4	22.6	23.3	27.2	27.2	31.5	32.1	31.9	31.8	29.5	26.1	21.9
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

表 4

天文台於二零一九年每日的最低氣溫 (°C)

Daily Minimum Temperature (°C) at the Hong Kong Observatory in 2019

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	17.6	19.6	19.7	23.8	24.9	26.8	24.9	26.2	28.4	24.0	18.8
02	13.5	16.9	19.9	18.9	21.7	25.4	26.3	25.4	25.2	27.9	23.9	15.1
03	14.9	19.6	20.0	20.7	19.3	25.3	25.5	25.3	26.2	27.4	23.8	13.8
04	16.8	19.5	19.3	20.4	21.0	25.9	27.0	26.9	25.5	26.9	22.8	13.9
05	18.9	18.2	17.7	20.9	20.9	27.4	26.8	26.5	25.4	26.8	21.6	13.1
06	17.6	20.5	19.6	22.4	20.0	28.5	27.9	28.7	26.8	23.1	22.3	12.7
07	17.4	21.3	15.5	23.7	18.9	28.6	28.9	28.0	27.5	23.2	21.4	13.2
08	17.2	19.7	15.1	25.1	19.8	28.2	29.1	27.7	28.0	25.3	20.8	13.0
09	17.2	18.4	17.0	25.5	20.2	28.4	28.7	28.1	28.3	26.7	20.4	14.7
10	17.4	17.4	17.0	25.3	22.7	25.8	26.5	29.4	28.2	26.6	20.6	15.7
11	18.2	17.3	15.5	25.3	22.8	24.6	27.5	29.2	28.4	26.3	20.9	16.5
12	19.3	16.9	17.4	21.0	23.5	26.5	28.1	29.2	28.3	27.4	22.3	17.4
13	17.7	19.0	19.1	20.3	23.9	25.5	29.2	28.8	28.7	24.5	22.3	18.0
14	17.6	18.5	19.8	21.9	25.2	25.4	29.2	25.2	28.4	24.2	21.1	17.6
15	17.0	18.8	17.3	20.9	26.4	26.4	28.7	26.5	25.9	23.1	21.5	18.5
16	15.9	20.1	18.8	19.5	27.8	26.8	28.4	27.6	26.3	23.2	21.5	19.7
17	14.6	18.0	19.7	21.5	28.4	26.8	28.3	25.9	27.9	23.9	21.4	21.2
18	15.8	16.8	19.7	23.0	28.5	27.5	29.6	25.0	25.8	24.7	20.6	20.0
19	17.1	18.5	20.7	21.3	29.2	26.5	26.9	26.8	24.9	24.2	17.9	18.8
20	18.1	20.8	22.1	21.9	25.0	28.2	26.6	28.0	26.2	23.4	19.4	17.7
21	15.8	20.4	23.4	23.2	22.6	29.5	27.3	27.6	26.5	23.5	19.2	17.0
22	13.1	18.4	24.8	25.6	22.6	28.7	27.1	27.5	25.9	23.4	19.6	19.2
23	13.7	15.6	17.4	26.0	24.7	29.1	27.2	28.2	25.4	23.5	21.4	18.9
24	15.0	14.1	16.6	26.2	23.8	24.7	28.4	27.7	26.3	24.5	21.1	19.0
25	16.1	16.7	17.9	26.4	25.1	24.8	28.3	25.1	25.7	24.3	22.4	19.0
26	16.7	17.6	20.8	26.2	24.7	26.1	28.8	22.9	25.5	24.7	21.0	17.5
27	15.6	18.6	20.3	22.3	25.4	28.3	29.0	26.9	25.7	24.0	21.1	15.6
28	15.7	20.6	22.2	22.7	23.9	29.3	28.0	27.2	25.9	22.4	18.0	16.8
29	16.9		23.1	24.7	23.4	29.5	27.4	27.8	26.6	20.3	17.0	17.9
30	17.2		22.5	25.3	23.2	26.9	26.7	25.0	27.2	21.5	17.9	18.8
31	18.9		20.2		25.0		24.5	25.0		23.2		18.0
平均 Mean	16.4	18.4	19.4	22.9	23.7	27.0	27.7	26.9	26.6	24.6	21.0	17.0
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

表 5

天文台於二零一九年每日的平均相對濕度 (%)

Table 5

Daily Mean Relative Humidity (%) at the Hong Kong Observatory in 2019

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	68	70	89	81	78	87	82	94	82	59	73	69
02	68	80	87	76	80	86	85	91	90	71	74	54
03	84	83	87	80	81	85	95	91	80	67	74	46
04	83	83	82	83	76	89	84	83	91	70	56	40
05	87	84	88	76	93	82	79	77	88	69	56	54
06	83	85	92	79	90	78	80	78	79	81	69	39
07	83	83	93	80	87	77	81	70	79	86	56	39
08	84	87	92	80	88	76	79	74	80	79	51	47
09	84	90	95	81	90	79	80	75	78	75	62	62
10	82	90	87	80	87	81	86	83	76	76	70	69
11	84	85	81	81	76	91	86	82	73	75	72	64
12	83	82	77	89	80	91	80	80	73	78	78	67
13	89	80	71	92	89	88	77	79	77	84	75	75
14	86	83	83	90	84	76	79	80	78	86	64	75
15	88	84	81	85	85	74	77	79	76	74	70	81
16	72	81	65	91	83	80	76	81	76	67	76	76
17	70	86	77	85	80	88	79	87	76	70	79	71
18	75	90	82	90	80	88	75	86	79	70	69	77
19	75	91	84	93	80	87	83	83	74	72	63	84
20	73	92	88	95	83	80	87	79	52	76	66	78
21	64	93	81	88	82	77	83	74	42	72	66	84
22	53	82	84	84	83	78	82	77	40	68	66	84
23	62	87	89	81	90	80	80	80	57	71	78	85
24	71	83	88	78	92	85	81	75	70	71	77	80
25	67	85	85	77	90	89	79	89	71	75	73	80
26	73	88	85	81	92	86	76	95	71	75	76	73
27	71	85	82	86	93	83	76	88	72	76	78	65
28	68	85	84	89	92	82	80	77	71	77	61	72
29	74		86	86	91	79	82	83	75	65	65	88
30	73		86	82	89	85	82	86	64	60	71	91
31	76		85		93		91	91		68		86
平均 Mean	76	85	84	84	86	83	81	82	73	73	69	69
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

表 6
Table 6

天文台於二零一九年每日的總雨量 (毫米)
Daily Total Rainfall (mm) at the Hong Kong Observatory in 2019

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	-	0.4	Trace	0.2	32.6	15.3	98.3	8.5	-	-	-
02	Trace	Trace	Trace	Trace	0.5	3.0	19.1	8.2	38.4	-	-	-
03	0.1	Trace	6.3	Trace	5.3	34.1	79.1	28.4	12.9	-	-	-
04	0.1	-	10.2	Trace	8.4	38.1	13.0	Trace	62.2	-	-	-
05	-	-	30.3	-	8.3	-	1.3	-	31.8	-	-	1.4
06	Trace	-	45.5	-	11.3	Trace	1.5	Trace	0.2	46.8	-	0.3
07	-	Trace	29.6	-	17.0	-	4.3	-	0.4	17.9	-	-
08	0.2	Trace	11.5	-	25.1	1.1	0.1	-	0.4	4.9	-	-
09	-	0.8	14.5	-	10.0	4.1	6.0	-	-	Trace	-	-
10	-	0.8	4.6	-	-	3.3	14.3	-	-	-	-	-
11	-	Trace	7.6	0.7	-	111.6	6.0	1.1	Trace	-	-	-
12	Trace	0.2	-	6.1	-	1.5	2.6	0.4	-	0.3	-	-
13	Trace	-	-	3.8	Trace	55.8	Trace	9.2	Trace	13.6	-	-
14	Trace	Trace	6.4	10.4	-	16.5	Trace	54.4	Trace	52.1	-	-
15	4.0	0.2	0.4	1.1	Trace	Trace	-	5.6	11.0	10.4	-	-
16	-	-	-	9.2	0.8	-	-	1.1	4.3	-	-	-
17	-	0.1	-	-	0.1	4.7	-	42.2	2.1	-	-	-
18	-	18.1	-	6.7	Trace	11.1	Trace	19.0	18.0	Trace	-	-
19	0.2	31.0	-	75.8	-	14.0	22.6	0.1	8.7	-	-	0.1
20	0.1	0.2	-	43.6	9.0	0.5	6.4	Trace	-	3.5	-	0.7
21	-	Trace	-	0.3	3.3	0.7	0.1	-	-	-	Trace	1.4
22	-	1.6	Trace	-	0.7	0.7	0.4	-	-	-	-	-
23	-	12.3	3.3	-	6.5	3.2	Trace	0.7	-	-	-	-
24	-	3.4	0.3	-	21.5	16.8	Trace	-	-	-	-	-
25	-	Trace	1.0	-	2.4	35.4	1.0	88.4	Trace	-	-	-
26	-	Trace	-	0.9	15.1	0.9	Trace	178.3	-	Trace	Trace	-
27	-	Trace	Trace	16.6	27.8	3.5	-	2.9	Trace	Trace	-	-
28	-	-	-	3.1	43.9	2.2	0.5	-	-	Trace	-	Trace
29	-	-	-	6.9	-	3.2	0.6	1.0	5.9	-	-	9.3
30	-	-	Trace	7.5	3.2	33.1	12.8	8.5	-	-	-	0.3
31	-	-	7.7	-	11.0	-	121.1	43.7	-	-	-	Trace
月總雨量 Total	4.7	68.7	186.5	185.8	234.6	429.1	328.5	596.4	198.9	149.5	Trace	13.5
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

- 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

天文台於二零一九年每日的平均雲量 (%)
Daily Mean Amount of Cloud (%) at the Hong Kong Observatory in 2019

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	84	84	91	91	85	85	72	94	85	11	49	8
02	87	84	84	89	89	81	82	88	88	20	31	18
03	91	70	85	85	91	83	93	88	85	22	48	32
04	87	61	83	86	88	84	85	87	89	22	28	55
05	88	84	89	37	94	78	83	34	89	18	11	88
06	92	83	91	27	95	76	85	65	55	87	47	47
07	89	57	89	48	95	72	88	43	25	83	32	1
08	94	78	95	80	93	76	85	43	31	66	21	16
09	89	99	95	79	92	82	88	36	47	55	33	56
10	88	89	86	79	63	86	88	83	27	35	16	39
11	55	94	58	84	14	90	87	85	38	24	32	2
12	64	69	15	91	57	89	82	78	44	51	70	43
13	91	68	66	98	92	90	88	67	64	81	39	43
14	94	78	95	92	64	58	85	70	69	80	42	17
15	88	84	89	91	85	42	74	69	51	56	29	85
16	87	72	85	87	82	77	47	82	73	37	33	86
17	55	91	85	77	82	87	66	87	80	31	18	79
18	79	91	70	91	77	82	53	84	79	57	18	70
19	85	79	42	90	79	84	73	81	54	34	49	94
20	76	84	86	93	85	66	85	74	9	42	56	83
21	66	88	79	81	91	79	85	74	2	35	16	86
22	21	79	84	72	77	81	88	62	7	21	14	60
23	3	95	99	58	89	84	75	65	41	28	44	81
24	10	88	100	57	97	88	68	56	59	51	24	44
25	13	92	92	39	89	88	62	95	32	33	58	65
26	17	96	86	58	83	78	63	81	43	73	88	29
27	80	82	77	91	87	78	78	57	46	59	53	23
28	63	67	57	85	87	77	77	72	33	79	41	64
29	39		81	71	95	72	79	80	33	54	48	92
30	69		81	83	97	74	84	83	21	81	34	90
31	67		93		93		91	90		78		93
平均 Mean	68	82	81	76	83	79	79	73	50	49	37	54
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

表 8

京士柏於二零一九年每日的總日照時間（小時）

Table 8

Daily Total Bright Sunshine Duration (hours) at King's Park in 2019

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	4.6	-	0.4	0.2	3.0	2.0	8.5	-	4.7	10.7	9.7	9.6
02	0.1	5.1	5.0	3.6	0.2	4.5	3.5	1.6	0.1	10.6	9.6	9.3
03	-	7.8	4.2	7.0	1.7	3.8	-	-	5.9	10.5	9.3	9.7
04	1.3	7.4	3.2	1.6	-	3.4	2.4	1.7	1.4	8.0	9.5	9.5
05	0.5	4.3	2.0	9.2	-	7.3	7.4	11.5	4.1	9.9	10.2	-
06	-	3.7	-	10.3	-	7.8	3.8	2.7	9.5	0.2	9.0	7.2
07	-	7.1	-	8.8	-	9.9	1.8	8.2	8.2	3.2	10.1	9.6
08	-	4.4	-	6.4	-	9.6	1.7	10.9	9.0	8.4	10.2	9.6
09	2.7	-	-	5.0	1.0	6.4	3.5	11.0	4.1	9.0	10.1	8.6
10	2.6	-	-	6.6	3.4	2.3	-	4.8	10.5	8.4	10.1	8.8
11	6.5	-	6.5	3.9	11.3	0.3	1.1	7.8	10.0	10.1	10.2	9.6
12	8.6	8.1	10.7	-	9.7	1.4	6.1	8.5	9.8	4.8	4.6	7.1
13	-	3.5	6.1	-	0.5	0.2	6.5	10.8	6.1	5.0	9.0	7.3
14	0.1	7.3	-	0.6	8.0	10.7	2.4	7.7	4.8	2.2	8.6	9.6
15	1.2	2.6	-	0.3	1.8	11.1	9.6	8.6	5.5	8.4	9.8	-
16	0.8	9.8	7.1	0.6	5.0	9.0	10.9	3.8	7.4	9.4	6.8	1.0
17	8.1	0.8	4.9	3.9	3.9	0.5	6.2	3.2	4.8	10.4	9.8	5.1
18	2.0	0.2	5.1	-	9.0	2.4	9.5	4.9	5.2	8.3	9.9	5.3
19	1.7	3.8	10.0	0.6	7.2	2.8	1.9	4.0	10.3	9.0	4.3	0.6
20	5.2	1.2	1.8	-	2.7	9.2	2.8	7.5	11.0	7.7	6.3	4.7
21	4.2	3.1	4.1	2.6	0.2	8.7	6.2	9.7	11.1	8.5	10.0	3.0
22	10.0	4.6	0.9	6.3	8.6	8.9	1.5	9.4	11.2	9.9	10.0	5.5
23	9.8	-	-	8.7	0.1	3.9	6.8	3.8	8.0	10.2	8.7	0.3
24	10.0	0.7	-	9.6	0.1	0.2	6.3	10.0	7.0	8.7	9.9	8.6
25	10.2	-	2.0	10.5	1.2	0.4	7.1	-	5.9	9.6	8.2	7.7
26	8.6	0.1	3.2	7.6	2.5	3.7	11.4	1.4	7.6	4.3	0.9	9.4
27	7.0	5.7	4.8	-	-	5.3	10.4	4.3	5.7	8.1	9.0	9.4
28	3.3	5.6	6.6	2.1	0.9	5.3	3.0	10.2	8.6	3.2	9.8	6.1
29	9.8	-	2.0	5.8	-	6.5	3.3	4.7	8.8	4.5	9.6	-
30	6.7	-	0.6	1.3	1.0	6.4	4.8	3.6	10.0	4.4	9.8	-
31	7.7	-	0.1	-	0.1	-	0.1	2.3	-	5.1	-	-
月總日照 Total	133.3	96.9	91.3	123.1	83.1	153.9	150.5	178.6	216.3	230.7	263.0	182.2
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

- 表示無日照

- means no sunshine

表 9(a)

Table 9(a)

京士柏於二零一九年每日的太陽總輻射 (MJ/m^2)Daily Global Solar Radiation (MJ/m^2) at King's Park in 2019

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	12.02	6.77	7.06	9.28	13.81	13.72	24.32	1.44	15.74	21.52	18.73	16.61
02	5.73	13.71	15.87	15.82	6.79	17.46	14.26	10.20	4.89	21.74	16.80	17.02
03	3.15	14.97	10.91	18.80	11.86	13.98	4.03	7.47	17.56	22.59	18.45	17.20
04	8.66	15.35	12.57	8.88	6.33	13.17	12.59	12.65	11.07	15.20	17.58	17.36
05	7.15	12.39	11.56	22.86	2.62	21.86	21.72	26.59	13.47	19.69	19.00	3.88
06	5.28	10.35	2.87	22.21	4.98	21.58	16.52	10.46	24.17	5.00	17.16	14.65
07	7.77	13.80	1.91	19.82	4.05	25.09	10.94	21.86	19.46	12.36	18.10	18.35
08	5.26	10.44	2.70	17.59	4.24	25.28	11.13	24.44	17.54	19.39	18.48	18.26
09	8.34	5.99	1.98	15.27	11.16	21.00	16.03	22.86	11.38	19.48	18.69	16.14
10	9.07	4.51	3.53	18.70	11.28	13.71	5.81	16.79	24.46	19.17	18.34	16.35
11	13.31	4.32	15.54	12.05	24.91	6.09	9.40	20.74	24.19	19.96	18.21	16.66
12	13.83	17.98	22.00	4.07	25.66	10.57	18.59	23.78	21.83	9.64	10.88	14.37
13	4.10	10.77	16.09	3.05	11.76	5.34	19.96	25.99	18.52	15.15	16.71	15.38
14	5.88	16.60	2.26	6.62	20.38	26.21	12.19	22.26	13.70	9.93	15.28	16.69
15	6.76	12.18	3.77	9.35	9.71	26.66	21.11	23.02	15.13	19.43	17.38	6.51
16	7.02	18.50	15.60	5.35	18.86	22.41	24.34	13.55	21.08	20.77	14.82	8.22
17	16.14	7.19	15.29	14.40	16.61	6.35	16.59	9.14	15.92	19.58	17.84	11.60
18	6.95	2.42	15.33	4.60	22.74	10.06	20.40	12.55	14.43	17.19	16.03	12.18
19	9.51	11.47	19.59	5.94	19.60	14.02	8.93	13.52	22.84	16.73	11.01	5.49
20	12.69	9.12	10.46	2.79	12.84	22.71	10.83	18.97	24.19	18.31	14.53	12.27
21	11.74	12.48	11.87	13.21	9.40	24.56	15.97	23.65	23.98	18.69	17.48	10.06
22	17.51	15.79	6.86	17.41	23.04	23.33	11.59	20.04	24.50	18.74	17.39	12.15
23	17.11	3.42	4.37	23.16	7.00	15.28	18.54	13.56	19.27	19.91	15.05	6.38
24	18.27	9.39	3.39	25.19	4.73	4.25	18.99	21.10	18.10	18.39	17.49	15.84
25	17.96	4.19	10.79	23.61	10.30	7.68	17.42	2.46	13.24	18.83	16.77	14.89
26	15.66	5.26	12.03	18.87	8.61	12.07	26.56	8.55	18.23	13.63	7.85	13.76
27	13.77	15.52	15.16	3.00	4.19	15.88	24.78	15.48	13.39	15.94	16.66	16.24
28	11.25	12.86	14.99	13.16	6.16	16.71	12.64	20.10	18.39	9.04	17.14	13.23
29	19.33		12.85	17.49	3.54	17.59	13.50	15.28	17.73	10.71	17.37	3.43
30	15.04		8.49	8.40	11.47	15.11	16.14	11.94	20.19	13.53	17.26	4.59
31	14.22		6.36		8.17		4.96	12.39		11.64		1.93
平均 Mean	10.98	10.63	10.13	13.37	11.51	16.32	15.51	16.22	17.95	16.51	16.48	12.51
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

表9(b)

Table 9(b)

京士柏於二零一九年每日的太陽直接輻射 (MJ/m²)Daily Direct Solar Radiation (MJ/m²) at King's Park in 2019

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	6.05	0.01	0.15	0.12	2.69	2.08	20.73	0.00	6.41	20.02	19.71	22.60
02	0.01	6.62	6.88	3.42	0.07	7.00	4.13	1.27	0.01	19.97	16.10	21.39
03	0.00	7.40	4.49	6.01	1.14	3.27	0.01	0.03	8.28	23.98	19.29	23.43
04	1.29	9.97	2.93	0.49	0.01	6.15	2.91	2.39	1.32	14.42	19.41	24.02
05	0.18	3.17	2.06	14.74	0.00	12.34	13.97	27.63	3.01	19.57	23.43	0.00
06	0.01	2.76	0.00	13.81	0.00	13.81	5.05	2.88	24.27	0.09	13.97	13.85
07	0.04	11.45	0.00	8.81	0.00	22.66	2.28	13.81	14.56	2.61	19.78	27.61
08	0.01	5.79	0.00	7.71	0.00	19.37	1.57	17.45	13.31	15.57	21.70	28.58
09	2.62	0.00	0.00	7.29	0.40	12.89	3.60	16.86	4.76	13.33	22.20	17.71
10	3.18	0.00	0.00	8.69	2.00	3.09	0.13	3.61	24.41	13.42	22.51	20.03
11	11.46	0.00	8.71	4.41	19.19	0.08	0.71	8.77	21.46	12.35	22.65	24.30
12	8.04	15.28	20.23	0.00	20.34	1.23	8.14*	14.69	16.04	2.74	5.43	15.04
13	0.00	6.01	6.64	0.00	0.08	0.18	9.20	20.76	9.54	4.28	14.71	15.48
14	0.04	11.02	0.00	0.19	14.91	20.63	2.01	13.07	6.16	1.62	11.75	22.92
15	0.44	1.75	0.00	0.09	1.31	22.70	13.10	12.17	8.62	19.78	18.92	0.01
16	0.73	17.52	5.85	0.29	0.19*	11.10	17.43	4.71	12.92	22.89	14.17	2.29
17	17.26	0.24	4.01	2.23	4.59	0.13	5.62	2.43	6.05	19.86	22.00	2.09
18	2.17	0.01	4.79	0.02	12.36	2.34	8.67	7.55	5.87	13.21	17.08	7.82
19	1.58	6.74	12.51	0.27	7.51	3.20	1.71	3.57	20.15	12.82	7.33	0.31
20	8.32	0.87	1.00	0.00	1.70	16.57	4.11	8.42	28.33	13.64	11.55	6.54
21	3.39	2.68	3.56	2.34	0.05	16.69	8.64	17.77	28.24	14.62	21.97	3.87
22	21.22	7.67	0.36	8.70	11.45	14.26	1.33	10.49	29.38	17.56	24.70	6.12
23	18.32	0.01	0.00	18.67	0.11	2.52	8.86	3.65	14.09	19.74	15.37	0.15
24	22.80	0.79	0.00	21.36	0.00	0.11	12.28	9.58	10.41	15.94	23.65	17.70
25	23.30	0.00	1.63	17.08	1.13	0.06	14.03	0.00	8.59	16.03	20.13	14.54
26	13.46	0.01	2.66	8.89	1.70	4.75	25.27	0.88	12.60	4.92	0.39	16.39
27	4.58	5.66	3.62	0.00	0.00	6.83	18.12	8.63	6.94	9.24	20.54	22.29
28	1.04	5.82	7.10	1.06	0.45	6.68	3.95	10.30	13.26	1.85	23.06	14.22
29	25.74		1.17	7.49	0.00	9.62	3.19	6.46	10.59	9.27	22.66	0.00
30	9.11		0.22	0.52	0.62	8.65	8.00	2.44	15.07	5.40	23.46	0.00
31	10.14		0.06		0.07		0.03	1.99		2.73		0.00
平均 Mean	6.98	4.62	3.25	5.49	3.36	8.37	7.38	8.20	12.82	12.37	17.99	12.62

* 表示數據不完整

* means incomplete data

表 9(c)

京士柏於二零一九年每日的太陽漫射輻射 (MJ/m^2)

Table 9(c)

Daily Diffuse Solar Radiation (MJ/m^2) at King's Park in 2019

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	8.58	6.53	6.67	8.78	10.89	11.65	7.35	1.38	10.23	6.95	5.56	3.70
02	5.45	9.64	9.91	12.82	6.43	10.29	10.37	8.83	4.72	7.05	5.96	4.58
03	2.99	10.57	7.81	13.86	10.29	10.92	3.82	7.14	10.24	5.26	5.74	4.03
04	7.46	9.15	10.23	8.19	6.08	6.53	9.63	9.89	9.37	6.45	4.69	3.83
05	6.77	10.18	9.54	10.99	2.53	11.18	9.79	4.14	10.81	6.00	4.45	3.73
06	5.07	8.33	2.77	11.34	4.76	9.40	11.98	8.73	5.58	4.72	7.88	5.66
07	7.46	7.65	1.87	12.84	3.90	6.29	8.36	9.72	8.15	10.00	5.63	3.18
08	5.04	6.83	2.59	10.90	4.07	8.69	9.41	9.74	7.80	7.62	5.12	2.69
09	6.87	5.79	1.87	10.01	10.47	9.22	12.02	8.89	7.67	9.59	4.90	5.81
10	7.00	4.35	3.41	11.25	9.85	10.36	5.49	13.05	5.85	8.55	4.52	4.61
11	6.89	4.13	9.04	8.71	8.89	5.83	8.56	12.55	7.47	10.61	4.37	3.32
12	8.62	7.47	7.59	3.92	8.26	9.04	8.52*	10.45	9.57	7.82	7.66	5.98
13	3.97	7.50	10.98	2.92	11.27	4.97	11.64	8.35	10.23	11.59	6.67	6.10
14	5.72	8.91	2.22	6.21	9.77	8.86	10.06	10.02	9.03	8.25	7.62	3.94
15	6.26	10.54	3.64	8.86	8.35	7.26	10.51	12.58	8.29	5.06	5.59	6.19
16	6.32	6.72	11.65	4.94	0.71*	12.62	10.17	9.68	10.20	4.57	5.62	6.28
17	5.15	6.77	11.69	11.92	12.26	5.96	11.56	7.30	10.33	6.16	4.37	9.91
18	5.97	2.40	11.55	4.38	12.19	7.84	12.84	6.80	9.43	7.93	5.73	7.64
19	8.21	6.17	9.97	5.47	13.48	10.74	7.02	10.35	7.55	7.98	6.72	5.03
20	8.02	8.17	9.42	2.69	10.95	9.02	7.11	11.87	4.07	7.84	6.68	7.78
21	9.72	10.46	9.36	10.58	8.97	10.84	9.57	9.62	3.93	8.05	4.05	7.05
22	4.99	9.57	6.45	9.91	12.90	11.55	10.12	11.48	3.68	7.05	3.46	8.57
23	5.93	3.35	4.17	7.72	6.57	12.66	11.49	10.12	9.52	6.39	6.12	5.99
24	4.57	8.45	3.21	8.03	4.51	4.03	9.81	13.10	10.17	7.44	4.02	5.51
25	4.02	4.04	9.07	9.33	8.65	7.31	7.64	2.38	6.76	7.87	4.03	6.54
26	6.86	5.06	9.33	11.31	7.13	8.98	6.58	7.56	8.45	9.93	7.27	4.86
27	10.66	10.86	12.33	2.86	4.03	10.11	8.65	7.89	7.99	9.65	4.55	3.91
28	10.29	9.00	10.22	11.82	5.65	11.37	8.86	11.61	7.92	7.43	4.01	5.06
29	3.82		11.51	11.24	3.39	9.94	10.02	9.91	9.78	5.44	4.50	3.28
30	9.25		8.02	7.72	10.45	7.96	9.62	9.99	8.64	9.08	4.39	4.38
31	7.97		6.01		7.76		4.76	10.02		9.56		1.83
平均 Mean	6.64	7.45	7.55	8.72	7.92	9.05	9.14	9.20	8.11	7.67	5.40	5.19

* 表示數據不完整

* means incomplete data

表9(d)

Table 9(d)

潛西洲於二零一九年每日的太陽總輻射 (MJ/m²)Daily Global Solar Radiation (MJ/m²) at Kau Sai Chau in 2019

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	10.78	7.59	5.18	5.97	16.47	12.84	25.63	1.87	17.72	21.08	19.69	17.22
02	5.19	8.14	7.22	7.73	2.32*	17.70	15.98	12.23	5.56	21.43	18.77	16.58
03	5.26	13.49	11.53	12.66	6.91	13.55	3.98	7.65	17.60	20.55	17.95	17.54
04	8.20	13.85	7.70	12.04	4.70	12.49	17.26	13.42	13.39*	21.84	17.68	17.91
05	6.65	9.36	7.58	21.90	1.75	23.10	20.76	27.24	16.88	22.32	19.12	4.06
06	4.30	11.82	1.90	21.92	3.12	25.04	16.43	15.17	24.21	6.79	17.88	14.41
07	6.01	14.24	1.64	19.87	2.48	25.95	15.98	22.43	21.90	14.91	18.16	18.19
08	6.33	8.75	1.66	16.23	2.60	21.44	21.24	24.24	23.22	20.40	18.50	18.30
09	5.97	3.08	1.49	19.39	9.77	20.15	15.23	23.66	22.76	19.24	18.67	16.15
10	6.76	2.20	3.24	16.11	14.16	11.03	5.55	22.03	24.79	19.51	18.37	16.40
11	12.34	3.93	12.09*	11.05	25.36	6.20	13.82	22.96	22.35	19.45	18.08	17.17
12	15.59	15.55	22.19	2.61	23.46	6.68	22.47	16.32	23.58	17.95	10.17	13.62
13	2.98	11.17	13.77	1.41	5.10	6.10	19.49	24.43	17.44	13.15	16.43	14.54
14	4.14	14.77	2.08	2.75	20.23	21.73	19.18	23.16	19.47	11.94	16.44	16.62
15	7.97	6.16	3.45	4.16	12.64	24.93	22.98	21.89	18.87	19.75	17.53	3.63
16	9.14	18.14	11.48	4.76	17.51	22.69	25.12	11.07	22.72	21.35	14.53	7.75
17	16.68	3.47	5.46	14.87	12.70	11.54	22.25	9.02	15.45	20.11	16.37	12.50
18	6.53	1.60	10.29	3.81	22.94	10.87	22.36	10.89	17.06	20.07	17.11	12.71
19	9.31	8.78	19.78	6.50	19.34	15.99	9.35	17.82	23.38	19.79	12.58	3.47
20	12.78	8.51	4.38	1.57	11.84	21.05	9.18	17.04	24.43	19.35	15.07	13.11
21	12.99	3.70	20.31	10.69	8.77	23.55	14.61	24.06	24.52	19.43	17.84	8.65
22	17.55	18.58	8.45	16.23	18.76	24.02	8.56	23.50	24.58	18.32	17.76	9.76
23	17.08	1.41	2.05	19.28	2.51	14.87	21.53	22.82	18.93	18.51	16.84	7.07
24	17.96	8.92	2.18	19.11	5.64	6.29	18.72	23.23	21.72	17.14	17.56	13.67
25	18.12	4.64	10.89	21.15	14.08	8.51	22.16	2.72	21.22	17.45	15.87	9.49
26	15.88	2.17	10.75	22.18	7.26	13.05	25.45	9.45	20.63	14.51	7.92	14.98
27	14.41	6.64	9.06	5.02	6.10	19.83	23.01	20.79	20.34	15.94	14.72	16.52
28	12.25	17.64	15.48	14.23	6.78	12.58	12.42	21.27	21.82	6.73	17.64	13.03
29	15.85*		13.55	16.83	3.20	20.61	8.21	15.85	20.82	7.86	17.58	3.60
30	8.21		3.37	8.70	4.84	21.33	18.46	13.55	20.51	13.93	17.47	6.05
31	16.67		3.13		6.67		4.92	14.95		12.36		1.82
平均 Mean	10.64	8.87	8.17	12.02	10.32	16.52	16.85	17.31	20.26	17.20	16.68	12.15

* 表示數據不完整

* means incomplete data

表 9(e)

滙西洲於二零一九年每日的太陽直接輻射 (MJ/m^2)

Table 9(e)

Daily Direct Solar Radiation (MJ/m^2) at Kau Sai Chau in 2019

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	1.98	0.04	0.19	0.02	3.63	0.36	21.22	0.00	9.53	18.71	20.17	24.37
02	0.00	0.08	0.39	0.00	0*	6.15	6.99	1.90	0.07	19.24	18.64	20.68
03	0.00	4.41	6.42	0.97	0.03	2.34	0.02	0.03	7.74	20.93	17.59	23.25
04	1.01	6.09	0.56	0.41	0.03	6.03	6.28	2.10	1.71*	22.88	18.94	24.02
05	0.14	0.93	1.69	12.59	0.00	11.91	11.87	30.76	4.00	25.16	22.71	0.00
06	0.00	4.86	0.00	12.13	0.00	19.49	5.57	5.82	23.40	0.73	15.07	13.10
07	0.03	8.04	0.00	8.27	0.00	22.33	5.71	12.50	20.72	4.81	19.01	26.81
08	0.01	5.01	0.00	5.67	0.00	15.29	9.36	18.94	20.29	15.92	20.87	28.36
09	0.18	0.00	0.00	9.70	0.04	11.39	3.64	17.35	20.08	13.19	21.27	17.10
10	0.94	0.00	0.00	6.33	2.45	2.02	0.07	9.41	25.07	15.15	21.85	20.41
11	10.26	0.00	8.78*	2.96	20.97	0.06	2.10	10.42	19.02	13.87	20.58	25.58
12	13.41	6.97	19.25	0.00	12.95	0.09	15.46	7.32	21.16	9.57	3.22	12.61
13	0.00	7.15	5.84	0.00	0.00	0.33	9.58	18.69	7.39	-	13.70	14.69
14	0.00	7.05	0.00	0.00	12.25	15.83	6.92	13.73	11.99	-	13.83	21.52
15	0.49	0.02	0.00	0.00	0.94	21.74	15.61	13.10	14.61	-	17.77	0.00
16	1.99	15.69	4.55	0.11	6.61	10.36	19.66	4.32	16.05	5.87*	13.53	1.30
17	19.68	0.00	0.00	4.63	2.23	1.77	9.79	2.94	-	20.65	16.49	4.01
18	0.70	0.01	1.53	0.00	13.04	2.62	13.74	6.85	8.63	20.61	19.35	6.86
19	1.59	2.18	12.18	0.35	9.05	4.04	1.68	6.01	22.39	17.89	7.16	0.01
20	7.74	0.59	0.02	0.00	1.33	14.51	2.17	5.74	28.94	15.11	14.07	8.13
21	5.61	0.00	11.82	0.32	0.03	16.93	6.17	17.83	29.34	16.15	23.81	1.02
22	20.75	12.72	0.63	7.92	4.73	14.93	0.50	13.95	29.39	17.53	25.34	2.60
23	17.98	0.00	0.00	11.78	0.00	2.26	12.88	17.20	12.90	15.14	20.77	0.12
24	21.36	0.20	0.00	10.44	0.01	1.74	13.20	14.23	15.21	12.07	23.13	11.71
25	22.65	0.00	1.84	14.53	1.24	0.14	19.76	0.01	17.60	12.02	16.57	3.82
26	13.87	0.00	0.68	13.09	0.86	3.84	23.61	1.18	16.14	6.07	0.36	20.60
27	5.32	0.03	0.87	0.00	0.04	11.98	14.95	14.69	14.80	8.34	15.02	22.27
28	1.22	11.50	5.52	1.58	0.96	4.91	3.74	12.13	19.26	0.69	22.56	13.98
29	20.42*		2.61	5.76	0.00	12.73	0.40	6.97	15.73	5.82	-	0.00
30	1.79		0.00	1.00	0.00	13.87	10.91	2.51	15.33	5.21	23.25	0.02
31	13.30		0.07		0.14		0.22	4.60		1.95		0.00
平均 Mean	6.59	3.34	2.76	4.35	3.02	8.40	8.83	9.46	15.80	11.65	17.72	11.90

* 表示數據不完整

* means incomplete data

表 9(f)

滙西洲於二零一九年每日的太陽漫射輻射 (MJ/m^2)

Table 9(f)

Daily Diffuse Solar Radiation (MJ/m^2) at Kau Sai Chau in 2019

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	9.40	7.32	4.86	5.69	12.68	12.13	8.15	1.78	9.40	7.80	6.45	3.09
02	5.08	7.84	6.77	7.47	2.21*	11.34	10.89	10.05	5.30	7.44	6.30	4.85
03	5.16	10.45	6.96	11.62	6.51	10.89	3.80	7.33	11.08	5.77	5.93	4.28
04	7.41	9.39	7.19	11.33	4.47	6.38	11.51	11.04	11.45*	5.85	4.83	4.16
05	6.40	8.71	6.28	11.43	1.66	12.19	9.77	3.95	13.27	4.50	4.67	3.92
06	4.20	8.38	1.80	12.07	2.94	7.84	11.69	10.10	6.20	6.15	7.48	6.41
07	5.88	8.81	1.54	12.88	2.36	7.28	11.00	12.66	6.02	11.12	5.89	3.41
08	6.20	5.55	1.60	11.30	2.54	9.21	13.64	9.85	7.73	8.01	5.30	2.78
09	5.73	2.96	1.44	10.96	9.42	10.38	11.46	9.87	7.40	9.09	5.16	5.97
10	5.99	2.11	3.13	10.94	12.31	8.90	5.23	13.35	6.07	8.20	4.66	4.19
11	6.49	3.79	5.95*	8.48	8.40	5.92	11.59	13.94	7.85	9.28	4.86	3.15
12	7.18	11.02	7.89	2.50	13.29	6.32	9.05	10.42	8.08	10.80	8.37	6.72
13	2.92	7.26	8.93	1.36	4.86	5.58	11.85	10.25	11.05	-	7.07	5.63
14	4.07	10.01	1.99	2.61	10.21	8.00	13.14	11.49	9.59	-	7.32	4.17
15	7.48	5.96	3.30	3.95	11.33	7.72	10.17	11.88	7.22	-	6.26	3.50
16	7.55	7.39	8.33	4.53	11.40	12.99	9.46	7.78	9.46	1.58*	5.83	6.60
17	4.43	3.32	5.24	10.37	10.44	9.72	13.60	7.21	-	6.28	5.51	9.97
18	6.21	1.55	9.19	3.62	11.99	8.90	10.86	6.33	9.80	6.04	4.76	8.41
19	8.23	6.84	9.68	5.93	12.16	11.85	7.47	12.95	6.56	7.70	8.28	3.34
20	8.40	7.92	4.21	1.50	10.11	9.94	7.05	12.50	4.02	8.14	6.08	7.96
21	9.44	3.53	10.80	10.01	8.34	9.63	9.91	10.05	3.80	7.82	3.94	7.72
22	5.23	8.90	7.74	9.53	14.56	11.40	7.90	11.79	3.81	6.52	3.42	8.05
23	6.25	1.34	1.98	9.49	2.39	12.55	11.83	9.47	10.10	7.79	5.00	6.78
24	4.82	8.50	2.05	10.47	5.38	4.94	9.48	11.62	9.98	8.54	3.91	7.18
25	4.15	4.49	8.98	10.18	12.53	8.04	8.55	2.63	7.88	9.11	5.26	7.90
26	6.62	2.09	9.77	11.28	6.51	10.25	8.12	8.05	8.46	9.98	7.46	3.78
27	11.02	6.44	8.25	4.78	5.83	10.44	10.50	9.19	9.61	10.22	5.78	4.13
28	11.13	9.44	11.20	12.23	6.13	9.18	9.63	11.52	7.48	5.96	4.73	4.72
29	4.07*		11.05	11.13	3.05	10.34	7.47	10.37	8.85	5.20	3.36	3.48
30	6.69		3.20	7.67	4.58	10.07	9.46	11.31	8.42	9.66	4.74	5.85
31	8.47		2.97		6.48		4.60	10.19		10.84		1.73
平均 Mean	6.53	6.48	5.94	8.24	7.65	9.34	9.64	9.71	8.23	6.95	5.62	5.28

* 表示數據不完整

- 表示因太陽追蹤儀失效而未能提供數據

* means incomplete data

- means data not available due to sun tracker failure

表 10(a)

京士柏於二零一九年每日的最高紫外線指數

Table 10(a)

Daily Maximum UV Index at King's Park in 2019

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	4	4	6	6	7	7	12	1	11	7	7	5
02	4	7	8	6	5	12	10	7	5	8	7	5
03	2	8	7	7	8	11	4	6	11	9	6	5
04	6	7	7	4	3	11	10	13	10	7	6	5
05	5	6	7	9	2	12	11	12	7	8	6	3
06	3	5	2	8	4	10	10	6	11	4	6	6
07	4	5	1	7	3	12	12	11	9	7	6	5
08	4	6	2	7	3	11	8	10	9	9	6	5
09	3	3	1	6	5	11	10	9	7	8	6	6
10	5	2	2	8	6	11	6	10	10	8	6	5
11	6	2	6	9	9	5	5	11	10	7	6	5
12	4	7	7	3	9	10	9	11	10	4	5	5
13	2	4	6	2	7	5	11	11	10	7	6	5
14	3	8	2	5	11	10	8	10	10	6	5	5
15	4	7	3	5	6	10	11	9	9	8	5	4
16	5	8	6	4	10	10	11	9	9	8	5	6
17	6	5	7	7	10	6	8	7	9	7	6	6
18	3	2	6	3	11	8	8	11	8	7	5	6
19	5	8	7	4	10	9	8	9	9	6	5	4
20	5	5	5	2	8	11	9	10	9	7	6	5
21	5	8	5	6	4	11	11	10	9	7	6	5
22	6	8	4	8	9	11	8	8	9	7	6	4
23	5	3	3	10	5	8	11	9	8	7	6	4
24	6	7	3	11	4	4	11	8	9	7	6	5
25	6	2	6	10	9	5	9	2	8	7	6	5
26	5	3	6	8	5	10	12	7	8	5	3	5
27	5	6	5	3	2	9	11	11	7	6	5	6
28	5	6	5	8	2	10	11	10	8	6	5	5
29	7		6	9	2	11	10	9	7	6	5	3
30	6		6	4	10	10	10	7	7	7	5	3
31	5		7		7		5	10		6		1
最高 Maximum	7	8	8	11	11	12	12	13	11	9	7	6

表 10(b)

京士柏於二零一九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 2019

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	1	2	2	3	3	6	0.4	4	4	3	2
02	1	3	3	3	2	5	4	3	1	4	3	2
03	0.7	3	2	3	3	3	1	2	4	4	3	2
04	2	3	3	2	1	3	3	3	3	3	3	2
05	2	2	2	4	0.6	5	5	6	3	4	3	0.9
06	1	2	0.5	4	1	5	4	3	6	1	3	2
07	2	2	0.4	3	1	6	3	5	4	3	3	2
08	1	2	0.6	3	1	6	3	5	3	4	3	2
09	2	1	0.4	3	3	5	4	5	3	4	3	2
10	2	1	0.6	3	2	4	2	4	5	4	3	2
11	2	1	3	2	4	2	2	5	5	3	3	2
12	2	3	4	0.9	5	3	4	5	5	2	2	2
13	0.9	2	2	0.5	3	1	5	5	4	3	3	2
14	1	3	0.5	1	4	5	3	5	3	2	2	2
15	1	3	0.9	2	2	5	5	5	3	4	2	1
16	1	4	3	1	5	5	5	3	4	4	2	2
17	2	2	3	3	4	2	3	2	3	3	3	2
18	1	0.5	3	0.9	5	3	4	3	3	3	2	2
19	2	2	3	1	4	4	2	3	4	3	2	1
20	2	2	2	0.5	3	5	2	4	5	3	2	2
21	2	3	2	3	2	6	4	5	5	3	3	2
22	3	3	1	3	5	6	3	4	5	3	3	2
23	2	0.8	1	5	2	4	4	3	4	3	2	1
24	3	2	0.8	5	1	1	4	4	3	3	3	2
25	3	0.9	2	5	3	2	4	0.6	3	3	3	2
26	2	1	2	4	2	3	6	2	3	2	1	2
27	2	3	3	0.7	0.9	4	6	4	3	2	3	2
28	2	3	3	3	1	4	3	5	4	1	2	2
29	3		3	4	0.9	4	4	4	3	2	2	0.8
30	3		2	2	3	4	4	3	3	3	2	1
31	2		1		2		1	3		2		0.4
平均 Mean	2	2	2	3	3	4	4	4	3	3	2	2

表 11(a)

Table 11(a)

京士柏於二零一九年每日的香港暑熱指數最高值

Daily Maximum Hong Kong Heat Index at King's Park in 2019

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	15.9	18.3	21.2	20.1	26.2	29.0	30.6	26.3	29.0	27.5	25.4	22.2
02	13.6	20.2	22.5	20.6	21.7	29.5	29.9	28.2	27.0	28.6	25.3	16.2
03	15.8	24.7	23.1	23.2	22.3	29.0	27.4	26.9	28.0	27.8	26.0	15.0
04	20.4	24.7	21.5	21.8	21.0	30.1	30.0	29.1	28.3	28.2	22.7	15.4
05	22.5	21.3	24.9	25.2	21.1	30.7	30.0	30.1	28.1	28.8	22.0	11.3
06	18.7	23.4	20.5	25.8	22.0	30.4	30.1	29.9	28.9	25.3	22.6	14.4
07	18.5	24.4	18.8	26.3	19.8	30.1	30.6	29.1	30.4	26.9	21.1	13.3
08	19.3	24.2	16.2	27.6	20.0	30.5	29.4	30.7	30.4	27.4	21.2	15.0
09	18.3	19.3	18.3	26.7	25.1	30.5	29.8	31.2	29.5	26.9	21.2	16.7
10	20.4	17.3	17.7	27.9	25.1	30.1	29.4	32.0	29.4	27.8	22.2	18.4
11	23.9	17.9	20.1	27.4	26.0	29.6	29.5	30.5	30.1	28.5	23.4	18.9
12	23.3	20.6	21.0	23.4	25.6	30.2	30.2	32.4	29.8	28.2	23.3	18.3
13	18.3	23.1	21.0	20.6	25.8	30.1	30.1	31.0	30.5	28.9	24.4	19.2
14	18.6	22.0	20.2	24.6	28.9	28.9	30.1	31.4	30.0	26.6	22.2	19.9
15	21.1	21.6	18.1	22.0	29.0	28.1	30.6	31.4	29.2	24.6	22.0	18.8
16	18.8	23.9	17.9	23.1	29.3	27.6	30.7	31.1	28.9	24.1	22.8	21.7
17	18.6	18.7	21.6	25.2	29.9	27.7	30.9	29.2	29.2	24.7	24.9	24.3
18	15.9	17.5	23.1	23.8	30.3	29.6	32.2	30.6	29.1	25.1	25.6	24.6
19	19.5	23.8	25.2	27.1	30.5	30.0	31.4	30.5	27.4	25.2	19.0	21.6
20	22.1	25.2	24.1	25.3	30.7	30.7	31.1	29.0	25.2	24.5	20.5	19.6
21	17.8	23.4	25.4	29.1	24.5	31.1	30.3	28.9	24.9	25.5	20.9	20.8
22	15.9	22.9	25.4	28.5	26.3	30.8	29.8	30.1	23.2	23.9	21.8	22.0
23	17.0	17.8	23.5	29.3	26.3	30.5	30.4	30.2	25.7	24.4	24.6	20.3
24	16.9	18.1	16.7	28.5	24.7	29.4	30.4	30.8	27.0	25.2	24.2	22.1
25	20.2	17.4	21.9	28.9	28.8	28.5	30.2	28.7	26.4	25.5	24.1	21.0
26	19.4	18.5	23.0	29.6	27.7	30.0	30.4	28.5	27.1	25.4	20.9	22.7
27	16.8	22.9	23.6	24.5	27.2	30.8	30.3	30.1	27.2	26.1	22.5	18.1
28	16.6	24.4	25.8	25.5	27.3	31.8	30.4	30.7	27.9	27.4	19.5	18.7
29	18.9		25.7	27.6	24.4	31.1	29.7	29.7	28.5	21.6	19.6	18.7
30	19.5		22.8	27.4	25.4	30.8	29.1	28.6	27.8	22.3	20.7	21.2
31	23.2		21.1		27.2		26.4	29.2		23.2		18.5
最高 Maximu	23.9	25.2	25.8	29.6	30.7	31.8	32.2	32.4	30.5	28.9	26.0	24.6

- 表示無數據

- means no data

表 11(b)

Table 11(b)

京士柏於二零一九年每日上午七時至下午六時的香港暑熱指數平均值
Daily Mean Hong Kong Heat Index between 7 a.m. and 6 p.m. at King's Park in 2019

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	12.5	15.0	19.3	18.5	23.9	26.8	28.6	25.3	27.0	25.9	23.3	20.0
02	11.9	17.3	20.6	19.0	20.5	27.1	27.8	26.3	26.0	27.4	22.9	13.9
03	14.6	21.7	20.5	21.7	19.5	26.6	25.8	25.7	26.6	26.4	24.2	12.0
04	17.7	21.6	19.4	20.1	19.7	27.3	27.8	26.2	25.9	25.9	20.1	12.2
05	19.8	19.0	22.2	23.1	20.7	28.7	28.4	28.3	26.6	26.5	19.5	10.1
06	17.2	21.4	19.2	24.2	21.0	28.7	28.5	27.8	27.5	23.8	20.8	11.2
07	17.1	22.3	16.6	24.8	19.1	28.6	28.0	27.1	28.6	25.4	19.0	11.0
08	18.0	21.0	15.5	25.6	19.0	28.8	28.1	28.8	29.0	26.0	18.7	11.8
09	16.7	18.3	17.3	25.2	22.5	28.6	28.3	29.7	28.0	25.5	19.0	14.2
10	18.0	16.7	16.7	26.0	23.3	28.5	27.4	29.8	28.2	25.9	20.1	16.2
11	20.3	16.9	17.2	25.8	24.4	27.5	27.9	29.3	28.3	26.7	20.7	16.4
12	20.9	18.4	19.0	20.6	24.1	27.3	28.5	30.2	28.3	26.4	21.3	15.7
13	17.5	20.1	18.3	20.0	24.1	26.8	28.5	29.9	28.3	25.6	22.3	17.3
14	17.4	19.4	18.7	21.9	27.2	26.8	28.3	29.0	28.0	24.4	19.5	17.8
15	18.7	19.1	16.0	20.0	27.1	26.7	29.1	28.9	26.9	23.3	20.2	17.7
16	15.1	21.7	16.5	20.3	28.0	26.3	29.0	28.9	27.4	22.0	20.7	19.0
17	15.4	17.3	19.2	23.0	28.3	26.2	29.4	27.1	27.1	23.0	22.4	21.4
18	14.7	16.6	20.7	22.8	28.9	27.8	30.2	27.4	27.3	23.4	22.8	21.9
19	16.9	20.3	23.0	23.9	29.0	28.2	28.5	28.0	25.9	23.2	17.1	18.4
20	19.1	22.8	22.6	23.1	28.3	29.3	27.9	27.6	23.5	23.1	18.3	17.1
21	15.1	21.3	24.0	26.0	23.1	29.6	28.5	27.6	22.6	23.0	19.1	18.1
22	12.7	20.0	24.3	26.6	24.4	29.6	28.0	28.3	21.2	22.0	19.2	19.9
23	13.7	16.6	18.6	27.4	25.0	29.0	28.4	27.9	23.2	23.0	21.9	18.6
24	14.9	15.6	15.9	27.0	23.7	28.0	28.8	29.3	24.8	23.4	22.2	19.8
25	16.9	16.4	19.9	27.4	26.1	26.6	28.8	26.2	24.4	23.5	21.9	19.1
26	16.9	17.4	21.0	27.4	25.9	27.7	29.4	25.8	25.0	23.4	19.0	20.3
27	14.7	20.1	21.4	23.2	25.8	29.3	29.1	28.3	24.9	23.7	20.7	15.3
28	14.6	22.2	24.1	23.5	25.4	29.5	27.7	28.8	25.3	23.9	16.8	15.9
29	16.7		24.1	25.8	23.6	29.5	27.2	27.8	26.7	19.1	16.8	17.3
30	17.3		21.6	25.2	23.4	28.9	27.5	26.3	26.5	19.8	18.2	19.8
31	20.7		19.5		25.2		25.1	26.6		21.2		17.5
平均 Mean	16.6	19.2	19.8	23.6	24.2	28.0	28.2	27.9	26.3	24.1	20.3	16.7

- 表示無數據

- means no data

表 11(c)

Table 11(c)

雙魚河於二零一九年每日的香港暑熱指數最高值
Daily Maximum Hong Kong Heat Index at Beas River in 2019

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	13.5	16.4	21.9	20.1	24.5	28.5	-	25.1	29.0	28.1	25.5	22.1
02	13.1	20.6	23.0	21.2	21.0	29.0	-	26.9	27.2	28.8	25.2	16.1
03	13.0	23.7	23.1	23.5	20.2	28.4	-	26.4	28.3	-	25.1	15.0
04	18.9	23.5	21.0	22.2	20.5	29.9	-	28.6	27.7	26.8	22.2	15.4
05	21.6	21.8	23.6	25.2	21.4	29.8	29.6	30.0	28.7	28.6	21.8	11.6
06	17.2	24.3	20.3	26.3	21.6	29.7	30.2	29.4	29.1	26.3	22.4	14.4
07	18.0	24.1	17.3	26.4	20.1	30.0	29.8	29.5	30.8	26.8	20.7	14.1
08	18.4	23.8	15.5	27.2	19.8	29.6	29.7	30.9	31.3	27.0	21.2	14.8
09	19.2	20.3	18.0	26.6	25.2	29.6	29.1	31.2	30.7	26.6	20.8	16.5
10	21.0	17.6	16.1	28.0	25.9	29.9	28.8	31.5	28.9	27.5	21.6	18.7
11	23.0	17.0	20.2	26.9	27.3	28.0	29.4	30.9	30.0	29.6	22.6	19.1
12	22.3	20.4	21.2	21.4	25.1	28.8	29.6	31.0	30.7	29.1	23.3	18.0
13	18.7	21.9	20.7	20.4	26.1	30.0	29.7	30.7	30.5	27.5	25.0	19.8
14	19.2	22.5	19.5	23.6	29.1	28.3	30.3	30.9	31.0	25.6	22.3	20.7
15	20.4	21.9	16.7	21.0	29.4	27.5	30.1	30.7	29.2	25.2	22.6	18.4
16	16.0	23.4	18.0	22.5	30.1	26.7	30.3	30.0	29.7	24.5	23.2	22.4
17	17.5	18.5	20.7	26.1	29.2	28.0	31.6	29.5	29.6	24.7	26.4	24.6
18	15.7	16.6	22.8	23.6	30.5	29.8	31.4	29.2	29.2	24.5	27.4	24.5
19	19.9	23.3	25.4	27.0	30.1	30.3	31.7	30.5	27.3	25.0	22.5	20.5
20	22.4	25.5	23.7	23.9	30.5	30.7	29.7	29.3	26.1	25.4	17.9	20.2
21	16.7	23.7	25.9	27.8	24.3	30.3	30.0	28.9	25.5	24.7	21.1	20.8
22	14.8	21.6	25.9	27.9	26.4	30.3	29.0	30.0	24.5	23.8	23.1	21.3
23	17.7	17.8	21.3	28.2	26.2	29.0	29.7	30.0	25.7	24.3	24.2	20.8
24	17.3	15.9	16.2	28.1	25.1	28.8	30.0	31.3	25.8	25.0	23.9	22.7
25	20.8	15.5	20.3	28.3	27.6	29.3	30.5	28.1	27.0	24.6	24.3	20.5
26	19.6	18.8	23.0	29.0	27.5	29.8	30.4	28.4	27.0	25.4	21.3	22.2
27	17.9	22.5	23.7	24.9	26.2	30.9	30.2	29.9	27.4	25.4	23.1	17.2
28	17.7	24.6	25.7	25.5	26.6	30.8	29.4	31.1	27.3	26.2	18.0	18.5
29	18.5		25.6	27.8	24.3	31.1	29.5	29.1	28.2	21.1	19.1	18.1
30	20.6		22.4	27.2	24.5	-	28.5	28.5	28.1	22.1	20.8	21.9
31	23.5		20.8		25.8		26.7	28.8		23.2		18.6
最高 Maximum	23.5	25.5	25.9	29.0	30.5	31.1	31.7	31.5	31.3	29.6	27.4	24.6

- 表示無數據

- means no data

表 11(d)

雙魚河於二零一九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 2019

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	10.2	13.3	19.7	18.2	22.5	26.3	-	24.4	26.4	26.0	22.9	18.5
02	10.5	17.1	20.8	19.1	19.9	26.1	-	25.3	25.1	26.2	23.1	13.4
03	11.4	20.8	20.0	21.8	19.0	26.3	-	25.1	26.0	-	22.8	11.2
04	16.9	19.9	18.4	20.1	18.8	27.1	-	26.4	25.5	26.1	19.6	11.8
05	18.2	19.0	21.0	22.7	20.2	27.7	28.6	28.0	26.3	26.1	19.0	10.1
06	14.7	21.2	19.2	23.8	20.7	28.1	28.0	27.2	27.2	23.6	19.9	11.4
07	16.6	21.2	14.9	23.9	18.9	28.1	27.7	27.4	28.4	24.6	18.5	10.9
08	17.0	19.8	14.8	24.8	18.9	28.1	28.1	28.8	28.6	25.6	18.3	11.1
09	16.0	18.3	16.7	24.8	21.7	28.1	27.5	29.6	27.8	25.0	18.1	12.8
10	17.9	16.7	14.9	25.3	23.8	27.9	26.4	29.9	27.6	25.5	19.1	14.4
11	19.8	14.0	16.6	25.1	24.7	25.7	27.5	29.1	28.0	26.3	18.9	14.8
12	20.0	17.3	18.2	19.7	23.6	26.6	28.2	29.3	28.2	26.5	20.9	14.5
13	17.6	19.3	17.9	19.6	24.5	26.5	28.1	29.3	28.3	24.8	22.1	17.2
14	17.5	19.7	18.3	21.7	27.1	26.2	28.1	28.7	28.0	23.9	18.9	17.4
15	18.2	19.1	15.1	19.7	27.1	25.6	28.4	28.3	26.8	23.1	20.0	17.4
16	13.2	20.9	16.2	19.9	28.2	25.4	28.6	28.3	27.4	22.1	20.3	19.0
17	13.8	17.4	18.5	22.9	27.9	25.6	29.2	27.1	26.8	22.7	20.5	21.4
18	13.4	15.9	20.0	22.2	28.5	27.5	29.4	26.4	27.3	22.4	21.9	21.1
19	17.3	19.9	22.2	22.8	28.6	27.7	27.5	27.8	25.7	22.5	17.1	18.0
20	19.2	22.9	22.5	22.5	27.0	28.6	26.6	27.2	24.0	23.0	16.6	16.4
21	13.7	21.5	23.4	25.6	22.4	29.0	27.5	27.2	23.4	22.1	19.8	17.2
22	11.4	18.3	23.8	26.2	24.5	28.9	26.7	27.6	21.9	21.5	18.9	19.2
23	12.7	16.1	18.1	26.3	24.5	27.7	27.9	27.3	23.0	22.3	21.2	18.2
24	14.0	13.1	14.8	26.2	23.5	27.1	27.9	29.1	24.3	22.8	20.7	19.5
25	16.3	14.1	17.9	26.5	25.6	26.6	28.4	25.4	24.6	22.8	21.6	18.4
26	15.8	16.9	20.8	26.7	25.4	27.2	28.6	25.1	24.6	23.1	18.5	19.1
27	15.3	20.0	21.1	22.6	24.9	28.6	28.6	27.5	24.9	22.5	20.6	14.0
28	15.3	22.0	23.4	23.5	24.6	28.4	26.6	28.9	25.1	22.8	15.4	14.4
29	16.1		23.3	25.5	23.3	29.0	26.9	27.1	25.9	18.6	15.6	16.4
30	16.9		21.1	24.8	22.6	-	26.8	26.4	26.3	18.9	16.9	19.8
31	19.9		19.5		24.8		24.3	26.0		20.1		17.3
平均 Mean	15.7	18.4	19.1	23.2	23.8	27.3	27.7	27.5	26.1	23.5	19.6	16.0

- 表示無數據

- means no data

表 12

Table 12

橫瀾島於二零一九年每日的盛行風

Daily Prevailing Wind at Waglan Island in 2019

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	350	26.5	010	25.7	060	30.6	070	45.4	020	17.9	220	18.9	080	27.7	100	48.0	060	44.1	250	18.6	070	37.5	360	14.0
02	360	26.3	050	28.6	070	23.3	070	35.7	060	36.5	240	20.3	070	32.7	080	35.1	070	47.4	240	22.3	070	28.2	360	44.2
03	030	26.0	020	11.3	010	8.0	060	23.5	060	36.6	220	24.2	170	19.5	060	27.8	050	39.3	220	16.2	070	20.7	360	31.2
04	060	30.1	070	12.8	080	26.0	070	29.2	070	43.3	220	17.0	190	28.9	050	20.8	080	34.7	150	9.0	360	26.6	360	31.8
05	330	6.3	050	23.7	070	22.7	010	14.2	060	39.9	190	14.5	230	31.4	030	12.8	090	25.4 *	080	6.3	070	25.4	050	45.2
06	020	20.0	030	12.3	040	24.3	230	13.5	060	42.0	180	17.8	230	31.2	030	12.5	050	20.3	060	36.6	070	28.9	360	49.3
07	070	27.2	170	9.0	040	39.5	230	12.6	070	49.7	210	21.0	210	30.8	050	15.3	010	7.2	080	42.5	360	23.5	360	37.4
08	070	18.3	070	22.8	060	46.0	210	14.0	060	42.1	220	24.6	210	31.1	230	17.0	210	9.0	080	29.0	360	29.5	090	23.3
09	070	32.5	070	38.8	050	25.1	180	17.7	040	20.3	220	35.6	220	38.2	240	26.6	140	7.8	080	32.8	070	29.3	070	23.8
10	060	24.5	060	41.6	360	17.3	220	17.1	080	13.0	220	29.5	230	29.8	240	40.3	090	13.1	080	17.5	060	21.5	050	16.9
11	040	12.8	040	27.3	360	17.0	180	15.0 *	070	15.4	220	11.8	190	15.1	230	40.4	090	8.2	240	10.4	080	20.8	080	11.3
12	020	6.7	060	23.8	070	21.0	070	43.2	050	22.1	040	17.2	210	29.2	240	33.9	050	11.8	140	10.0	070	30.9	070	36.8
13	070	26.9	030	14.7	050	30.0	070	38.7	040	19.4	260	18.5 *	220	35.5	230	34.1	080	13.2	030	18.7	070	20.0	070	32.5
14	070	25.8	060	28.8	060	32.3	050	25.9	030	8.6	340	14.4 *	220	29.9	230	29.3	100	7.5	070	26.5	360	29.8	060	25.6
15	060	21.8	060	24.9	010	25.1	070	41.7	160	8.9	110	20.6 *	190	11.5	240	31.2	080	9.8	070	47.1	080	25.9	060	31.0 *
16	360	26.5	070	17.6	070	34.9	070	24.6	230	30.3	090	28.0 *	220	9.8	230	28.8	090	14.5	080	37.5	070	22.4	040	18.6
17	360	20.3	070	43.4	060	34.0	050	9.8	230	28.9	090	26.2 *	290	14.2	230	19.0	090	27.4	080	20.1 *	060	17.1	030	13.8
18	060	26.4	070	35.3	060	20.1	080	18.5	230	26.9	110	12.0 *	280	14.0	230	19.1	080	22.8	070	19.3	360	14.7	030	20.1
19	050	20.6	030	22.0	100	9.0	040	18.3	220	25.2	150	9.2 *	250	24.1	280	6.4	130	16.9	080	19.3	360	25.9	070	27.3
20	030	20.6	010	13.8	090	14.1	030	14.5	230	14.5	200	18.0 *	240	21.4	090	17.4	350	16.9	080	25.5	070	26.3	070	24.4
21	360	25.6	030	17.6	160	7.6	030	7.8	070	34.3	220	30.0	240	10.8	060	14.8	360	31.1	080	18.2	070	19.7	020	16.9
22	360	23.6	360	18.4	160	13.8	190	10.6	070	17.3	220	31.6	110	8.8	080	5.9	360	40.3	080	21.6	090	11.5	030	7.2
23	010	15.5	060	36.5	060	39.7	220	13.8	080	26.2	230	30.4	020	12.4	080	4.9	360	28.4	070	25.2	060	17.8	070	23.4
24	060	25.6	010	17.9	070	44.9	220	17.1	080	37.6	220	27.5	160	13.8	260	21.2	060	21.0	070	32.0	060	17.8	060	17.2 *
25	050	14.8	030	20.0	060	19.1	230	19.0	070	24.7	070	9.4	230	17.6	260	27.1	090	16.9	070	33.3	080	40.3	060	21.8 *
26	070	28.5	060	34.5	070	26.3	220	13.6	120	12.7	230	12.9	240	17.8	050	16.7	080	17.7	070	30.3	080	41.3	360	19.3
27	070	37.5	040	20.2	060	22.8	080	39.5	140	10.5	230	17.2	240	19.0	120	16.0	080	16.3	080	21.6	070	33.1	360	32.0
28	060	28.8	020	12.7	030	7.4	070	31.0	030	10.6	200	19.7	220	10.9	070	17.7	080	12.0	080	19.9	360	32.5	070	28.3
29	040	24.6			230	14.2	070	13.2	070	41.4	190	21.6	060	27.0	070	34.7	150	9.5	360	27.9	010	32.8	050	22.7
30	050	25.8			060	20.0	180	17.6	070	37.3	190	11.7	070	46.7	090	14.8	250	13.1	060	28.2	070	25.7	070	22.8
31	010	11.8			070	44.3			070	13.8			080	59.9	070	25.5			060	37.1			070	43.1
平均 Mean	060	22.8	060	23.4	060	24.5	070	21.9	070	26.1	220	20.4	230	24.2	240	23.1	080	20.1	080	24.5	070	25.9	070	26.2
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

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

* 風向資料以長洲氣象站錄得的數據替代。

* Wind directions were replaced by the data recorded at Cheung Chau.

表 13
Table 13

二零一九年一月氣象要素的數值
Monthly Values of Meteorological Elements in January 2019

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	平均 Mean	總雨量 Total	毫米 mm	%
	度 degrees	公里 /小時 km / hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa				
天文台 HKO	100	10.3	20.4	18.1	16.4	15.7	13.7	76	1021.3	4.7	68		
香港國際機場 HKA	080	14.1	21.1	18.1	15.8	14.7	12.2	69	1021.5	1.4	65		
沙田 Sha Tin	030	6.2	20.9	17.6	14.9	14.9	12.7	74	1021.3	4.5			
流浮山 Lau Fau Shan	070	10.6	20.6	16.9	14.3	14.5	12.4	76	1021.3	2.5			
打鼓嶺 Ta Ku Ling	100	6.7	21.9	17.2	13.6	14.5	12.2	74	1021.6	5.0			
大帽山 Tai Mo Shan	110	22.5	15.9	12.7	10.1	11.3	9.6	84	1022.9	23.0			
大老山 Tate's Cairn	100	23.6	16.8	13.5	11.1	12.3 (92)	11.3 (92)	88 (92)	1021.9	12.5			
黃麻角(赤柱) Bluff Head (Stanley)	070 (33)	12.3 (99)	20.6 (33)	17.4 (33)	15.2 (33)								
黃竹坑 Wong Chuk Hang	100	5.6	21.3	18.0	15.4	15.5	13.6	76					
橫瀾島 Waglan Island	060	22.8	19.4	17.1	15.6	15.1	13.5	80	1020.7	2.5 (99)	5.0		
青洲 Green Island	060	20.2											
將軍澳 Tseung Kwan O	060	5.4	20.8	17.2	14.6	15.0	13.2	79					
長洲 Cheung Chau	100	15.1	21.6	17.5	15.0	15.4	13.7	80	1021.1	3.5			
京士柏 King's Park	100 (98)	8.8 (98)	20.6 (95)	17.6 (95)	15.5 (95)	14.9 (95)	12.7 (95)	74 (95)	1021.3 (95)	5.9 (98)			
平洲 Ping Chau	330	3.6	21.4	17.3	14.7					6.0 (99)			
吉澳 Kat O		-	-	-	-						-		
大美督 Tai Mei Tuk	050	9.2	21.9	17.6	14.9						8.0		
沙螺灣 Sha Lo Wan	090	7.2	22.6 (24)	18.7 (24)	15.5 (24)	14.7 (24)	11.3 (24)	63 (24)	1021.6	4.0			
西貢 Sai Kung	020	8.2	19.8	17.3	15.4	14.7	12.4	74					
塔門 Tap Mun			20.7	17.0	14.1						4.0		
鯉魚湖 Tsak Yue Wu			21.1 (97)	16.6 (97)	13.0 (97)	14.5 (97)	12.8 (97)	80 (97)			3.5 (97)		
石崗 Shek Kong	070	5.4	22.1	17.6	14.3		12.5 (92)	74 (92)	1021.7	8.0			
彌勒山 Nei Lak Shan	090 (93)	22.1 (93)	-	-	-	-	-	-					
啟德 Kai Tak	110	10.5									1.5		
大埔 Tai Po			19.9	17.1	14.7	14.6	12.5	75	1021.7				
昂坪 Ngong Ping	-	-	17.1	13.8 (88)	11.3								
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 (46)	13.7 (46)	19.0 (40)	18.1 (43)	16.0 (40)		14.0 (43)	77 (43)	1022.0 (43)				
山頂 The Peak			18.3	15.2	13.2						4.5		
坪洲 Peng Chau	090 (99)	15.8 (99)	20.8 (99)	17.8	15.7 (99)	15.7	14.1	80	1021.2	2.5 (99)			
上水 Sheung Shui			21.6	17.1	14.1	14.8 (99)	12.8 (99)	77 (99)	1021.5	6.0			
中環碼頭 Central Pier	100	13.0											
濕地公園 Wetland Park	060	4.7	21.8	17.5	14.5	15.2	13.4	78	1021.5	6.5			
荃灣可觀 Tsuen Wan Ho Koon			20.9	16.8	14.1	14.7	12.9	79		3.0			
屯門兒童及青少年院 Tuen Mun Children and Juvenile Home			21.2	17.7	15.2		12.6	74		2.5			
香港公園 Hong Kong Park			20.9	18.0	15.8								
筲箕灣 Sha Kei Wan			20.1	17.3	15.4					4.0			
九龍城 Kowloon City			21.7	17.9	15.3								
澤西洲 Kau Sai Chau			20.6 (98)	16.8 (98)	14.3 (98)	14.7 (98)	12.9 (98)	79 (98)		4.0 (98)			
跑馬地 Happy Valley			21.6 (99)	18.3	15.7 (99)					3.0 (99)			
黃大仙 Wong Tai Sin			21.6 (99)	18.2 (99)	15.7 (99)								
赤柱 Stanley			20.1	17.5	15.8								
觀塘 Kwun Tong			20.8	17.5	15.4								
深水埗 Sham Shui Po			21.6 (88)	18.1 (91)	15.7 (88)					3.5 (87)			
新青衣站 New Tsing Yi Station			21.5	18.2	15.8	14.9 (88)	12.2 (88)	69 (88)					
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			19.5	15.3	12.8					9.5			
荃灣城門谷 Tsuen Wan Shing Mun Valley			21.9	17.8	15.0	15.1	13.0	74					
南丫島 Lamma Island	090	11.2									3.0		
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)	120 (47)	13.1 (47)	20.2 (45)	18.5 (45)	17.1 (45)		12.6 (45)	70 (45)	1020.4 (45)				
雙魚河 Beas River			21.7	17.0	13.1		10.0 (3)	68 (3)		5.0			
啓德跑道公園 Kai Tak Runway Park	140	11.9	20.4	17.9	16.1								
元朗公園 Yuen Long Park			22.0	17.5	14.1								
清水灣 Clear Water Bay			19.1	17.0	15.3								
屯門政府合署 Tuen Mun Government Offices	020 (98)	6.5 (98)											
九龍天星碼頭 Star Ferry, Kowloon	100	10.7											
青衣蜆殼油庫 Shell Oil Depot	320	7.3											
大磨刀 Tai Mo To	120	13.6											
小蠛灣 Siu Ho Wan	180 (92)	9.3 (92)											
二東山 Yi Tung Shan	340 (99)	21.1 (99)											
沙洲 Sha Chau	350	14.6											
北角 North Point	090	12.3											
大澳 Tai O	350	15.1											
長洲泳灘 Cheung Chau Beach	080	12.4											
大埔滘 Tai Po Kau	090 (99)	8.9 (99)											
塔門東 Tap Mun East	350	11.4											

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)

二零一九年二月氣象要素的數值
Monthly Values of Meteorological Elements in February 2019

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	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	毫米 mm	平均 Mean		
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫巴 mb	百分比 %						
天文台 HKO	100	12.1	22.6	20.1	18.4	18.5	17.5	85	1018.1	68.7	82						
香港國際機場 HKA	080	19.5	24.3	20.8	18.3	18.1	16.7	78	1017.9	62.7	76						
沙田 Sha Tin	090	7.1	23.0	19.8	17.5	17.9	16.7	83	1018.0	61.0							
流浮山 Lau Fau Shan	070	12.9	24.7	19.9	17.0	17.9	16.6	82	1017.7	49.0							
打鼓嶺 Ta Ku Ling	100	8.8	24.0	19.8	17.2	17.8	16.4	81	1018.1	52.0							
大帽山 Tai Mo Shan	120	23.9	17.7	14.8	13.1	14.4	14.0	95	1019.7	125.0							
大老山 Tate's Cairn	100	24.2	18.5	15.7	13.8	15.4	15.2	98	1018.7	88.0							
黃麻角(赤柱) Bluff Head (Stanley)	070	15.9	22.7	19.4	17.5												
黃竹坑 Wong Chuk Hang	050	6.9	23.2	20.2	18.0	18.6	17.6	85									
橫瀾島 Waglan Island	060	23.4	21.4	18.9	17.5	18.0	17.4	91	1017.5	62.0 (99)	54.5						
青洲 Green Island	060	23.8															
將軍澳 Tseung Kwan O	060	5.9	22.1	19.1	17.2	17.8	17.0	88		67.0							
長洲 Cheung Chau	090	16.6	23.4	19.8	17.7	18.3	17.4	87	1017.8	86.0							
京士柏 King's Park	100	10.4	22.8	19.7	17.7	18.0	16.9	84	1018.0	67.3							
平洲 Ping Chau	080	5.0	23.8	20.1	17.7						40.5						
吉澳 Kat O		-	-	-	-							-					
大美督 Tai Mei Tuk	060	11.2	23.6	19.6	17.4							0.0 (62)					
沙螺灣 Sha Lo Wan	080	10.8	24.6	20.8	18.2	18.2	16.5	77	1017.9	67.0							
西貢 Sai Kung	080	8.1	21.6	19.3	17.7	17.5	16.3	83									
塔門 Tap Mun		-	-	-	-	-	-					54.5					
鯉魚湖 Tsak Yue Wu		-	-	-	-	-	-					14.0 (69)					
石崗 Shek Kong	090	7.3	25.0	20.4	17.3							65.5					
彌勒山 Nei Lak Shan	130	29.3	-	-	-	-	-	-									
啟德 Kai Tak	120	12.1										67.5					
大埔 Tai Po		-	-	-	-	-	-										
昂坪 Ngong Ping	-	-	21.6	19.2	17.2	17.7	16.7	86	1018.4								
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 (5)	13.1 (5)	22.7 (3)	22.8 (4)	20.4 (3)			18.1 (4)	75 (4)	1018.7 (4)							
山頂 The Peak		-	20.9	17.6	15.7							81.5					
坪洲 Peng Chau	090	17.2	23.0	20.0	18.0	18.6	17.8	88	1017.9	51.5							
上水 Sheung Shui		-	-	-	-	-	-					59.0					
中環碼頭 Central Pier	100	15.6		-	-	-	-										
濕地公園 Wetland Park	060	6.6	24.3	20.2	17.5	18.5	17.4	85	1018.0	45.5							
荃灣可觀 Tsuen Wan Ho Koon		-	-	-	-	-	-					55.0					
屯門兒童及青少年院		-	-	-	-	-	-										
Tuen Mun Children and Juvenile Home		-	-	-	-	-	-					47.5					
香港公園 Hong Kong Park		-	-	-	-	-	-										
筲箕灣 Shau Kei Wan		-	-	-	-	-	-					84.0					
九龍城 Kowloon City		-	-	-	-	-	-										
濱西湖 Kau Sai Chau		-	-	-	-	-	-					54.5					
跑馬地 Happy Valley		-	-	-	-	-	-					80.0					
黃大仙 Wong Tai Sin		-	-	-	-	-	-										
赤柱 Stanley		-	-	-	-	-	-										
觀塘 Kwun Tong		-	-	-	-	-	-										
深水埗 Sham Shui Po		-	-	-	-	-	-					53.0					
新青衣站 New Tsing Yi Station		-	-	-	-	-	-										
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden		-	-	-	-	-	-					75.5					
荃灣城門谷 Tsuen Wan Shing Mun Valley		-	-	-	-	-	-										
南丫島 Lamma Island	090	13.3										92.0					
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)	120 (60)	16.9 (60)	22.2 (57)	20.6 (58)	18.9 (57)			17.2 (46)	81 (46)	1017.2 (58)							
雙魚河 Beas River		-	23.7	19.6	16.6			-	-			62.0					
啓德跑道公園 Kai Tak Runway Park	130	13.7	22.0	19.6	18.1												
元朗公園 Yuen Long Park		-	-	-	-	-	-										
清水灣 Clear Water Bay		-	-	-	-	-	-										
屯門政府合署 Tuen Mun Government Offices	150	8.6															
九龍天星碼頭 Star Ferry, Kowloon	090	12.0															
青衣蜆殼油庫 Shell Oil Depot	110	10.2															
大磨刀 Tai Mo To	110	17.5															
小蠔灣 Siu Ho Wan	090 (99)	11.8 (99)															
二東山 Yi Tung Shan	140 (99)	28.1 (99)															
沙洲 Sha Chau	110	18.8															
北角 North Point	090	14.0															
大澳 Tai O	130	22.3															
長洲泳灘 Cheung Chau Beach	070	14.1															
大埔滘 Tai Po Kau	090	11.3															
塔門東 Tap Mun East	130 (95)	14.0 (95)															

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)

二零一九年三月氣象要素的數值
Monthly Values of Meteorological Elements in March 2019

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	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	毫米 mm	平均 Mean		
	度 degrees	公里 /小時 km / hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫巴 mb	毫巴 mb			%			
天文台 HKO	090	12.1	23.3	21.0	19.4	19.3	18.2	84	1015.2	186.5	81						
香港國際機場 HKA	090	18.6	24.6	21.6	19.3	19.0	17.6	79	1015.1	170.1	76						
沙田 Sha Tin	090	7.2	23.2	20.6	18.6	18.6	17.4	82	1015.2	153.0							
流浮山 Lau Fau Shan	070	12.3	24.2	20.4	17.8	18.7	17.6	85	1014.8	119.0							
打鼓嶺 Ta Ku Ling	100	7.6	24.0	20.6	18.0	18.5	17.2	82	1015.3	117.5							
大帽山 Tai Mo Shan	110	28.0	17.7	15.4	13.3	14.8	14.3	94	1016.8	191.0							
大老山 Tate's Cairn	100 (99)	25.7 (99)	19.0	16.4	14.7	16.1	15.8	97	1015.8	236.5							
黃麻角(赤柱) Bluff Head (Stanley)	070	15.5	23.0	20.3	18.5												
黃竹坑 Wong Chuk Hang	050	7.0	23.5	20.9	18.8	19.3	18.3	86									
橫瀾島 Waglan Island	060	24.5	22.5	20.3	18.8	19.7	19.3	94	1014.6	88.5							
青洲 Green Island	060 (93)	24.6 (93)													132.0 (95)		
將軍澳 Tseung Kwan O	010	5.7	22.5	20.0	17.9	18.6	17.8	88							208.0		
長洲 Cheung Chau	090	17.4	23.5	20.4	18.4	19.2	18.5	90	1015.0	123.0							
京士柏 King's Park	090	10.6	23.2	20.6	18.7	18.8	17.6	84	1015.2	206.1							
平洲 Ping Chau	080	5.0	23.7	20.7	18.4										158.0		
吉澳 Kat O		-	-	-	-										-		
大美督 Tai Mei Tuk	050	11.6	23.4	20.2	18.0										13.0 (60)		
沙螺灣 Sha Lo Wan	090	11.3	24.7	21.4	19.1	18.9	17.4	79	1015.1	190.5							
西貢 Sai Kung	070	8.2	22.3	20.3	18.6	18.3	17.0	82									
塔門 Tap Mun		-	-	-	-	-	-								185.5		
鯉魚湖 Tsak Yue Wu		-	-	-	-	-	-								199.5		
石崗 Shek Kong	090	7.8	24.8	21.2	18.3										1015.3	122.5	
彌勒山 Nei Lak Shan	130 (99)	29.8 (99)	-	-	-	-	-	-							-		
啟德 Kai Tak	110	11.7													175.5		
大埔 Tai Po		-	-	-	-	-	-										
昂坪 Ngong Ping		-	-	-	-	-	-										
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 (75)	17.6 (75)	23.9 (74)	22.6 (75)	20.4 (74)				18.5 (75)	78 (75)	1016.4 (75)						
山頂 The Peak		-	-	21.0	18.2	16.4									155.5		
坪洲 Peng Chau	090	17.4	23.4	20.8	19.0	19.5	18.6	88	1015.0	171.0							
上水 Sheung Shui		-	-	23.7	20.3	17.7	18.7 (98)	17.7 (98)	86 (98)	1015.0	125.5						
中環碼頭 Central Pier	100	15.7															
濕地公園 Wetland Park	070	6.2	24.3	20.9	18.4	19.3	18.3	86	1015.2	127.0							
荃灣可觀 Tsuen Wan Ho Koon		-	-	23.2	20.0	17.9	18.6	17.7	87						126.0		
屯門兒童及青少年院		-	-														
Tuen Mun Children and Juvenile Home		-	-	23.6	20.9	18.7		18.1	85						131.0		
香港公園 Hong Kong Park		-	-	23.5	20.8	18.9											
筲箕灣 Shau Kei Wan		-	-	22.2	20.1	18.4									147.0		
九龍城 Kowloon City		-	-	23.7	20.6	18.5											
濱西湖 Kau Sai Chau		-	-	22.4 (96)	19.8 (97)	17.7 (96)	18.5 (97)	17.7 (97)	88 (97)						191.0 (96)		
跑馬地 Happy Valley		-	-	24.1	21.2	19.2									144.0		
黃大仙 Wong Tai Sin		-	-	23.9	21.0	18.9											
赤柱 Stanley		-	-	22.6	20.5	18.8											
觀塘 Kwun Tong		-	-	22.8 (99)	20.4 (99)	18.5 (99)											
深水埗 Sham Shui Po		-	-	24.0	21.2	19.1									207.5		
新青衣站 New Tsing Yi Station		-	-	24.0	21.3	19.2	18.9	17.4	79								
嘉道理農場暨植物園		-	-														
Kadoorie Farm and Botanic Garden		-	-	21.9	18.5	16.4									145.5		
荃灣城門谷 Tsuen Wan Shing Mun Valley		-	-	23.8	20.9	18.7	18.9	17.7	83								
南丫島 Lamna Island	090	13.6													137.0		
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)	090	16.4	23.1	21.0	19.1										1015.4		
雙魚河 Beas River		-	-	23.9	20.4	17.4		19.7 (8)	84 (8)						122.5		
啓德跑道公園 Kai Tak Runway Park	090	13.1	22.8	20.7	19.1												
元朗公園 Yuen Long Park		-	-	24.7	21.0	18.2											
清水灣 Clear Water Bay		-	-	21.9	20.0	18.4											
屯門政府合署		-	-														
Tuen Mun Government Offices	150	8.1															
九龍天星碼頭 Star Ferry, Kowloon	090	11.7															
青衣觀殼油庫 Shell Oil Depot	110	9.6															
大磨刀 Tai Mo To	110 (99)	16.5 (99)															
小蠔灣 Siu Ho Wan	100 (98)	11.3 (98)															
二東山 Yi Tung Shan	140 (98)	28.4 (98)															
沙洲 Sha Chau	110 (99)	18.3 (99)															
北角 North Point	090	14.5															
大澳 Tai O	130	21.1															
長洲泳灘 Cheung Chau Beach	070	15.1															
大埔滘 Tai Po Kau	100	10.7															
塔門東 Tap Mun East	120 (83)	13.4 (83)															

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)

二零一九年四月氣象要素的數值
Monthly Values of Meteorological Elements in April 2019

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	平均 Mean	平均 Mean	總雨量 Total	毫米 mm	平均 Mean			
	度 degrees	公里 /小時 km / hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa					%			
天文台 HKO	090	11.4	27.2	24.7	22.9	22.7	21.7	84	1012.1	185.8	76						
香港國際機場 HKA	090	18.6	28.7	25.6	23.3	22.4	21.1	77	1011.9	145.9	72						
沙田 Sha Tin	220	7.8	27.4	24.5	22.3	22.3	21.2	82	1011.9	224.5							
流浮山 Lau Fau Shan	070	13.1	28.1	24.2	21.7	22.3	21.3	84	1011.6	143.0	(98)						
打鼓嶺 Ta Kwu Ling	100	7.5	28.2	24.4	21.5	22.1	21.0	82	1011.9	262.5							
大帽山 Tai Mo Shan	210	27.4	20.9	18.5	16.8	18.2	18.0	97	1013.9	265.0							
大老山 Tate's Cairn	100 (65)	23.7 (96)	23.2	20.2	18.5	19.8	19.6	96	1012.7	225.0							
黃麻角(赤柱) Bluff Head (Stanley)	070	13.9	26.7	23.7	21.8												
黃竹坑 Wong Chuk Hang	050	6.5	26.7	24.2	22.2	22.7	21.9	87									
橫瀾島 Waglan Island	070	21.9	26.7	23.9	22.1	22.9	22.3	91	1011.5	100.5							
青洲 Green Island	060	23.3									135.0						
將軍澳 Tsing Kwan O	190 (93)	5.1 (93)	27.0 (93)	23.8 (93)	21.7 (93)	22.2 (93)	21.3 (93)	87 (93)		181.5 (93)							
長洲 Cheung Chau	090	17.0	27.8	24.0	21.8	22.9	22.4	91	1011.9	134.5							
京士柏 King's Park	090	10.2	27.2	24.3	22.3	22.3	21.3	84	1012.1	183.4							
平洲 Ping Chau	090	4.7	27.3	24.1	22.0						222.0						
吉澳 Kat O			26.3 (55)	24.2 (55)	22.1 (55)						161.0 (55)						
大美督 Tai Mei Tuk	070	11.1	28.3	24.3	21.8						125.5						
沙螺灣 Sha Lo Wan	090	12.3	29.0	25.4	22.9	22.4	20.9	77	1011.8	102.0							
西貢 Sai Kung	170	8.4	26.9	24.2	22.3	22.1	21.0	83			256.5						
塔門 Tap Mun			27.0	23.9	21.4						260.5						
鯉魚湖 Tsak Yue Wu			27.3	23.4	20.3	21.9	21.1	87			195.5						
石崗 Shek Kong	090	7.1	28.7	25.1	22.2			-	-	1012.2							
彌勒山 Nei Lak Shan	210	31.9	-	-	-	-	-	-	-	-							
啟德 Kai Tak	110	11.3									192.0						
大埔 Tai Po			26.7	23.9	21.8	22.2	21.4	86	1012.4								
昂坪 Ngong Ping	-	-	23.3	20.8	19.1												
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 (98)	15.7 (98)	27.3 (35)	25.2 (36)	23.9 (35)			21.2 (36)	78 (36)	1015.1 (36)							
山頂 The Peak			23.9 (84)	21.2 (84)	19.5 (84)						179.0 (83)						
坪洲 Peng Chau	090	15.1	27.5	24.6	22.7	23.1	22.4	88	1011.9	150.0							
上水 Sheung Shui			28.2	24.2	21.4	22.4	21.4	85	1011.7	240.0							
中環碼頭 Central Pier	100	14.2															
濕地公園 Wetland Park	160	6.9	28.3	24.7	22.2	22.9	22.1	86	1011.9	163.5 (89)							
荃灣可觀 Tsuen Wan Ho Koon			26.4 (99)	23.5 (99)	21.4 (99)	22.1 (99)	21.4 (99)	89 (99)		215.5 (99)							
屯門兒童及青少年院																	
Tuen Mun Children and Juvenile Home			27.9	24.7	22.5		21.9	85		191.0							
香港公園 Hong Kong Park			27.0	24.4	22.4												
筲箕灣 Shau Kei Wan			26.4	23.9	22.0						198.0						
九龍城 Kowloon City			27.8	24.4	22.3												
潛洲 Kau Sai Chau			26.7	23.5	21.3	22.3	21.7	90		219.0							
跑馬地 Happy Valley			27.8	24.8	22.6						183.0						
黃大仙 Wong Tai Sin			27.7	24.8	22.6												
赤柱 Stanley			26.3	23.9	22.1												
觀塘 Kwun Tong			27.1	24.2	22.2												
深水埗 Sham Shui Po			27.7	24.8	22.7						107.0 (88)						
新青衣站 New Tsing Yi Station			27.5	24.7	22.6	22.6	21.6	83									
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			25.9 (98)	22.5 (98)	20.3 (98)						199.0 (98)						
荃灣城門谷 Tsuen Wan Shing Mun Valley			27.2	24.4	22.1	22.5	21.5	84			157.5						
南丫島 Lamma Island	090	12.6															
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)	090	16.3	27.2	24.9	22.8			-	-	1012.1							
雙魚河 Beas River			28.1	24.2	21.1		21.4	85		222.0							
啓德跑道公園 Kai Tak Runway Park	100	12.7	27.1	24.5	22.5												
元朗公園 Yuen Long Park			28.9	25.0	22.3												
清水灣 Clear Water Bay			26.0	23.6 (99)	21.9												
屯門政府合署 Tuen Mun Government Offices	150	8.5															
九龍天星碼頭 Star Ferry, Kowloon	090 (99)	11.5 (99)															
青衣蜆殼油庫 Shell Oil Depot	110	10.7															
大磨刀 Tai Mo To	110 (91)	17.1 (91)															
小蠅灣 Siu Ho Wan	160	12.0															
二東山 Yi Tung Shan	140	28.2															
沙洲 Sha Chau	110 (95)	18.9 (95)															
北角 North Point	090	13.4															
大澳 Tai O	130 (65)	21.2 (65)															
長洲泳灘 Cheung Chau Beach	070	12.7															
大埔滘 Tai Po Kau	090	9.9															
塔門東 Tap Mun East	120 (87)	13.1 (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)

二零一九年五月氣象要素的數值
Monthly Values of Meteorological Elements in May 2019

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	平均 Mean	平均 Mean	平均 Mean	總雨量 Total	毫米 mm	平均 Mean		
	度 degrees	公里 /小時 km / hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫巴 mb	毫米 mm	%					
天文台 HKO	090	12.8	27.2	25.3	23.7	23.5	22.7	86	1009.5	234.6	83						
香港國際機場 HKA	090	19.4	29.0	26.2	24.2	23.4	22.2	79	1009.3	247.1	81						
沙田 Sha Tin	080	7.6	27.5	25.3	23.4	23.2	22.1	83	1009.4	224.0							
流浮山 Lau Fau Shan	070	13.5	28.1	24.8	22.7	23.2	22.4	87	1009.0	290.5							
打鼓嶺 Ta Kwu Ling	100	7.6	28.1	25.1	22.9	23.2	22.2	85	1009.2	223.5							
大帽山 Tai Mo Shan	110 (97)	30.0 (97)	20.8 (97)	19.3 (97)	17.8 (97)	19.1 (97)	19.0 (97)	98 (97)	1011.3 (97)	287.0 (97)							
大老山 Tate's Cairn	180 (2)	26.4 (77)	23.2	21.0	19.4	20.6	20.4	97	1010.1	296.5							
黃麻角(赤柱) Bluff Head (Stanley)	080	15.5	26.5	24.3	22.6												
黃竹坑 Wong Chuk Hang	050	7.6	27.4	25.2	23.3	23.4	22.6	86									
橫瀾島 Waglan Island	070	26.1	26.3	24.6	23.1	23.8	23.5	94	1008.8	295.0							
青洲 Green Island	060	25.5									136.0 (87)						
將軍澳 Tseung Kwan O	020 (89)	5.9 (89)	26.7 (89)	24.9 (89)	22.9 (89)	23.4 (89)	22.7 (89)	88 (89)			249.0 (89)						
長洲 Cheung Chau	090	18.5	27.5	24.6	22.7	23.7	23.2	92	1009.2	262.5							
京士柏 King's Park	090	10.8	27.1	25.0	23.1	23.1	22.2	85	1009.4	234.6							
平洲 Ping Chau	090 (84)	4.8	27.4	24.9	22.8						97.0 (89)						
吉澳 Kat O				26.8 (72)	24.9 (72)	23.1 (72)					338.0 (72)						
大美督 Tai Mei Tuk	080	13.9	27.8	25.0	22.8						114.0 (43)						
沙螺灣 Sha Lo Wan	090	12.1	28.7	25.8	23.6	23.5	22.4	82	1009.3	175.5							
西貢 Sai Kung	070	9.2	27.2	25.3	23.5	23.0	21.8	82									
塔門 Tap Mun				27.1	24.9	23.0					294.5						
鯉魚湖 Tsak Yue Wu				27.2	24.5	22.3	22.6	84			304.0						
石崗 Shek Kong	090	7.8	28.7	25.7	23.2			-			1009.6	258.0					
彌勒山 Nei Lak Shan	210 (98)	32.6 (98)	-	-	-	-	-	-									
啟德 Kai Tak	110	12.9									192.0						
大埔 Tai Po				26.5	24.7	22.9	23.2	22.4			1009.8						
昂坪 Ngong Ping	-	-	23.4	21.7 (92)	20.2												
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 (82)	17.3 (82)	28.1 (65)	27.0 (65)	24.8 (65)			23.3 (65)	80 (65)	1009.8 (65)							
山頂 The Peak				24.4	22.4	20.8					273.5						
坪洲 Peng Chau	090	17.2	27.8	25.4	23.6	23.9	23.3	88	1009.2	210.5							
上水 Sheung Shui				28.1	25.0	22.8	23.3	86	1009.1	267.5							
中環碼頭 Central Pier	100	16.1															
濕地公園 Wetland Park	070	6.6	28.4	25.4	23.2	23.8	23.0	87	1009.3	293.0 (79)							
荃灣可觀 Tsuen Wan Ho Koon				26.6	24.2	22.3	22.9	90			175.0						
屯門兒童及青少年院				28.1	25.4	23.5	22.7	86			287.5						
Tuen Mun Children and Juvenile Home				27.2	25.1	23.2											
香港公園 Hong Kong Park				26.5	24.6	22.9					273.5						
筲箕灣 Shau Kei Wan				27.6	25.0	23.1											
九龍城 Kowloon City				26.5 (97)	24.4 (97)	22.5 (97)	23.1 (97)	22.5 (97)	90 (97)		220.5 (97)						
澤西洲 Kau Sai Chau				28.1	25.6	23.7					245.5						
跑馬地 Happy Valley				28.1	25.5	23.4											
黃大仙 Wong Tai Sin				26.5	24.7	23.0											
赤柱 Stanley				26.8	24.8	23.1											
觀塘 Kwun Tong				28.1	25.5	23.4											
深水埗 Sham Shui Po				27.8	25.6	23.6	23.3	22.2	82		181.0						
新青衣站 New Tsing Yi Station				27.4	25.2	23.2	23.3	22.3									
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden				25.4 (93)	22.9 (94)	21.2 (93)					22.0 (79)						
荃灣城門谷 Tsuen Wan Shing Mun Valley				27.4	25.2	23.4	23.3	22.3	85		192.5						
南丫島 Lamna Island	090	14.0															
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)	090	17.4	27.5 (99)	25.6	23.8 (99)			-	-		1009.5						
雙魚河 Beas River				28.1	25.2	22.8		22.6	86		274.0						
啓德跑道公園 Kai Tak Runway Park	100	14.1	26.9	25.1	23.5												
元朗公園 Yuen Long Park				28.9	25.7	23.4											
清水灣 Clear Water Bay				25.7	23.9 (89)	22.6											
屯門政府合署 Tuen Mun Government Offices	150 (95)	8.0 (95)															
九龍天星碼頭 Star Ferry, Kowloon	090 (99)	12.8 (99)															
青衣殼油庫 Shell Oil Depot	110	10.1															
大磨刀 Tai Mo To	110 (95)	16.4 (95)															
小蠔灣 Siu Ho Wan	090 (83)	11.3 (83)															
二東山 Yi Tung Shan	140 (97)	28.8 (97)															
沙洲 Sha Chau	110	18.8															
北角 North Point	090	15.9															
大澳 Tai O	130 (43)	24.3 (43)															
長洲泳灘 Cheung Chau Beach	070	16.5															
大埔滘 Tai Po Kau	090	11.0															
塔門東 Tap Mun East	120 (85)	13.8 (85)															

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)

二零一九年六月氣象要素的數值
Monthly Values of Meteorological Elements in June 2019

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	平均 Mean	平均 Mean	總雨量 Total	毫米 mm	平均 Mean		
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa					%		
天文台 HKO	260	8.7	31.5	29.0	27.0	26.6	25.7	83	1005.8	429.1	79					
香港國際機場 HKA	220	17.0	32.9	29.7	27.0	26.2	24.9	76	1005.7	263.1	77					
沙田 Sha Tin	220	8.9	31.9 (87)	29.0 (88)	26.5 (87)	26.4 (88)	25.3 (88)	81 (88)	1005.6 (88)	211.0 (87)						
流浮山 Lau Fau Shan	140	13.5	31.9 (98)	28.2 (98)	25.6 (98)	26.0 (98)	25.0 (98)	84 (98)	1005.3 (98)	258.0 (98)						
打鼓嶺 Ta Kuw Ling	210	6.0	32.2	28.1	25.2	26.1	25.4	86	1005.5	294.0						
大帽山 Tai Mo Shan	210	31.4	23.7	22.1	20.4	21.9	21.8	98	1007.8	347.5						
大老山 Tate's Cairn	180	21.9	27.7	24.6	22.7	24.3	24.2	98	1006.6	380.5						
黃麻角(赤柱) Bluff Head (Stanley)	280	10.7	30.7 (81)	27.8 (81)	25.6 (81)											
黃竹坑 Wong Chuk Hang	210	5.2	30.8 (99)	28.3 (99)	26.1 (99)	26.6 (99)	25.9 (99)	87 (99)								
橫瀾島 Waglan Island	220 (77)	21.0 (77)	31.4 (77)	28.6 (77)	26.3 (77)	27.2 (77)	26.7 (77)	90 (77)	1005.6 (78)	184.5 (77)						
青洲 Green Island	200	19.4										-				
將軍澳 Tseung Kwan O	190 (99)	5.0 (99)	31.4	28.1	25.7	26.3	25.5	86		492.0						
長洲 Cheung Chau	200	16.6	32.4	28.0	25.5	27.1	26.8	93	1005.6	235.5						
京士柏 King's Park	260	8.7	31.4	28.7	26.5	26.3	25.3	83	1005.8	431.3						
平洲 Ping Chau	140 (42)	3.8 (94)	32.2 (93)	28.7 (94)	26.5 (93)					238.0 (93)						
吉澳 Kat O												300.5				
大美督 Tai Mei Tuk	230	11.3	32.4	28.5	26.0							302.5				
沙螺灣 Sha Lo Wan	220	11.5	33.0	29.2	26.5	27.1	26.3	84	1005.7	279.5						
西貢 Sai Kung	190	7.8	32.2	29.0	26.6	26.1	25.0	80								
塔門 Tap Mun												384.5				
鯉魚湖 Tsak Yue Wu												286.0 (73)				
石崗 Shek Kong	200	4.3										236.0				
彌勒山 Nei Lak Shan	230 (12)	38.9 (12)	-	-	-	-	-	-	-	-	-					
啟德 Kai Tak	230	9.4										413.5				
大埔 Tai Po																
昂坪 Ngong Ping	-	-	31.1	28.1	25.9	26.3	25.6	87	1006.1							
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)	220 (81)	18.1 (81)	30.8 (77)	29.2 (78)	27.2 (77)			25.3 (78)	80 (78)	1007.1 (78)						
山頂 The Peak			28.2 (79)	25.9 (79)	24.2 (79)							430.0				
坪洲 Peng Chau	210	9.8	32.1	28.7	26.5	27.2	26.6	89	1005.6	338.5						
上水 Sheung Shui			32.5	28.3	25.4	26.2	25.4	85	1005.4	215.0						
中環碼頭 Central Pier	290	10.7														
濕地公園 Wetland Park	160	6.6	32.4	28.8	26.1	26.7	25.9	85	1005.5	290.0						
荃灣可觀 Tsuen Wan Ho Koon			29.9 (99)	27.3 (99)	25.4 (99)	26.0 (99)	25.4 (99)	90 (99)		281.0 (99)						
屯門兒童及青少年院												195.5				
Tuen Mun Children and Juvenile Home																
香港公園 Hong Kong Park																
筲箕灣 Shau Kei Wan			31.2 (95)	28.5 (95)	26.2 (95)							430.0 (95)				
九龍城 Kowloon City			31.9	28.7	26.3											
澤西洲 Kau Sai Chau			31.5	28.0	25.5	26.3						394.5				
跑馬地 Happy Valley			32.0	29.0	26.7							392.5				
黃大仙 Wong Tai Sin			32.1	28.9	26.6											
赤柱 Stanley			30.9 (92)	28.6 (92)	26.4 (92)											
觀塘 Kwun Tong			31.3	28.6	26.5											
深水埗 Sham Shui Po			31.9	28.8	26.4							267.5 (91)				
新青衣站 New Tsing Yi Station			31.6	28.7	26.4	26.6	25.7	85								
嘉道理農場暨植物園																
Kadoorie Farm and Botanic Garden			29.5	26.5	24.3							371.0				
荃灣城門谷 Tsuen Wan Shing Mun Valley			31.1	28.3	26.1	26.5	25.7	87								
南丫島 Lamma Island	220 (97)	11.2 (97)										278.0 (97)				
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)	190	13.6	31.6 (98)	29.3	26.6 (98)			-	-	1006.0						
雙魚河 Beas River			32.9	28.4	25.2			25.7	86			218.0				
啓德跑道公園 Kai Tak Runway Park	220	10.4	31.5	28.7	26.4											
元朗公園 Yuen Long Park			33.0	29.0	26.1											
清水灣 Clear Water Bay			30.7	28.2 (97)	26.1											
屯門政府合署																
Tuen Mun Government Offices	150 (97)	8.6 (97)														
九龍天星碼頭 Star Ferry, Kowloon	260	10.0														
青衣殼油庫 Shell Oil Depot	140	9.0														
大磨刀 Tai Mo To	230 (99)	13.2 (99)														
小蠔灣 Siu Ho Wan	160	10.4														
二東山 Yi Tung Shan	210 (36)	28.5 (36)														
沙洲 Sha Chau	210	17.0														
北角 North Point	260	10.4														
大澳 Tai O	190	21.2														
長洲泳灘 Cheung Chau Beach	220	10.9														
大埔滘 Tai Po Kau	150	7.4														
塔門東 Tap Mun East	210 (96)	10.6 (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)

二零一九年七月氣象要素的數值
Monthly Values of Meteorological Elements in July 2019

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	相對濕度 Relative Humidity	平均 Mean	平均 Mean	總雨量 Total	毫米 mm	平均 Mean			
	度 degrees	公里 /小時 km / hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa					%			
天文台 HKO	260	10.1	32.1	29.5	27.7	26.9	25.9	81	1004.6	328.5	79						
香港國際機場 HKA	210	17.3	33.5	30.2	27.6	26.4	25.2	75	1004.5	368.3	80						
沙田 Sha Tin	220	9.4	32.4	29.5	27.0	26.6	25.5	80	1004.5	487.0							
流浮山 Lau Fau Shan	190	13.7	32.1	28.7	26.3	26.4	25.5	83	1004.1	245.5							
打鼓嶺 Ta Kwu Ling	090	6.2	32.8	28.8	26.1	26.6	25.7	84	1004.4	336.5							
大帽山 Tai Mo Shan	210	30.4	24.2	22.4	20.8	22.3	22.2	99	1006.7	507.0							
大老山 Tate's Cairn	180 (94)	22.3 (94)	27.9	24.9	23.1	24.6	24.4	97	1005.6	526.0							
黃麻角(赤柱) Bluff Head (Stanley)	280	12.4	-	-	-												
黃竹坑 Wong Chuk Hang	210	6.5	31.1	28.8	26.7	26.9	26.1	86									
橫瀾島 Waglan Island	230	24.2	31.4	28.6	26.4	27.0	26.4	88	1005.0	334.5							
青洲 Green Island	200	21.8													155.5 (63)		
將軍澳 Tseung Kwan O	190	5.5	32.0	28.7	26.3	26.6	25.8	85		446.5							
長洲 Cheung Chau	190	18.9	32.6 (96)	28.5 (96)	26.1 (96)	27.4	27.1 (96)	92 (96)	1004.4 (96)	278.0							
京士柏 King's Park	260	10.1	31.8	29.1	27.1	26.6	25.6	82	1004.6	372.4							
平洲 Ping Chau	150 (95)	4.1 (95)	32.1 (95)	28.7 (95)	26.6 (95)					333.0 (95)							
吉澳 Kat O			31.8 (73)	28.5 (73)	26.2 (73)					307.0 (73)							
大美督 Tai Mei Tuk	240	13.8	32.7	29.0	26.5					273.5							
沙螺灣 Sha Lo Wan	220	11.5	33.0	29.5	27.0	27.1	26.1	82	1004.5	286.5							
西貢 Sai Kung	190	9.2	32.5	29.5	27.2	26.6	25.4	79									
塔門 Tap Mun			31.8	28.6	26.1					405.5							
鯉魚湖 Tsak Yue Wu			32.0	27.8	25.1	26.0	25.3	87		461.5							
石崗 Shek Kong	200	5.1	33.0	29.2	26.3		26.1	84	1004.7	365.0							
彌勒山 Nei Lak Shan	210 (59)	28.0 (59)	-	-	-	-	-	-									
啟德 Kai Tak	240	10.1								414.5							
大埔 Tai Po			31.7	28.7	26.4	26.7	25.9	85	1004.9								
昂坪 Ngong Ping	-	-	26.8	24.8 (97)	23.3												
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 (71)	19.1 (71)	31.0 (67)	29.7 (69)	27.8 (67)		25.6 (69)	79 (69)	1006.1 (69)								
山頂 The Peak			28.4	26.0	24.5					392.0							
坪洲 Peng Chau	210	11.7	32.5	29.1	26.9	27.4	26.8	88	1004.5	279.5							
上水 Sheung Shui			32.8	28.8	26.1	26.6	25.8	85	1004.4	319.0							
中環碼頭 Central Pier	290	11.9															
濕地公園 Wetland Park	160	6.9	32.9	29.1	26.4	27.1	26.3	86	1004.4	284.0							
荃灣可觀 Tsuen Wan Ho Koon			30.3	27.7	25.7	26.2	25.7	89		391.5							
屯門兒童及青少年院																	
Tuen Mun Children and Juvenile Home			32.3	29.4	27.0		26.0	83		280.0							
香港公園 Hong Kong Park			32.0 (97)	29.2 (97)	27.0 (97)												
筲箕灣 Shau Kei Wan			31.6 (98)	28.8 (99)	26.6 (98)					341.5 (98)							
九龍城 Kowloon City			32.4	29.2	27.0												
澤西洲 Kau Sai Chau			31.9	28.5	26.1	26.7	26.0	87		370.5							
跑馬地 Happy Valley			32.4	29.5	27.3					401.0							
黃大仙 Wong Tai Sin			32.4	29.4	27.2												
赤柱 Stanley			31.3	28.9	26.8												
觀塘 Kwun Tong			31.8	29.1	27.1												
深水埗 Sham Shui Po			32.3	29.3	27.0					437.0							
新青衣站 New Tsing Yi Station			32.0	29.2	26.8	26.9	25.9	83									
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			30.0	26.9	24.8					410.5							
荃灣城門谷 Tsuen Wan Shing Mun Valley			31.7	28.8	26.6	26.8	25.9	85									
南丫島 Lamna Island	220 (95)	12.0 (95)								299.0 (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)	190 (98)	14.1 (98)	31.9 (92)	29.7	27.3 (92)		-	-		1004.8							
雙魚河 Beas River			33.0	28.8	25.9		26.0	86		318.0							
啓德跑道公園 Kai Tak Runway Park	210	11.8	31.7	29.1	26.9												
元朗公園 Yuen Long Park					33.5	29.5	26.6										
清水灣 Clear Water Bay					31.1	28.7	26.5										
屯門政府合署 Tuen Mun Government Offices	150 (94)	8.7 (94)															
九龍天星碼頭 Star Ferry, Kowloon	090	10.7															
青衣殼油庫 Shell Oil Depot	150	9.4															
大麪刀 Tai Mo To	100 (99)	13.7 (99)															
小蠔灣 Siu Ho Wan	170 (95)	10.6 (95)															
二東山 Yi Tung Shan	-	-															
沙洲 Sha Chau	210	17.0															
北角 North Point	260	12.1															
大澳 Tai O	190	20.5															
長洲泳灘 Cheung Chau Beach	220	14.6															
大埔滘 Tai Po Kau	150 (97)	8.6															
塔門東 Tap Mun East	210 (94)	12.3 (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

表 13 (續)
Table 13 (cont'd)

二零一九年八月氣象要素的數值
Monthly Values of Meteorological Elements in August 2019

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	相對濕度 Relative Humidity	平均 Mean	平均 Mean	總雨量 Total	毫米 mm	平均 Mean			
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa					%			
天文台 HKO	260	11.6	31.9	29.0	26.9	26.5	25.6	82	1003.3	596.4	73						
香港國際機場 HKA	230	17.3	33.3	29.8	27.0	26.2	24.9	76	1003.2	425.0	76						
沙田 Sha Tin	220	8.2	32.8	29.4	26.7	26.3	25.1	79	1003.3	551.5							
流浮山 Lau Fau Shan	070	13.0	32.3 (99)	28.4 (99)	25.7 (99)	26.3 (99)	25.5 (99)	85 (99)	1002.9 (99)	289.5 (99)							
打鼓嶺 Ta Ku Ling	090	6.0	33.2	28.9	25.8	26.4	25.4	83	1003.1	397.0							
大帽山 Tai Mo Shan	100	29.2	24.7	22.4	20.5	21.9	21.6	96	1005.5	490.5							
大老山 Tate's Cairn	110 (6)	25.4 (23)	28.4 (97)	24.9	22.8 (97)	24.2	23.9	95	1004.3	598.5 (97)							
黃麻角(赤柱) Bluff Head (Stanley)	300 (99)	12.2 (99)	-	-	-	-	-										
黃竹坑 Wong Chuk Hang	210 (99)	6.6 (99)	31.3 (98)	28.5	25.9 (98)	26.4	25.5	85									
橫瀾島 Waglan Island	240	23.1	31.0	28.2	25.9	26.6	26.0	89	1003.7	314.5 (98)							
青洲 Green Island	060	19.7														485.5	
將軍澳 Tseung Kwan O	190	5.6	32.2	28.4	25.7	25.7	24.6	81								435.5	
長洲 Cheung Chau	240 (98)	16.8 (98)	31.8 (89)	28.0 (91)	25.9 (89)	26.9 (91)	26.5 (91)	92 (91)	1002.4 (78)	175.5 (89)							
京士柏 King's Park	090	9.9	31.7	28.7	26.4	26.2	25.2	82	1003.3	547.6							
平洲 Ping Chau	090	4.2	32.5 (98)	28.5	26.0	26.0 (98)										309.0	
吉澳 Kat O		-	-	-	-	-	-									-	
大美督 Tai Mei Tuk	270 (78)	12.8 (78)	33.1 (95)	28.9 (97)	26.3 (95)											397.5 (97)	
沙螺灣 Sha Lo Wan	230	11.1	33.0	29.1	26.3	26.2	25.0	79	1003.3	390.0							
西貢 Sai Kung	170	8.2	32.7 (99)	29.4	26.8 (99)	26.3	25.0	78									
塔門 Tap Mun		-	-	-	-	-	-									472.5	
鯉魚湖 Tsak Yue Wu		-	-	-	-	-	-									622.0	
石崗 Shek Kong	080 (98)	4.6 (98)	33.2 (94)	29.0 (97)	25.8 (94)	25.6	24.8	85									
彌勒山 Nei Lak Shan	080 (34)	29.8 (34)	-	-	-	-	-	-	82 (97)	1003.2 (97)	331.5 (98)						
啟德 Kai Tak	240	11.8														487.0	
大埔 Tai Po		-	-	32.0	28.6	26.0	26.4	84	1003.6								
昂坪 Ngong Ping	-	-	27.6	24.8 (99)	22.9												
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)	220 (78)	16.6 (78)	31.4 (77)	29.7 (78)	27.4 (77)		25.4 (78)	78 (78)	1004.4 (78)								
山頂 The Peak		-	28.6 (88)	25.9 (91)	24.2 (88)											429.0 (93)	
坪洲 Peng Chau	220	11.0	32.3	28.8	26.3	27.0	26.3	87	1003.1	458.0							
上水 Sheung Shui		-	33.0	28.6	25.7	26.5	25.7	85	1003.0	377.5							
中環碼頭 Central Pier	100 (98)	12.7 (98)															
濕地公園 Wetland Park	170	5.8	33.2 (96)	28.9 (98)	26.1 (96)	26.9 (98)	26.0 (98)	85 (98)	1003.1 (98)	277.0 (96)							
荃灣可觀 Tsuen Wan Ho Koon		-	30.6 (97)	27.4 (99)	25.1 (97)	25.8 (99)	25.2 (99)	88 (99)								420.5 (97)	
屯門兒童及青少年院		-	-	-	-	-	-										
Tuen Mun Children and Juvenile Home		-	-	-	-	-	-	85								435.0 (98)	
香港公園 Hong Kong Park		-	31.8 (85)	28.8 (85)	26.4 (85)											485.0	
筲箕灣 Shau Kei Wan		-	31.8	28.6	26.1												
九龍城 Kowloon City		-	32.6	28.9	26.4												
濱西湖 Kau Sai Chau		-	32.2	28.3	25.6	26.4		86								283.5 (88)	
跑馬地 Happy Valley		-	32.7 (88)	29.1 (90)	26.4 (88)											586.5 (98)	
黃大仙 Wong Tai Sin		-	32.7	29.2	26.6												
赤柱 Stanley		-	31.6 (99)	28.5	26.2 (99)												
觀塘 Kwun Tong		-	32.1 (98)	28.9 (98)	26.5 (98)												
深水埗 Sham Shui Po		-	32.8	29.1	26.6											522.5	
新青衣站 New Tsing Yi Station		-	32.5	28.9	26.4	26.3	25.3	81									
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden		-	30.3 (99)	26.8	24.5 (99)											436.5 (99)	
荃灣城門谷 Tsuen Wan Shing Mun Valley		-	32.3 (97)	28.6	25.8 (97)	26.4	25.5	84									
南丫島 Lamna Island	090 (95)	12.6 (95)														560.0 (98)	
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)	090 (80)	14.9 (80)	32.1 (54)	29.3 (94)	26.6 (54)		-	-								1003.5 (94)	
雙魚河 Beas River		-	33.2	28.7	25.5		25.8	85								379.5	
啓德跑道公園 Kai Tak Runway Park	290	11.9	31.8	28.9	26.5												
元朗公園 Yuen Long Park		-	33.7 (97)	29.3	26.1 (97)												
清水灣 Clear Water Bay		-	31.2	28.4	26.2												
屯門政府合署 Tuen Mun Government Offices	150	7.7															
九龍天星碼頭 Star Ferry, Kowloon	100	12.0															
青衣殼牌油庫 Shell Oil Depot	110	8.3															
大麪刀 Tai Mo To	110 (97)	14.7 (97)															
小蠔灣 Siu Ho Wan	100 (96)	10.4 (96)															
二東山 Yi Tung Shan	-	-															
沙洲 Sha Chau	210	15.8															
北角 North Point	090	14.1															
大澳 Tai O	190 (72)	17.4 (72)															
長洲泳灘 Cheung Chau Beach	230 (89)	14.2															
大埔滘 Tai Po Kau	090 (99)	8.5 (99)															
塔門東 Tap Mun East	120 (94)	10.3 (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

表 13 (續)
Table 13 (cont'd)

二零一九年九月氣象要素的數值
Monthly Values of Meteorological Elements in September 2019

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	平均 Mean	平均 Mean	總雨量 Total	毫米 mm	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	10.0	31.8	28.7	26.6	24.9	23.1	73	1009.6	198.9	50						
香港國際機場 HKA	060	13.7	32.8	29.3	26.3	24.2	22.1	67	1009.6	149.9	52						
沙田 Sha Tin	020	6.3	32.3	28.5	25.3	24.5	22.6	72	1009.8	229.5							
流浮山 Lau Fau Shan	140	11.2	31.7 (99)	27.7	24.7 (99)	24.4	22.8	77	1009.4	179.5 (99)							
打鼓嶺 Ta Ku Wu Ling	090	5.3	33.0	27.8	23.8	24.1 (87)	22.3 (87)	76 (87)	1009.5	149.5							
大帽山 Tai Mo Shan	100	22.4	24.4	21.4	19.5	19.7	18.6	86	1011.9	191.0							
大老山 Tate's Cairn	100 (43)	22.3 (50)	28.0 (99)	24.1	21.8 (99)	22.3	21.2	86	1010.5	200.0 (99)							
黃麻角(赤柱) Bluff Head (Stanley)	120 (99)	11.2 (99)	-	-	-	-	-	-									
黃竹坑 Wong Chuk Hang	050	6.6	31.5 (99)	28.0	25.1 (99)	24.5	22.8	75									
橫瀾島 Waglan Island	080	20.1	31.5	28.1	26.0	25.0	23.6	78	1010.1	78.0 (93)							
青洲 Green Island	060	17.9										121.0					
將軍澳 Tsing Kwan O	020 (93)	5.7 (93)	31.8 (94)	27.6 (96)	24.6 (94)	23.9 (96)	22.0 (96)	74 (96)				193.0 (94)					
長洲 Cheung Chau	110	15.8	32.1 (99)	27.4	24.8 (99)	25.2	24.1	84	1010.1 (88)	86.0 (99)							
京士柏 King's Park	090	9.2	31.5	28.4	26.1	24.4	22.3	72	1009.6	218.9							
平洲 Ping Chau	090 (68)	3.8 (68)	32.8 (99)	28.1	25.4 (99)							167.5 (99)					
吉澳 Kat O		-	-	-	-	-	-	-				-					
大美督 Tai Mei Tuk	-	-	32.9 (99)	28.5	25.7 (99)							120.0 (99)					
沙螺灣 Sha Lo Wan	140 (99)	7.9 (99)	32.3	28.4	25.5	24.4	22.5	72	1009.7	144.0							
西貢 Sai Kung	010	10.0	31.5	28.5	26.0	24.5	22.5	71									
塔門 Tap Mun		-	31.5	27.9	24.8							172.0					
鯉魚湖 Tsak Yue Wu		-	31.8	26.4	22.5	23.6	22.1	80				314.5					
石崗 Shek Kong	080 (99)	3.8 (99)	33.1 (67)	28.5 (68)	25.2 (67)	24.2 (68)	22.1 (91)	78 (91)	1009.7	185.0 (99)							
彌勒山 Nei Lak Shan	-	-	27.3 (2)	25.5 (2)	24.1 (2)	19.4 (2)	15.4 (2)	54 (2)	1009.5 (2)			180.5 (99)					
啟德 Kai Tak	130	10.1															
大埔 Tai Po		-	30.7	27.7	25.0	24.5	22.9	77	1010.0								
昂坪 Ngong Ping	-	-	27.7	24.3	22.1												
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 (79)	12.8 (79)	31.0 (78)	29.2 (80)	27.2 (78)		22.5 (80)	68 (80)	1011.0 (80)								
山頂 The Peak		-	28.7 (98)	25.3	23.3 (98)							136.5 (99)					
坪洲 Peng Chau	090 (99)	11.5 (99)	31.8 (99)	28.3 (99)	25.8 (99)	25.4 (99)	24.1 (99)	79 (99)	1009.5 (99)	102.0 (99)							
上水 Sheung Shui		-	33.4	27.8	23.9	24.7	23.3	79	1009.4	182.5							
中環碼頭 Central Pier	100 (98)	12.2 (98)															
濕地公園 Wetland Park	160	4.9	33.0 (98)	27.8	24.2 (98)	25.2	24.0	82	1009.5	163.5 (98)							
荃灣可觀 Tsuen Wan Ho Koon		-	30.3 (99)	26.5	23.9 (99)	24.0	22.7	81				152.5 (99)					
屯門兒童及青少年院		-															
Tuen Mun Children and Juvenile Home		-	32.0 (99)	28.3	25.3 (99)		23.2	76				134.0 (99)					
香港公園 Hong Kong Park		-	31.4 (44)	27.6 (45)	25.0 (44)												
筲箕灣 Shau Kei Wan		-	31.2 (99)	28.2 (99)	25.5 (99)							146.0 (99)					
九龍城 Kowloon City		-	32.3	28.4	25.8												
潛洲 Kau Sai Chau		-	31.6	27.4	24.6	24.6	23.1	79				174.0					
跑馬地 Happy Valley		-	33.0 (99)	29.0	25.9 (99)							147.0 (99)					
黃大仙 Wong Tai Sin		-	32.3	28.5	25.7												
赤柱 Stanley		-	31.8	28.3	25.8												
觀塘 Kwun Tong		-	31.7	28.4	26.0												
深水埗 Sham Shui Po		-	32.8	28.6	25.7							194.0					
新青衣站 New Tsing Yi Station		-	32.0	28.4	25.5	24.4	22.4	72									
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden		-	30.3 (98)	26.0	23.4 (98)							215.0 (98)					
荃灣城門谷 Tsuen Wan Shing Mun Valley		-	32.4 (99)	27.6	24.2 (99)	24.5	23.0	78									
南丫島 Lamna Island	090 (99)	10.8 (99)										100.5 (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 (64)	12.6 (64)	31.2 (42)	28.5 (69)	26.4 (42)	-	-	-	1011.2 (69)								
雙魚河 Beas River		-	32.9 (99)	27.2	23.0 (99)		23.5	82				155.5 (99)					
啓德跑道公園 Kai Tak Runway Park	130	12.6	31.2	28.6	26.4												
元朗公園 Yuen Long Park		-	33.5 (99)	28.3	24.4 (99)												
清水灣 Clear Water Bay		-	30.6	28.0	25.9												
屯門政府合署 Tuen Mun Government Offices	020	7.3															
九龍天星碼頭 Star Ferry, Kowloon	100	10.0															
青衣蜆殼油庫 Shell Oil Depot	120	7.6															
大磨刀 Tai Mo To	170 (94)	12.6 (94)															
小蠔灣 Siu Ho Wan	170 (85)	10.2 (85)															
二東山 Yi Tung Shan	340 (15)	17.2 (15)															
沙洲 Sha Chau	120	13.4															
北角 North Point	080	12.1															
大澳 Tai O	330 (23)	17.8 (23)															
長洲泳灘 Cheung Chau Beach	090 (71)	13.5 (99)															
大埔滘 Tai Po Kau	090 (99)	7.2 (99)															
塔門東 Tap Mun East	130 (99)	12.9 (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

表 13 (續)
Table 13 (cont'd)

二零一九年十月氣象要素的數值
Monthly Values of Meteorological Elements in October 2019

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	相對濕度 Relative Humidity	平均 Mean	總雨量 Total	毫米 mm	平均 Mean	毫米 mm	%	
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	°C	°C	%	百帕斯卡 hPa	毫巴 mb	毫米 mm	%	百帕斯卡 hPa	毫巴 mb	%	
天文台 HKO	090	11.2	29.5	26.6	24.6	23.0	21.2	73	1014.8	149.5	49						
香港國際機場 HKA	100	15.0	30.7	27.1	24.5	22.0	19.7	65	1014.8	76.1	50						
沙田 Sha Tin	030	6.3	29.7	26.1	23.1	22.4	20.4	72	1015.0	174.0							
流浮山 Lau Fau Shan	070	11.3	29.9	25.7	22.7	22.1	20.1	72	1014.7	57.5							
打鼓嶺 Ta Ku Ling	090	5.4	30.6	25.4	21.4	22.1 (97)	20.4 (97)	76 (97)	1014.8	55.5							
大帽山 Tai Mo Shan	090	22.0	22.1 (99)	18.8 (99)	16.8 (99)	17.6 (99)	16.8 (99)	89 (99)	1017.2 (99)	104.5 (99)							
大老山 Tate's Cairn	100 (87)	19.9 (99)	25.1 (99)	21.5	19.3 (99)	20.0	19.1	88	1015.7	185.5 (99)							
黃麻角(赤柱) Bluff Head (Stanley)	090	12.6	-	-	-												
黃竹坑 Wong Chuk Hang	050 (99)	6.6 (99)	29.0 (99)	26.0	23.4 (99)	22.4	20.6	73									
橫瀾島 Waglan Island	080	24.6	28.8	26.3	24.4	22.4	20.3	71	1015.2	171.0 (99)							
青洲 Green Island	060 (99)	20.2 (99)														133.5 (99)	
將軍澳 Tseung Kwan O	060	5.8	29.4 (99)	25.5	22.7 (99)	22.0	20.1	73								180.5	
長洲 Cheung Chau	090	17.9	30.0 (99)	25.4 (99)	23.0 (99)	23.1 (99)	21.9 (99)	82 (99)	1014.9 (99)	119.0							
京士柏 King's Park	090	10.1	29.2	26.1	24.0	22.3	20.3	71	1014.8	166.3							
平洲 Ping Chau	090 (89)	3.5 (89)	30.3	25.7												109.0	
吉澳 Kat O																44.0 (75)	
大美督 Tai Mei Tuk	040 (95)	12.4 (95)	30.8 (99)	26.1	23.2 (99)											58.0 (99)	
沙螺灣 Sha Lo Wan	090	8.5	30.1	26.2	23.6	22.1	19.9	69	1014.9	62.5							
西貢 Sai Kung	010	9.4	28.8	26.2	23.8	22.3	20.3	71									
塔門 Tap Mun																104.5	
鯉魚湖 Tsak Yue Wu																207.0	
石崗 Shek Kong	090	4.5	30.5	25.7	22.1											80.5	
彌勒山 Nei Lak Shan	-	-	24.6 (37)	20.4 (37)	18.4 (37)	18.9 (37)	18.0 (37)	87 (37)	1015.9 (69)							155.5	
啟德 Kai Tak	110	10.5															
大埔 Tai Po																	
昂坪 Ngong Ping	-	-	28.6	25.6	23.0	22.3	20.5	74	1015.2								
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 (55)	14.1 (55)	29.0 (54)	27.6 (56)	25.7 (54)			20.2 (56)	65 (56)	1015.6 (56)							
山頂 The Peak					26.1 (99)	23.0	21.0 (99)									170.0 (99)	
坪洲 Peng Chau	090	13.4	29.3	26.3	23.9	23.2	21.7	76	1014.7	109.5							
上水 Sheung Shui					30.4	25.5	22.0	76	1014.6	57.5							
中環碼頭 Central Pier	100 (98)	14.0 (98)															
濕地公園 Wetland Park	060	5.0	30.4 (98)	26.1	22.8 (98)	22.7	20.9	75	1014.8	53.5 (98)							
荃灣可觀 Tsuen Wan Ho Koon			28.6 (99)	24.5	21.8 (99)	21.8	20.4	79								137.0 (99)	
屯門兒童及青少年院																	
Tuen Mun Children and Juvenile Home																49.5	
香港公園 Hong Kong Park																	
筲箕灣 Shau Kei Wan																164.0	
九龍城 Kowloon City																	
濱西湖 Kau Sai Chau																	
跑馬地 Happy Valley																	
黃大仙 Wong Tai Sin																	
赤柱 Stanley																	
觀塘 Kwun Tong																	
深水埗 Sham Shui Po																100.5 (96)	
新青衣站 New Tsing Yi Station																	
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden																79.5 (98)	
荃灣城門谷 Tsuen Wan Shing Mun Valley																	
南丫島 Lamna Island	090	11.5														215.5 (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)	100 (55)	12.8 (55)	28.9 (24)	27.7 (51)	25.3 (24)			-	-	1014.1 (51)							
雙魚河 Beas River					30.5	25.0	20.8		20.9	80						68.0	
啓德跑道公園 Kai Tak Runway Park	080	11.9	29.0	26.5	24.4												
元朗公園 Yuen Long Park					31.1 (99)	26.2	22.5 (99)										
清水灣 Clear Water Bay					28.1	25.9	24.0										
屯門政府合署 Tuen Mun Government Offices	020	7.3															
九龍天星碼頭 Star Ferry, Kowloon	100 (81)	11.3															
青衣殼牌油庫 Shell Oil Depot	110	7.3															
大磨刀 Tai Mo To	120 (95)	13.6 (95)															
小蠔灣 Siu Ho Wan	180 (99)	9.7 (99)															
二東山 Yi Tung Shan	110	20.0															
沙洲 Sha Chau	120	15.1															
北角 North Point	090	14.2															
大澳 Tai O	130 (67)	15.4 (67)															
長洲泳灘 Cheung Chau Beach	070	18.5															
大埔滘 Tai Po Kau	100 (99)	8.0 (99)															
塔門東 Tap Mun East	110	14.3															

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)

二零一九年十一月氣象要素的數值
Monthly Values of Meteorological Elements in November 2019

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	平均 Mean	平均 Mean	總雨量 Total	毫米 mm	平均 Mean	毫米 mm	百分比 %	
	度 degrees	公里/小時 km/hr	°C	°C	°C	°C	%	百帕斯卡 hPa	毫巴 mb	毫米 mm	百分比 %	總雨量 Total	毫米 mm	平均 Mean	毫米 mm	百分比 %	
天文台 HKO	090	10.7	26.1	23.0	21.0	19.2	16.8	69	1017.1	Trace*	37						
香港國際機場 HKA	040	15.1	27.3	23.6	20.8	18.1	14.9	60	1017.2	Trace#	40						
沙田 Sha Tin	030	6.9	26.3	22.3	19.0	18.2	15.3	66	1017.4	0.0							
流浮山 Lau Fau Shan	070	11.7	27.0	22.0	18.4	17.9	15.2	67	1017.2	2.5							
打鼓嶺 Ta Ku Ling	100	6.9	27.6	21.5	16.7	17.7	15.2	70	1017.3	0.0							
大帽山 Tai Mo Shan	100	25.2	19.5	15.6	13.0	13.4	11.3	78	1019.2	3.5							
大老山 Tate's Cairn	100	22.9	21.8 (99)	17.8	15.2 (99)	15.9	14.5	83	1017.9	0.0 (99)							
黃麻角(赤柱) Bluff Head (Stanley)	080	12.7	-	-	-	-	-	-	-	-	-						
黃竹坑 Wong Chuk Hang	040	7.0	26.1 (99)	22.6	19.7 (99)	18.5	15.8	67	-	-	-						
橫瀾島 Waglan Island	070	25.9	24.9	22.4	20.8	18.7 (97)	16.3 (97)	69 (97)	1017.5	0.0 (96)	0.0						
青洲 Green Island	060 (99)	21.3 (99)	-	-	-	-	-	-	-	-	-						
將軍澳 Tseung Kwan O	060 (99)	6.1 (99)	26.4 (99)	21.9	18.8 (99)	18.0	15.4	68	-	-	-	0.0 (99)					
長洲 Cheung Chau	090	18.6	27.6 (99)	22.3	19.3 (99)	19.2	17.3	75	1017.2	0.0 (99)							
京士柏 King's Park	090	10.1	26.0	22.5	20.2	18.3	15.4	65	1017.1	0.0							
平洲 Ping Chau	080	3.7	27.2 (99)	21.9	18.7 (99)	-	-	-	-	-	-	0.0 (99)					
吉澳 Kat O	-	-	26.0 (96)	22.0 (97)	19.6 (96)	-	-	-	-	-	-	0.0 (96)					
大美督 Tai Mei Tuk	040	12.9	27.4 (99)	22.4	19.3 (99)	-	-	-	-	-	-	0.0 (99)					
沙螺灣 Sha Lo Wan	090	8.5	27.0	22.9	20.0	18.2	15.0	62	1017.3	0.0							
西貢 Sai Kung	010	10.9	24.8	22.1	19.8	18.3 (96)	15.8 (96)	68 (96)	-	-	-						
塔門 Tap Mun	-	-	25.4	21.8	18.7	-	-	-	-	-	-	0.0					
鯉魚湖 Tsak Yue Wu	-	-	25.9	20.0	15.3	16.8	14.5	73	-	-	-	0.0					
石崗 Shek Kong	090	5.1	27.3	21.9	17.7	-	-	-	-	-	-	0.0					
彌勒山 Nei Lak Shan	070 (87)	22.4 (87)	-	-	-	-	-	-	-	-	-						
啟德 Kai Tak	110	10.9	-	-	-	-	-	-	-	-	-	0.0					
大埔 Tai Po	-	-	25.6	22.0	18.9	18.4 (97)	16.0 (97)	70 (97)	1017.5	-	-						
昂坪 Ngong Ping	-	-	23.3	18.7	15.6	-	-	-	-	-	-						
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 (59)	14.0 (59)	25.7 (57)	23.9 (58)	21.9 (57)	-	-	15.6 (58)	61 (58)	1017.8 (58)	-	1.5 (99)					
山頂 The Peak	-	-	23.0 (99)	19.5	17.4 (99)	-	-	-	-	-	-						
坪洲 Peng Chau	080 (83)	14.2 (83)	25.8 (96)	22.6 (99)	20.1 (96)	19.4 (99)	17.4 (99)	73 (99)	1015.5 (53)	0.0 (96)	-						
上水 Sheung Shui	-	-	27.4	21.6	17.8	18.0	15.5	71	1017.1	0.0							
中環碼頭 Central Pier	100 (98)	13.8 (98)	-	-	-	-	-	-	-	-	-						
濕地公園 Wetland Park	060	4.9	27.6	22.2	18.3	18.6 (97)	16.3 (97)	72 (97)	1017.2	0.0							
荃灣可觀 Tsuen Wan Ho Koon	-	-	25.8 (96)	21.0 (98)	17.9 (96)	17.7 (98)	15.5 (98)	72 (98)	-	-	-	0.0 (96)					
屯門兒童及青少年院	-	-	-	-	-	-	-	-	-	-	-	0.0 (69)					
Tuen Mun Children and Juvenile Home	-	-	26.9 (69)	22.8 (70)	19.7 (69)	-	-	15.2 (70)	64 (70)	-	-	0.0 (69)					
香港公園 Hong Kong Park	-	-	26.9	22.7	20.4	-	-	-	-	-	-						
筲箕灣 Shau Kei Wan	-	-	25.8	22.3	20.0	-	-	-	-	-	-	0.0					
九龍城 Kowloon City	-	-	27.3	22.6	19.8	-	-	-	-	-	-						
濱西湖 Kau Sai Chau	-	-	25.9	21.4	18.4	18.2	16.1	73	-	-	-	0.5					
跑馬地 Happy Valley	-	-	26.7 (99)	22.7	19.8 (99)	-	-	-	-	-	-	0.0 (99)					
黃大仙 Wong Tai Sin	-	-	27.0	22.8	20.1	-	-	-	-	-	-						
赤柱 Stanley	-	-	25.3	22.5	20.7	-	-	-	-	-	-						
觀塘 Kwun Tong	-	-	25.7	22.2	19.9	-	-	-	-	-	-						
深水埗 Sham Shui Po	-	-	28.3	23.1	19.9	-	-	-	-	-	-	0.0					
新青衣站 New Tsing Yi Station	-	-	27.1	22.8	20.1	18.2	15.0	63	-	-	-						
嘉道理農場暨植物園	-	-	-	-	-	-	-	-	-	-	-						
Kadoorie Farm and Botanic Garden	-	-	24.6 (97)	19.8	17.0 (97)	-	-	-	-	-	-	0.0 (97)					
荃灣城門谷 Tsuen Wan Shing Mun Valley	-	-	27.6 (99)	22.1	18.4 (99)	18.4	16.0	70	-	-	-	0.0 (99)					
南丫島 Lamma Island	090	11.8	-	-	-	-	-	-	-	-	-						
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)	080 (65)	13.0 (65)	25.6 (40)	22.7 (59)	21.5 (40)	-	-	15.6 (28)	67 (28)	1017.9 (58)	-	0.0					
雙魚河 Beas River	-	-	27.5	20.9	15.7	-	-	15.6	74	-	-	0.0					
啓德跑道公園 Kai Tak Runway Park	080	12.5	25.6	23.0	20.9	-	-	-	-	-	-						
元朗公園 Yuen Long Park	-	-	28.1 (99)	22.3	18.0 (99)	-	-	-	-	-	-						
清水灣 Clear Water Bay	-	-	24.4	22.1	20.2	-	-	-	-	-	-						
屯門政府合署	-	-	-	-	-	-	-	-	-	-	-						
Tuen Mun Government Offices	020	7.5	-	-	-	-	-	-	-	-	-						
九龍天星碼頭 Star Ferry, Kowloon	100 (72)	10.6	-	-	-	-	-	-	-	-	-						
青衣殼牌油庫 Shell Oil Depot	120	7.1	-	-	-	-	-	-	-	-	-						
大磨刀 Tai Mo To	110 (98)	13.4 (98)	-	-	-	-	-	-	-	-	-						
小蠔灣 Siu Ho Wan	180 (82)	9.5 (82)	-	-	-	-	-	-	-	-	-						
二東山 Yi Tung Shan	350	22.5	-	-	-	-	-	-	-	-	-						
沙洲 Sha Chau	010	16.0	-	-	-	-	-	-	-	-	-						
北角 North Point	090	13.7	-	-	-	-	-	-	-	-	-						
大澳 Tai O	120	16.1	-	-	-	-	-	-	-	-	-						
長洲泳灘 Cheung Chau Beach	070	18.3	-	-	-	-	-	-	-	-	-						
大埔滘 Tai Po Kau	100 (99)	8.4 (99)	-	-	-	-	-	-	-	-	-						
塔門東 Tap Mun East	120	14.5	-	-	-	-	-	-	-	-	-						

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表示少於 0.05 毫米 - 表示無數據

* Trace means rainfall less than 0.05mm - means no data

Trace表示少於 0.1 毫米

Trace means rainfall less than 0.1mm

表 13 (續)
Table 13 (cont'd)

二零一九年十二月氣象要素的數值
Monthly Values of Meteorological Elements in December 2019

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	平均 Mean	平均 Mean	總雨量 Total	毫米 mm	平均 Mean			
	度 degrees	公里 /小時 km / hr	°C	°C	°C	°C	%	百帕斯卡 hPa	毫巴 mb	毫米 mm	%						
天文台 HKO	100	10.8	21.9	19.1	17.0	15.8	12.9	69	1020.2	13.5	54						
香港國際機場 HKA	090	16.3	23.0	19.5	16.9	14.7	10.6	60	1020.3	10.1	55						
沙田 Sha Tin	030	7.3	22.4	18.5	15.4	14.7 (83)	11.1 (83)	66 (83)	1020.4	13.5							
流浮山 Lau Fau Shan	070	12.3	22.9	18.3	15.1	14.7	11.3	66	1020.3	7.5							
打鼓嶺 Ta Kwu Ling	100	7.8	23.2	18.0	13.7	14.5	11.2	68	1020.6	7.0							
大帽山 Tai Mo Shan	100	24.4	16.4	12.5	9.6	11.1 (89)	8.4 (89)	77 (89)	1022.2	18.0							
大老山 Tate's Cairn	100	26.0	17.7	14.2	11.5	12.4	10.2	80	1020.9	25.5							
黃麻角(赤柱) Bluff Head (Stanley)	080 (75)	11.3 (75)	-	-	-												
黃竹坑 Wong Chuk Hang	050	6.6	22.4	18.8	15.9	15.1	11.6	66									
橫瀾島 Waglan Island	070 (97)	26.3 (97)	21.1 (97)	18.3 (98)	16.5 (97)	16.4 (53)	14.4 (53)	77 (53)	1020.7 (98)	28.0 (97)	10.5 (99)						
青洲 Green Island	060 (99)	22.3 (99)															
將軍澳 Tseung Kwan O	060 (99)	6.2 (99)	22.1	18.0	15.1	14.4 (86)	11.0 (86)	67 (86)			17.0						
長洲 Cheung Chau	360	18.0	23.3	18.5	15.7	15.7	13.2	74	1020.3	12.5							
京士柏 King's Park	100	10.1	22.3	18.7	16.2	14.8	10.8	64	1020.2	12.5							
平洲 Ping Chau	080	4.0	23.1	17.9	14.6						18.0						
吉澳 Kat O				21.6 (98)	18.1 (99)	15.3 (98)					10.5 (98)						
大美督 Tai Mei Tuk	040	12.5	23.3	18.5	15.4						1.0						
沙螺灣 Sha Lo Wan	080	8.6	22.9	19.1	16.3	14.8	10.5	61	1020.4	8.5							
西貢 Sai Kung	010	11.2	20.9	18.2	15.9	15.0	11.9	69									
塔門 Tap Mun				21.5	17.8	14.5					18.0						
鯉魚湖 Tsak Yue Wu				22.0	16.7	12.1	13.6	10.4	71		22.0						
石崗 Shek Kong	060 (12)	7.7 (12)	23.3	18.4	14.5		11.2	66	1020.7	6.0							
彌勒山 Nei Lak Shan	080	23.4	-	-	-	-	-	-	-	-							
啟德 Kai Tak	110	10.9									13.5						
大埔 Tai Po				21.7	18.2	15.2	14.8	11.6	68	1020.7							
昂坪 Ngong Ping	-	-	19.3	15.1	12.3												
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)	340 (37)	15.9 (37)	21.5 (36)	19.8 (38)	18.2 (36)		10.8 (38)	58 (38)	1020.9 (38)								
山頂 The Peak				18.9	15.9	13.7					16.0						
坪洲 Peng Chau	080 (99)	16.2 (99)	21.8 (99)	18.7	16.4 (99)	15.9	13.4	73	1023.6 (12)	6.0 (99)							
上水 Sheung Shui				23.1	17.9	14.4	14.9	12.0	71	1020.4	7.5						
中環碼頭 Central Pier	100 (99)	13.7 (99)															
濕地公園 Wetland Park	060	5.1	23.5 (99)	18.5	14.8 (99)	15.5 (98)	12.7 (98)	72 (98)	1020.4	6.5 (99)							
荃灣可觀 Tsuen Wan Ho Koon			22.1 (99)	17.6 (99)	14.7 (99)	14.6 (99)	11.7 (99)	71 (99)			7.5 (99)						
屯門兒童及青少年院																	
Tuen Mun Children and Juvenile Home				23.0	18.9	16.1		11.4	65		9.5						
香港公園 Hong Kong Park				22.8	18.8	16.3											
筲箕灣 Shau Kei Wan				21.7	18.4	16.1					20.5						
九龍城 Kowloon City				23.2	18.8	16.0											
澤西洲 Kau Sai Chau				21.9	17.7	14.7	14.7	11.8	72		20.0						
跑馬地 Happy Valley				22.8	18.9	16.0					16.5						
黃大仙 Wong Tai Sin				23.1	19.1	16.3											
赤柱 Stanley				21.5	18.5	16.4											
觀塘 Kwun Tong				22.1	18.4	16.0											
深水埗 Sham Shui Po				23.9	19.4	16.4					9.0						
新青衣站 New Tsing Yi Station				23.2	19.1	16.4	14.6 (91)	10.2 (91)	61 (91)								
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden				20.3 (99)	16.1	13.4 (99)					12.0 (99)						
荃灣城門谷 Tsuen Wan Shing Mun Valley				23.8	18.6	15.0	15.2	12.1	69								
南丫島 Lamna Island	090	11.7									13.0						
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)	100	15.6	21.6 (96)	19.1	17.1 (96)		11.4	64	1020.5								
雙魚河 Beas River				23.0	17.2	12.5		11.3	72		7.5						
啓德跑道公園 Kai Tak Runway Park	100	12.5	21.8	19.0	16.7												
元朗公園 Yuen Long Park				23.8	18.5	14.7											
清水灣 Clear Water Bay				20.6	18.1	16.1											
屯門政府合署 Tuen Mun Government Offices	020 (99)	7.2 (99)															
九龍天星碼頭 Star Ferry, Kowloon	100	10.0															
青衣殼油庫 Shell Oil Depot	120	7.6															
大磨刀 Tai Mo To	120	14.6															
小蠔灣 Siu Ho Wan	180	10.7															
二東山 Yi Tung Shan	340	25.2															
沙洲 Sha Chau	110 (99)	18.0 (99)															
北角 North Point	090	13.6															
大澳 Tai O	360 (63)	17.1 (63)															
長洲泳灘 Cheung Chau Beach	070	16.4															
大埔滘 Tai Po Kau	100 (99)	8.8 (99)															
塔門東 Tap Mun East	120 (94)	13.7 (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

表 14
Table 14

二零一九年全年氣象要素的數值
Annual Values of Meteorological Elements in 2019

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	平均 Mean	總雨量 Total	毫米 mm	平均 Mean	
	度 degrees	公里 / 小時 km / hr	°C	°C	°C	°C	°C	%	百帕斯卡 hPa					
天文台 HKO	090	11.0	27.1	24.5	22.6	21.9	20.4	79	1012.6	2396.2	68			
香港國際機場 HKA	090	16.8	28.4	25.1	22.6	21.3	19.3	72	1012.6	1919.7	67			
沙田 Sha Tin	030	7.4	27.5 (99)	24.3 (99)	21.6 (99)	21.3 (98)	19.6 (98)	77 (98)	1012.7 (99)	2333.5 (99)				
流浮山 Lau Fau Shan	070	12.4	27.8	23.8	21.0	21.2	19.6	79	1012.4	1644.0				
打鼓嶺 Ta Kwu Ling	100	6.8	28.2	23.8	20.5	21.1 (99)	19.6 (99)	79 (99)	1012.6	1900.0				
大帽山 Tai Mo Shan	110	26.4	20.7	18.0	16.0	17.1 (99)	16.3 (99)	91 (99)	1014.6	2553.0				
大老山 Tate's Cairn	100 (75)	23.7 (87)	23.1	19.9	17.8	19.0 (99)	18.3 (99)	92 (99)	1013.4	2774.5				
黃麻角(赤柱) Bluff Head (Stanley)	080 (92)	13.0 (98)	25.0 (43)	22.2 (43)	20.2 (43)									
黃竹坑 Wong Chuk Hang	050	6.6	27.0	24.1	21.7	21.7	20.2	80						
橫瀾島 Waglan Island	070 (98)	23.7 (98)	26.4 (98)	23.8 (98)	22.0 (98)	21.9 (94)	20.8 (94)	84 (94)	1012.6 (98)	1659.0 (97)				
青洲 Green Island	060 (99)	21.7 (99)								1368.5 (87)				
將軍澳 Tseung Kwan O	060 (98)	5.7 (98)	27.0 (98)	23.6 (98)	21.1 (98)	21.2 (97)	19.7 (97)	80 (97)	2475.0 (98)					
長洲 Cheung Chau	090	17.3	27.8 (99)	23.7 (99)	21.3 (99)	22.0 (99)	21.0 (99)	86 (99)	1012.5 (97)	1516.0 (99)				
京士柏 King's Park	090	9.9	27.1	24.1	22.0	21.3	19.6	78	1012.6	2446.3				
平洲 Ping Chau	080 (90)	4.2 (96)	27.8 (99)	23.9 (99)	21.4 (99)					1698.0 (98)				
吉澳 Kat O			27.5 (47)	24.5 (48)	22.2 (47)					1161.0 (47)				
大美督 Tai Mei Tuk	050 (89)	12.1 (89)	28.1 (99)	24.1	21.4 (99)					1413.0 (88)				
沙螺灣 Sha Lo Wan	090	10.1	28.4 (94)	24.7 (94)	22.0 (94)	21.5 (94)	19.5 (94)	74 (94)	1012.6	1710.0				
西貢 Sai Kung	020	9.1	26.8	24.1	22.0	21.2	19.5	77						
塔門 Tap Mun			27.0	23.7	21.0					2352.0				
鯽魚湖 Tsak Yue Wu			27.2 (95)	22.8 (95)	19.4 (95)	20.6 (95)	19.2 (95)	82 (95)		2694.5 (95)				
石崗 Shek Kong	090 (92)	5.9 (92)	28.6 (97)	24.3 (97)	21.1 (97)					1853.5				
彌勒山 Nei Lak Shan	080 (65)	28.8 (65)	26.0 (3)	23.0 (3)	21.3 (3)	19.2 (3)	16.7 (3)	71 (3)	1012.7 (6)					
啟德 Kai Tak	110	11.0								2293.0				
大埔 Tai Po			26.5	23.7	21.3	21.3	19.9	81	1013.0					
昂坪 Ngong Ping	-	-	23.4	20.4 (97)	18.3									
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 (64)	15.7 (64)	26.8 (55)	25.4 (57)	23.4 (55)					20.0 (57)	73 (57)	1013.7 (57)		
山頂 The Peak			24.2 (96)	21.3 (96)	19.5 (96)							2269.0 (98)		
坪洲 Peng Chau	090 (98)	14.2 (98)	27.3 (99)	24.3	22.1 (99)	22.2	21.0	83	1012.6 (89)	1879.0 (99)				
上水 Sheung Shui			28.1	23.7	20.7	21.3 (98)	19.9 (98)	81 (98)	1012.5	1857.0				
中環碼頭 Central Pier	100 (99)	13.6 (99)												
濕地公園 Wetland Park	060	5.9	28.3 (99)	24.2	21.2 (99)	21.9 (99)	20.5 (99)	82 (99)	1012.6	1710.0 (97)				
荃灣可觀 Tsuen Wan Ho Koon			26.5 (99)	23.0	20.6 (99)	21.0	19.8	83		1964.5 (99)				
屯門兒童及青少年院														
Tuen Mun Children and Juvenile Home			27.7 (97)	24.4 (98)	21.8 (97)					20.0 (97)	79 (97)	1763.0 (97)		
香港公園 Hong Kong Park			27.2 (94)	24.1 (94)	21.9 (94)									
筲箕灣 Shau Kei Wan			26.6 (99)	23.8 (99)	21.7 (99)							2293.5 (99)		
九龍城 Kowloon City			27.9	24.2	21.8									
澤西洲 Kau Sai Chau			26.9 (99)	23.3 (99)	20.8 (99)	21.3 (99)	20.1 (99)	83 (99)		2183.0 (98)				
跑馬地 Happy Valley			27.9 (99)	24.6 (99)	22.1 (99)							2378.5		
黃大仙 Wong Tai Sin			27.9	24.5	22.1									
赤柱 Stanley			26.5 (98)	24.0 (98)	22.0 (98)									
觀塘 Kwun Tong			27.0	24.0	21.9									
深水埗 Sham Shui Po			28.2 (99)	24.6 (99)	22.1 (99)						2082.5 (97)			
新青衣站 New Tsing Yi Station			27.7	24.5	22.1	21.5 (98)	19.6 (98)	76 (98)						
嘉道理農場暨植物園 Kadoorie Farm and Botanic Garden			25.6 (99)	21.9 (99)	19.6 (99)						1976.0 (97)			
荃灣城門谷 Tsuen Wan Shing Mun Valley			27.8	24.0	21.3	21.5	20.0	80						
南丫島 Lamma Island	090 (99)	12.2 (99)									2048.0 (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)	090 (81)	14.7 (81)	26.9 (71)	24.7 (81)	22.7 (71)					14.2 (18)	71 (18)	1012.7 (81)		
雙魚河 Beas River			28.2	23.6	20.0					20.2 (76)	81 (76)	1832.0		
啓德跑道公園 Kai Tak Runway Park	130	12.4	26.8	24.3	22.3									
元朗公園 Yuen Long Park			28.8	24.4	21.2									
清水灣 Clear Water Bay			25.9	23.6 (99)	21.7									
屯門政府合署 Tuen Mun Government Offices	150 (99)	7.8 (99)												
九龍天星碼頭 Star Ferry, Kowloon	100 (96)	11.1												
青衣蜆殼油庫 Shell Oil Depot	110	8.7												
大磨刀 Tai Mo To	110 (97)	14.7 (97)												
小蠔灣 Siu Ho Wan	170 (94)	10.6 (94)												
二東山 Yi Tung Shan	130 (70)	24.8 (70)												
沙洲 Sha Chau	110 (99)	16.8 (99)												
北角 North Point	090	13.4												
大澳 Tai O	130 (78)	19.1 (78)												
長洲泳灘 Cheung Chau Beach	070 (97)	14.8												
大埔滘 Tai Po Kau	090 (99)	9.1												
塔門東 Tap Mun East	120 (94)	12.9 (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

表 15

Table 15

二零一九年每月的蒸發量、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 2019**

月份 Month	台站 Station	蒸發皿水溫 Pan-water Temperature						平均土壤溫度 Mean Soil Temperature															
		平均日 風移動量 Mean Daily Wind Movement	平均 最高 Mean Maximum	平均 平均 Mean Mean	平均 最低 Mean Minimum	平均 日蒸發量 Mean Daily Evaporation	平均 日可能 蒸散量 Mean Daily Potential Evapotrans- piration	平均 最低草溫 Mean Daily Grass Minimum Temperature	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		
			km	°C	°C				°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C			
一月 Jan	KP HKO KSC TKL TMS	61	23.2	20.2	17.1	2.2	1.8	15.4	17.9	19.2	18.2	19.3	18.9	19.4	20.7	20.6	22.1	22.0	23.4	23.4	26.1	26.1	
二月 Feb	KP HKO KSC TKL TMS	69	25.5	22.7	19.8	2.0	1.7	17.8	20.2	21.3	20.3	21.3	20.8	21.2	21.6	21.6	22.2	22.3	23.2	23.2	25.0	25.0	
									(17.7)	(20.8)	(22.4)	(21.5)	(22.8)	(21.6)	(22.5)	(22.5)	(23.2)	(23.2)	(23.5)	(23.4)	(25.1)	(25.0)	
									(16.2)	19.3	21.0	19.3	20.8										
									16.2														
三月 Mar	KP HKO KSC TKL TMS	70	26.0	23.3	20.6	2.1	1.5	18.5	20.3	21.2	20.5	21.2	20.9	21.2	21.5	21.5	22.1	22.1	23.1	23.1	24.6	24.6	
									18.8	21.7	23.1	22.3	23.5	22.4	23.2	22.8	22.8	23.4	23.4	23.5	23.5	24.7	24.7
									(16.6)	19.7	21.4	19.7	21.2										
									17.2														
四月 Apr	KP HKO KSC TKL TMS	67	30.7	27.5	24.2	2.8	2.9	22.4	23.5	24.3	23.5	24.2	23.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2	
									22.4	24.5	26.2	25.2	26.5	25.2	26.1	25.0	25.0	24.8	24.9	24.3	24.4	24.7	24.7
									(20.2)	23.1	25.1	22.9	24.9										
									20.7														
五月 May	KP HKO KSC TKL TMS	71	(30.2)	(27.7)	25.2	2.5	(1.9)	23.1	25.0	26.1	25.0	26.1	25.4	25.8	25.6	25.5	25.1	25.1	25.2	25.2	24.6	24.6	
									24.0	25.9	27.3	26.6	27.6	26.6	27.3	26.4	26.4	26.2	26.3	25.6	25.6	25.1	25.1
									(21.9)	24.6	26.2	24.3	26.1										
									22.9														
六月 Jun	KP HKO KSC TKL TMS	62	35.3	31.8	28.4	3.4	1.6	26.0	27.7	29.0	27.7	28.9	28.0	28.5	28.2	28.2	26.9	27.0	27.0	27.0	25.4	25.5	
									26.7	28.9	30.5	29.5	30.9	29.5	30.5	28.7	28.7	28.2	28.3	27.2	27.3	25.9	26.0
									24.5	27.5	29.9	27.1	29.6										
									(25.2)														

() 表示數據不完整

() means incomplete data

表 15 (續)

Table 15 (cont'd)

二零一九年每月的蒸發量、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 2019

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			
			km	°C	°C	°C	mm	mm			°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C			
七月 Jul	KP	72	35.3	32.0	28.6	3.7	2.8	26.5 (27.1) (25.4)	28.7 (29.7) (28.5)	29.9 (31.5) 30.9	28.7 (30.4) 28.2	29.8 (31.9) 30.7	29.0 (30.5)	29.5 (31.4)	29.4 (30.0)	29.3 (29.9)	(27.9) (28.0) (29.6)	(28.0) (28.6)	28.4 (28.6)	28.5 (28.6)	26.6 (27.0)	26.6 (27.0)				
	HKO							25.4																		
	KSC							21.3																		
	TKL																									
	TMS																									
八月 Aug	KP	56	35.7	32.0	28.3	3.5	1.4	25.1 26.2 24.8 25.2 20.7	27.9 29.2 28.0	29.4 31.4 30.7	27.7 30.0 27.7	29.1 31.7 30.6	28.2 30.1 29.9	28.8 31.2 29.8	28.9 29.9 29.9	29.0 29.9 29.9	29.0 29.9 29.9	29.0 29.9 29.9	28.9 29.3 29.3	28.9 29.3 27.9	27.3 27.3 27.9	27.3 27.3 27.9				
	HKO																									
	KSC																									
	TKL																									
	TMS																									
九月 Sep	KP	61	35.3	31.1	26.8	4.3	3.0	23.9 25.6 (23.1)	27.3 29.0 26.9	29.2 31.2 (30.2)	27.5 29.9 27.0	29.3 31.6 (30.5)	28.2 30.1 31.2	29.0 29.9 29.8	29.2 29.9 30.1	29.2 29.9 30.1	29.2 29.9 30.1	28.9 29.5 29.5	28.9 29.5 28.6	28.9 29.5 28.6	28.3 28.6 28.6	28.3 28.6 28.3				
	HKO																									
	KSC																									
	TKL																									
	TMS																									
十月 Oct	KP	64	32.7	28.7	24.6	3.6	3.1	22.1 23.8 (20.7)	25.5 27.5 24.7	27.1 29.4 27.7	26.0 28.4 25.0	27.4 30.0 28.1	26.7 28.7 29.0	27.4 29.7 28.9	28.3 29.0 29.5	28.2 28.9 29.5	28.6 29.5 29.2	28.6 29.5 29.2	28.5 29.2 28.7	28.5 29.2 28.7	28.3 28.6 28.3	28.3 28.6 28.3				
	HKO																									
	KSC																									
	TKL																									
	TMS																									
十一月 Nov	KP	70	28.9	24.7	20.5	3.5	3.0	17.7 (18.7) (15.8)	22.4 (23.5) 21.0	24.4 (25.3) 24.2	23.0 (24.5) 21.4	25.0 (25.9) 24.9	24.1 (24.9) 25.8	25.1 (25.8) 25.7	25.8 (26.5) (26.4)	25.7 (26.5) (26.4)	26.7 (27.7) (27.6)	26.6 (27.7) (27.6)	27.2 (28.0) (27.9)	27.2 (28.0) (28.4)	28.2 (28.4) (28.4)	28.2 (28.4) (28.4)				
	HKO																									
	KSC																									
	TKL																									
	TMS																									
十二月 Dec	KP	73	23.5	20.2	16.8	2.7	2.2	14.1 14.9 (12.0)	18.9 19.3 17.5	20.7 20.9 20.2	19.6 20.3 17.8	21.2 21.6 20.6	20.7 20.7 23.0	21.5 21.5 22.9	22.7 23.0 24.8	22.6 22.9 24.8	24.3 24.8 24.8	24.2 24.8 25.7	25.3 25.7 25.7	25.3 25.7 27.5	27.6 27.5 27.5	27.6 27.5 27.6				
	HKO																									
	KSC																									
	TKL																									
	TMS																									
全年 Year	KP	66	(30.2)	(26.8)	23.4	3.0	(2.2)	21.1 (21.7) (19.5)	23.8 (24.9) 23.1	25.2 (26.6) (25.5)	24.0 (25.7) 23.1	25.2 (27.0) (25.6)	24.6 (25.8) (26.7)	25.1 (26.7) (26.2)	25.5 (26.2) (26.2)	25.4 (26.7) (26.7)	(25.6) (25.6) (26.7)	(25.6) (25.6) (26.7)	26.1 (26.7) (26.5)	26.1 (26.5) (26.5)	26.4 (26.6) (26.6)	26.4 (26.6) (26.6)				

() 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二零一九年每月的海面溫度
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 2019

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	18.6	18.8	20.0	17.0	#	#	#	-	-	-	(19.2)	(18.4)	(17.6)
二月	February	19.3	19.5	22.0	18.0	#	#	#	-	-	-	(21.7)	(20.4)	(19.7)
三月	March	20.6	20.8	23.0	18.5	#	#	#	-	-	-	(23.3)	(21.1)	(19.2)
四月	April	23.3	23.8	26.0	22.0	#	#	#	-	-	-	(25.9)	(23.4)	(21.5)
五月	May	24.6	24.9	27.0	22.0	#	#	#	-	-	-	(26.9)	(25.0)	(22.7)
六月	June	26.9	27.3	29.0	24.5	#	#	#	-	-	-	(29.9)	(27.5)	(25.3)
七月	July	26.9	27.4	29.0	25.0	#	#	#	(31.2)	(28.6)	(26.1)	(31.1)	(28.0)	(25.2)
八月	August	27.2	27.6	29.5	25.5	#	#	#	(31.7)	(28.4)	(25.2)	(30.8)	(28.2)	(25.6)
九月	September	27.9	28.5	30.0	26.0	#	#	#	(30.8)	(28.4)	(25.9)	(30.7)	(28.4)	(26.5)
十月	October	27.8	28.2	29.5	26.0	#	#	#	(28.9)	(26.8)	(23.7)	(28.9)	(27.6)	(24.9)
十一月	November	24.6	24.8	26.5	23.0	#	#	#	(27.8)	(24.0)	(21.8)	(27.5)	(24.2)	(21.9)
十二月	December	20.4	20.8	23.0	19.0	#	#	#	23.7	19.3	17.0	(23.2)	(19.6)	(17.7)

() 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8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，直至二零一九年年底仍暫停運作，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. 8 and No.1 respectively.

As the Waglan Island station was damaged by Super Typhoon Mangkhut in 2018, the measurement of sea surface temperature were temporarily suspended until the end of 2019.

表 17

天文台於二零一九年錄得指定雨量、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 2019

月份	Month	微量 Trace	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
			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	12	6	1	1	-	-	-	-	-	-	-
二月	February	21	11	5	4	3	3	1	-	-	2	2
三月	March	21	17	14	13	11	6	3	-	-	4	4
四月	April	18	14	11	10	8	4	2	1	-	8	7
五月	May	26	23	18	17	14	9	3	-	-	6	5
六月	June	27	25	20	17	11	11	7	2	1	11	9
七月	July	27	21	17	13	11	8	2	2	1	15	13
八月	August	22	19	16	14	13	8	7	4	1	13	9
九月	September	18	13	10	9	8	6	3	1	-	8	6
十月	October	13	8	7	7	5	5	2	1	-	4	4
十一月	November	2	-	-	-	-	-	-	-	-	-	-
十二月	December	9	7	3	1	1	-	-	-	-	-	-
全年	Year	216	164	122	106	85	60	30	11	3	71	59

- 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)

二零一九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 2019**

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	327	71	12	17	0	0	0
02	0	0	0	0	0	2	7	244	317	0	0	0
03	0	0	0	0	0	134	48	0	10	0	0	0
04	0	0	51	0	0	2437	82	0	31	0	0	0
05	0	0	10	0	0	0	0	0	0	0	0	0
06	0	0	105	0	36	0	0	9	0	585	0	0
07	0	0	0	0	12	0	0	0	41	191	0	0
08	0	0	0	0	0	2	0	1538	15	0	0	0
09	0	0	0	0	0	5	0	0	3	0	0	0
10	0	0	0	0	0	365	285	23	0	0	0	0
11	0	0	0	967	0	2005	266	7	0	0	0	0
12	0	0	0	28	0	117	0	921	0	32	0	0
13	0	0	0	0	0	6037	0	0	0	1850	0	0
14	0	0	0	53	0	906	0	149	43	56	0	0
15	0	0	0	0	0	0	0	1	0	0	0	0
16	0	0	0	44	0	0	0	1993	72	0	0	0
17	0	0	0	0	0	0	0	314	212	0	0	0
18	0	0	0	1163	0	32	1315	146	30	0	0	0
19	0	151	0	3175	0	0	3398	70	15	0	0	0
20	0	0	0	9094	2597	0	1533	1	0	0	0	0
21	0	0	0	0	54	0	64	0	0	0	0	0
22	0	0	0	0	0	0	287	0	0	0	0	0
23	0	0	0	0	5	0	0	165	0	0	0	0
24	0	0	0	0	0	317	0	7	0	0	0	0
25	0	0	0	0	0	56	0	5678	0	0	0	0
26	0	0	0	0	112	4	0	830	0	0	0	0
27	0	0	0	430	857	0	0	2	0	0	0	0
28	0	0	0	0	269	31	561	0	0	0	0	0
29	0	6	0	0	0	0	21	238	0	0	0	0
30	0	0	0	378	0	637	355	0	0	0	0	0
31	0	0	0	4	0	703	47	0	0	0	0	0
月總閃電次數 Total	0	151	172	15332	3946	13414	8996	12395	806	2714	0	0

表 18(b)

Table 18(b)

二零一九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 2019**

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	1129	372	114	62	0	0	0
02	0	0	0	0	0	42	25	759	1020	0	0	0
03	0	0	0	0	0	522	258	0	47	0	0	0
04	0	0	256	0	0	6593	385	0	185	0	0	0
05	0	0	33	0	0	0	0	0	0	0	0	0
06	0	0	912	0	245	0	0	35	0	2112	0	0
07	0	0	0	0	124	0	0	0	54	156	0	0
08	0	0	0	0	0	7	0	2589	50	0	0	0
09	0	0	0	0	0	68	1	0	37	0	0	0
10	0	0	0	0	0	932	1253	208	0	0	0	0
11	0	0	0	1936	0	7153	798	35	0	0	0	0
12	0	0	0	128	0	1027	0	2612	0	148	0	0
13	0	0	0	0	0	13489	0	0	0	3163	0	0
14	0	0	0	344	0	2109	0	254	240	266	0	0
15	0	0	0	0	0	0	0	20	0	0	0	0
16	0	0	0	591	0	0	0	4675	495	0	0	0
17	0	0	0	0	0	0	0	1078	564	0	0	0
18	0	1	0	4752	0	170	2771	997	234	0	0	0
19	0	1066	0	18878	0	9	6525	520	176	0	0	0
20	0	0	0	27205	10344	0	2313	0	0	0	0	0
21	0	0	0	0	608	0	213	0	0	0	0	0
22	0	0	0	0	0	0	531	0	0	0	0	0
23	0	0	0	0	38	0	0	573	0	0	0	0
24	0	0	0	0	0	764	0	15	0	0	0	0
25	0	0	0	0	0	448	0	19273	0	0	0	0
26	0	0	0	0	528	2	0	3560	0	0	0	0
27	0	0	0	2110	2565	0	0	6	0	0	0	0
28	0	0	0	0	1855	59	1142	0	0	0	0	0
29	0	120	0	0	0	2	21	877	0	0	0	0
30	0	0	1914	0	1647	1065	0	0	0	0	0	0
31	0	0	0	26		1701	167		0	0	0	0
月總閃電次數 Total	0	1067	1321	57858	16333	36172	19374	38367	3164	5845	0	0

表 19(a)

天文台於二零一九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 2019**

月份	Month	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)												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) Percentage of Time of Reduced Visibility (visibility below 8 kilometres, when there is no fog, mist, or precipitation)	可用數據百分率 Percentage of Data Availability
		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	-	-	-	-	-	2.7	9.4	23.3	32.5	73.3	89.0	96.0	12.2	100.0
二月	February	-	-	-	0.4	0.6	3.7	7.6	32.0	40.0	64.0	81.8	90.3	14.3	100.0
三月	March	-	-	-	-	-	1.3	6.2	21.2	28.6	65.6	83.5	89.9	7.9	100.0
四月	April	-	-	-	-	-	0.1	4.6	14.2	20.3	52.1	82.6	96.8	4.4	100.0
五月	May	-	-	-	-	-	0.4	3.5	13.3	22.6	58.7	81.5	91.9	2.7	100.0
六月	June	-	-	-	-	0.1	0.4	1.7	4.7	6.5	19.7	36.1	58.6	1.0	100.0
七月	July	-	-	-	0.3	0.3	0.7	1.7	5.8	9.1	41.3	64.0	78.2	1.5	100.0
八月	August	-	-	-	-	0.1	0.5	2.3	8.5	12.9	34.1	56.3	77.4	4.2	100.0
九月	September	-	-	-	-	0.3	0.3	1.7	5.4	7.4	31.4	55.8	71.9	3.5	100.0
十月	October	-	-	-	-	-	-	-	7.1	13.3	57.4	82.7	91.8	4.7	100.0
十一月	November	-	-	-	-	-	-	-	1.2	4.2	51.7	82.2	91.1	1.2	100.0
十二月	December	-	-	-	-	-	-	5.5	14.7	19.6	50.5	69.5	85.8	7.9	100.0
全年	Year	-	-	-	0.1	0.1	0.8	3.7	12.5	18.0	50.0	72.1	85.0	5.4	100.0

- 表示沒有這種情況

- means no such occurrence

天文台的能見度由專業氣象觀測員每小時評估一次。

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

表 19(b)

香港國際機場於二零一九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 2019**

月份	Month	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)												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) Percentage of Time of Reduced Visibility (visibility below 8 kilometres, when there is no fog, mist, or precipitation)	可用數據百分率 Percentage of Data Availability
		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	-	-	-	-	0.1	4.4	13.3	27.0	44.2	78.9	90.9	95.8	15.3	100.0
二月	February	-	-	-	-	0.1	0.4	1.9	8.8	22.8	53.3	73.7	82.1	3.1	100.0
三月	March	-	-	-	-	0.3	0.8	5.2	13.7	21.6	53.4	74.3	82.9	3.6	100.0
四月	April	-	-	-	0.1	0.1	0.1	0.4	5.0	9.9	26.4	39.2	51.8	2.5	100.0
五月	May	-	-	-	-	-	0.8	2.3	5.6	11.6	30.5	47.7	68.1	0.1	100.0
六月	June	-	-	-	-	0.1	0.3	1.0	1.7	2.8	6.0	12.1	17.1	0.3	100.0
七月	July	-	-	0.1	0.1	0.1	0.5	1.5	3.0	5.5	12.2	29.0	48.8	0.1	100.0
八月	August	-	-	-	-	0.1	0.7	2.2	6.2	10.5	21.9	31.0	39.9	1.3	100.0
九月	September	-	-	-	-	-	0.1	0.8	5.6	8.5	20.4	35.8	53.5	4.2	100.0
十月	October	-	-	-	-	-	0.1	0.4	4.4	9.1	41.3	74.3	88.0	3.5	100.0
十一月	November	-	-	-	-	-	-	2.6	6.1	37.9	77.5	91.1	-	2.6	100.0
十二月	December	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0
全年	Year	-	-	0.0	0.0	0.1	0.7	2.4	7.0	12.7	31.8	48.7	59.8	3.1	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)

中環碼頭於二零一九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 2019

月份	Month	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
		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	-	-	-	-	-	4.2	10.2	29.8	48.3	70.3	76.3	77.7	77.8
二月	February	-	-	-	-	0.3	2.2	12.6	43.3	57.0	84.5	93.6	96.7	98.5
三月	March	-	-	-	-	0.1	1.1	6.7	30.6	50.9	79.6	92.7	96.2	98.1
四月	April	-	-	-	-	-	0.6	6.2	22.1	38.5	69.0	87.6	96.4	99.0
五月	May	-	-	-	-	0.3	1.3	5.5	22.3	39.7	79.0	92.7	96.1	98.3
六月	June	-	-	-	-	0.4	1.5	2.4	6.8	10.8	29.7	57.4	80.1	98.8
七月	July	-	-	-	-	0.3	1.5	2.8	8.5	16.3	56.0	76.7	88.3	97.7
八月	August	-	-	-	0.1	0.8	2.4	4.2	12.2	20.7	45.0	72.6	89.4	94.2
九月	September	-	-	-	0.1	0.3	0.8	3.3	7.8	11.9	44.4	69.4	88.9	97.8
十月	October	-	-	-	-	-	0.4	2.0	11.0	24.3	73.7	92.9	97.0	98.7
十一月	November	-	-	-	-	-	-	-	2.6	10.4	70.0	87.9	91.8	93.9
十二月	December	-	-	-	-	-	-	4.2	14.0	25.5	48.3	60.2	73.3	93.4
全年	Year	-	-	-	0.0	0.2	1.3	5.0	17.5	29.4	62.4	80.0	89.3	95.5

- 表示沒有這種情況

- means no such occurrence

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。

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)

橫瀾島於二零一九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 2019

月份	Month	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
		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	-	-	-	0.7	0.8	1.5	4.6	13.3	25.4	56.2	64.8	70.8	71.8
二月	February	0.6	2.1	2.8	3.7	4.0	7.6	13.2	33.5	44.6	68.2	79.3	83.2	90.9
三月	March	-	0.1	0.7	0.9	1.2	3.6	8.3	19.1	26.5	55.6	68.4	72.4	85.1
四月	April	0.1	0.1	0.6	1.4	1.8	3.2	8.2	19.2	27.5	54.6	71.2	79.2	92.5
五月	May	0.4	0.7	1.3	2.3	2.8	5.0	10.2	21.0	32.9	62.4	78.0	84.5	91.5
六月	June	-	-	-	-	-	0.1	0.6	0.8	1.5	3.3	4.7	6.9	13.8
七月	July	-	-	-	0.3	0.3	0.9	1.3	2.2	3.5	6.9	17.3	30.0	67.2
八月	August	-	-	-	0.1	0.1	0.8	1.7	4.3	6.3	16.8	26.5	37.1	94.8
九月	September	-	-	-	-	-	0.3	0.8	1.0	2.5	6.7	13.3	24.2	95.0
十月	October	-	-	-	-	0.1	0.4	0.4	1.2	1.7	10.5	31.7	57.0	98.3
十一月	November	-	-	-	-	-	-	-	-	3.9	23.1	48.9	86.4	
十二月	December	-	-	0.4	0.7	0.9	1.9	3.2	7.9	11.6	30.2	49.9	54.7	69.0
全年	Year	0.1	0.2	0.5	0.8	1.0	2.1	4.3	10.1	15.2	31.1	43.9	54.0	79.7

- 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)

西灣河於二零一九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 2019

月份	Month	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
		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	-	-	-	-	-	0.4	5.5	18.3	31.3	58.3	73.5	81.3	98.4
二月	February	-	-	0.1	0.6	0.7	3.3	10.4	31.1	41.7	59.8	71.9	78.7	98.8
三月	March	-	-	-	-	-	0.1	6.9	18.7	28.4	52.4	67.3	74.5	98.3
四月	April	-	-	0.1	0.3	0.6	1.9	5.0	13.5	21.8	41.8	52.6	61.5	99.0
五月	May	-	-	-	0.1	0.1	0.5	4.6	14.8	23.1	43.3	55.4	73.3	98.4
六月	June	-	-	0.1	0.6	1.0	1.5	2.8	3.9	5.3	9.7	14.0	17.6	99.4
七月	July	-	-	-	-	0.1	0.7	2.3	3.9	5.5	12.1	23.0	40.1	98.8
八月	August	-	-	-	0.1	0.7	1.3	3.0	5.9	9.5	21.0	29.2	36.2	98.9
九月	September	-	-	-	-	-	0.1	0.6	3.1	4.4	8.9	21.9	34.2	98.2
十月	October	-	-	-	-	0.1	0.5	0.9	3.0	8.5	28.9	53.2	69.2	98.3
十一月	November	-	-	-	-	-	-	-	0.1	1.0	13.6	36.9	61.0	96.5
十二月	December	-	-	-	-	-	-	-	-	-	0.4	1.3	2.4	22.0
全年	Year	-	-	0.0	0.1	0.3	0.9	3.4	9.6	14.9	29.1	41.6	52.4	92.0

- 表示沒有這種情況

- means no such occurrence

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。

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二零一九年的月及年雨量(毫米)
Monthly and Annual Rainfall (mm) Recorded at Manned Stations in 2019

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	3.2	74.6	118.4	194.5	290.9	212.7	302.8+	371.5+	203.1	52.4	0.0	7.7	1831.8
赤鱲角 CHEK LAP KOK	184	10	1.4	66.3	180.3	148.8+	267.7	253.2	342.3+	471.3+	149.2	74.9	0.0	9.9	1965.3
* 涌尾 CHUNG MEI	104	20	7.4	77.3	150.7	214.0	233.6	329.0	422+	465.6+	187.5	74.5	0.0	5.6	2167.2
深水灣高爾夫球場 DEEP WATER BAY GOLF COURSE	84	5	0.1	84.7+	124.7	188.7+	209.2+	367.7+	340.2+	644.5+	144.6+	187.9+	0.0	16.5	2308.8
愉景灣濾水廠 DISCOVERY BAY WATER TREATMENT WORKS	158	75	3.5	48.3	190.9	159.5+	236.3+	254.7+	280.5+	419.3	111.3	147.9	0.0	8.8	1861.0
# 跑馬地馬場 HAPPY VALLEY RACE COURSE	24	35	3.6	76.5	134.7	180.5	261.2	391.7	289.8	691.8+	167.9	167.3	0.0	15.7	2380.7
# 萬宜水庫東站 HIGH ISLAND EAST	152	125	2.1	63.5	199.6	227.6	253.5	443.7	208.4	557.8	263.1	187.7	0.0	24.2+	2431.2
# 萬宜水庫西站 HIGH ISLAND WEST	150	85	3.4	58.2	204.8	234.6	266.6	436.1	302.3	621.5	309.2	267.7	0.0	14.9+	2719.3
* 鶴藪 HOK TAU	103	115	7.9	73.9	139.0	249.8	264.8	286.5	272.2	450.2	187.3	108.2	0.0	12.1	2051.9
天文台 HONG KONG OBSERVATORY	1	30	4.7	68.7	186.5	185.8	231.7	411.9	281.5	654.1	208.3	149.5	Trace	13.5	2396.2
沙田馬場 SHA TIN RACE COURSE	157	10	4.4	62.5	162.2	213.7	246.9	391.7	289.8	767.0	254.6	198.6	0.0	20.2	2611.6
* 深屈 SHAM WAT	185	111	3.7	74.5	243.0	184.1	360.6	367.7	389.5+	626.6+	179.4	71.9	0.0	14.3+	2515.3
石梨貝配水庫 SHEK LEI PUI SERVICE RESERVOIR	16	125	0.0	52.7+	204.5	161.1	188.1	314.2+	395.2+	659.7+	234.0	170.0	0.0	7.5	2387.0
# 石壁水塘 SHEK PIK RESERVOIR	68	5	4.5	80.7	159.2	185.6+	294.8	306.2+	293.8	554.6	228.1	101.4+	0.0	8.6	2217.5
# 大欖涌水塘 TAI LAM CHUNG RESERVOIR	20	45	6.0	78.0	147.0	202.0	259.0	230.5+	261.0	728.0	168.0	92.0	0.0	6.0	2177.5
* 鯉魚湖上站 TSAK YUE WU UPPER	180	80	5.2	56.6	220.6	276.2	302.6	435.0	269.6	580.1+	277.1	200.0	0.0	21.9	2644.9
黃肇枝中學 WONG SHIU CHI MIDDLE SCHOOL	81	25	6.3+	68.8+	151.4	252.9+	193.7	365.6	324.1+	524.3+	194.5+	114.8+	0.0	6.7+	2203.1

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二零一九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 2019

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	10.0	65.5	214.5 (99)	165.0 (99)	325.5 (99)	351.5 (99)	315.5 (94)	345.0 (82)	78.5 (16)	11.5 (15)	0.0 (99)	15.5 (99)	1898.0 (84)
愉景灣 DISCOVERY BAY	R12	4.0	65.5	232.0 (99)	205.0 (99)	283.0 (99)	347.0 (99)	400.0 (99)	535.5 (99)	147.5 (99)	146.0 (99)	0.0 (99)	9.5 (99)	2375.0 (99)
鶴咀 CAPE D'AGUILAR	R14	2.5	65.0	120.0 (99)	153.5 (99)	315.0 (99)	302.5 (99)	444.5 (99)	240.5 (91)	169.0 (99)	211.0 (99)	0.0 (99)	21.0 (99)	2044.5 (98)
西貢 SAI KUNG	R18	6.0	75.0	172.0 (99)	223.5 (99)	311.0 (99)	494.5 (99)	393.5 (99)	378.0 (99)	190.5 (99)	180.5 (99)	0.0 (99)	20.0 (95)	2444.5 (99)
鯤魚涌 QUARRY BAY	R19	1.5	75.5	162.5 (96)	216.5 (94)	204.0 (97)	436.0 (99)	388.0 (99)	471.0 (99)	151.0 (99)	191.0 (99)	0.0 (96)	13.0 (98)	2310.0 (97)
踏石角 TAP SHEK KOK	R21	2.0	54.0	135.0 (99)	164.5 (93)	245.0 (99)	188.0 (98)	261.0 (88)	266.5 (79)	105.0 (85)	38.5 (85)	0.0 (99)	12.5 (99)	1472.0 (95)
尖鼻咀 TSIM BEI TSUI	R22	5.0	49.5	123.0 (99)	179.5 (84)	351.0 (99)	281.5 (99)	251.5 (99)	269.5 (94)	90.0 (77)	48.5 (99)	0.0 (99)	4.0 (96)	1653.0 (96)
大埔 TAI PO	R23	6.5	71.5	145.0 (99)	227.5 (99)	183.5 (99)	356.0 (99)	388.5 (99)	374.0 (99)	247.0 (99)	96.5 (99)	0.0 (99)	11.5 (99)	2107.5 (99)
沙頭角 SHA TAU KOK	R24	10.0	60.5	135.5 (99)	250.0 (99)	249.0 (99)	300.5 (99)	492.5 (99)	367.5 (99)	156.0 (99)	59.5 (99)	0.0 (99)	8.0 (99)	2089.0 (99)
屯門食水主配水庫 TUEN MUN FRESH WATER PRIMARY RESERVOIR	TMR	1.9	53.5	133.4 (99)	208.2 (99)	293.7 (99)	211.1 (99)	326.8 (99)	465.3 (99)	169.8 (99)	75.7 (99)	0.0 (99)	10.6 (99)	1950.0 (99)
凹頭 AU TAU	R28	3.0	74.5	109.0 (99)	161.0 (99)	273.5 (86)	223.0 (94)	250.5 (99)	266.0 (95)	104.0 (94)	49.5 (94)	0.0 (99)	7.5 (99)	1521.5 (97)
落馬洲 LOK MA CHAU	R29	5.0	44.0	108.5 (99)	202.5 (99)	323.5 (99)	284.0 (99)	291.5 (99)	338.0 (99)	200.0 (99)	68.0 (99)	0.0 (99)	4.5 (99)	1869.5 (99)
大美督 TAI MEI TUK	R31	0.0	63.0	135.0 (65)	192.5 (92)	228.0 (99)	328.5 (99)	439.0 (99)	428.5 (99)	175.0 (99)	99.0 (99)	0.0 (99)	12.5 (96)	2101.0 (96)
破邊洲 PO PIN CHAU	PPC	3.5	63.4	203.0 (99)	248.4 (99)	250.4 (99)	424.6 (99)	375.6 (99)	497.2 (98)	176.1 (99)	195.2 (99)	0.0 (99)	26.6 (99)	2464.0 (99)
大灘訓練營 TAI TAN CAMP	TTC	4.5	57.0	189.5 (99)	249.0 (99)	292.5 (99)	429.5 (99)	350.5 (99)	492.5 (98)	220.0 (98)	116.5 (98)	0.0 (70)	21.0 (97)	2422.5 (97)
青衣青柏樓 [#] CHING PAK HOUSE [#]	CPH	3.5	62.5	166.5 (99)	162.0 (99)	201.0 (99)	335.5 (99)	390.0 (99)	532.0 (98)	177.0 (99)	116.5 (99)	0.0 (99)	6.5 (99)	2153.0 (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.

青衣(青柏樓)於2018年7月1日起只量度雨量，此站的雨量數據從2019 年起在本表顯示。

CPH station measured rainfall only since 1 July 2018, the rainfall data of this station is shown in the table from 2019.

表 23(a) 香港氣象要素月平均值 (1961-1990) 及極端值 (1884-1939, 1947-2019)

Table 23(a) Monthly Normals of Meteorological Elements for the 30 Years 1961-1990 and Extreme Values between 1884-1939 and 1947-2019 for Hong Kong

月份 MONTH	氣壓 ATMOSPHERIC PRESSURE					氣溫 AIR TEMPERATURE					相對濕度 RELATIVE HUMIDITY					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 平均	Absolute Diurnal Range 日較差	Absolute Maximum 絕對最高 Mean Daily Maximum 平均日最高 Mean 平均	Absolute Minimum 絕對最低 Mean Daily Minimum 平均日最低 Mean 平均	Absolute WET-BULB TEMPERATURE 露點溫度 Mean 平均	Absolute Dew Point Temperature 濕球溫度 Mean 平均	Absolute Vapour Pressure 水汽壓 Mean 平均	Absolute Amount of Cloud 雲量 Mean 平均	Total 總雨量 Duration 降雨時間 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 Mean 平均	0.1 mm or more 毫米或以上	0.1 mm or more 毫米或以上	25.0 mm or more 毫米或以上	50.0 mm or more 毫米或以上	Maximum Hourly 最高時雨量 Mean Daily 最高日雨量 Maximum Monthly 最高月雨量	小時 hours Duration 日照時間 Mean 平均	度 degrees 盛行風向 Prevaling Direction	公里/小時 km/h Mean Speed 平均風速	* Maximum Gust 最高陣風											
	百帕斯卡 hPa	百帕斯卡 hPa	百帕斯卡 hPa	百帕斯卡 hPa	°C	°C	°C	°C	°C	%	%	%	%	%	毫米 mm	毫米 mm	毫米 mm	小時 hours	度 degrees Prevaling Direction	公里/小時 km/h Mean Speed	*									
JAN 一月	1037.7	1020.2	1003.1	4.1	26.9	18.6	15.8	13.6	0.0	13.0	10.2	13.1	71	76	62	10	58	23.4	41	5.63	0.10	0.00	37.0	99.8	266.9	152.4	45	070	24.0	103
FEB 二月	1032.7	1018.7	998.3	4.1	28.3	18.6	15.9	13.9	2.4	13.8	11.8	14.5	78	82	70	13	73	48.0	69	8.93	0.43	0.03	31.9	94.1	241.0	97.7	30	070	23.8	110
MAR 三月	1033.9	1016.2	1001.9	4.2	30.1	21.3	18.5	16.5	4.8	16.5	15.0	17.6	81	85	73	16	76	66.9	89	10.07	0.60	0.27	56.0	130.0	428.0	96.4	26	070	22.1	103
APR 四月	1028.4	1013.1	999.9	3.8	33.4	24.9	22.2	20.2	9.9	20.2	19.0	22.4	83	88	75	22	78	161.5	82	11.13	2.20	0.97	92.4	237.4	547.7	108.9	29	080	19.7	135
MAY 五月	1020.2	1009.1	981.1	3.4	35.5	28.7	25.9	23.9	15.4	23.7	22.6	27.7	83	87	76	23	74	316.7	92	14.93	3.40	1.93	109.9	520.6	1241.1	153.8	38	090	19.2	140
JUN 六月	1014.7	1006.0	973.8	3.0	35.6	30.3	27.8	25.9	19.2	25.4	24.4	30.7	82	86	76	29	75	376.0	86	19.23	4.23	1.97	145.5	411.3	1346.1	161.1	40	090	21.6	194
JUL 七月	1014.8	1005.3	975.8	3.4	35.7	31.5	28.8	26.6	21.7	26.0	24.9	31.6	80	85	73	43	65	323.5	67	17.47	3.93	1.97	115.1	534.1	1147.2	231.1	56	230	20.0	158
AUG 八月	1016.3	1005.1	961.6	3.5	36.6	31.3	28.4	26.3	21.6	25.9	24.8	31.4	81	86	74	41	66	391.4	73	17.30	4.70	2.17	82.1	334.2	1090.1	207.0	52	090	18.5	209
SEP 九月	1019.0	1008.8	953.2	3.6	35.2	30.3	27.6	25.5	18.4	24.6	23.3	28.8	78	83	71	26	63	299.7	68	14.37	3.57	1.63	84.0	325.5	844.2	181.7	49	090	21.9	234
OCT 十月	1024.5	1014.0	977.3	3.6	34.3	27.9	25.2	23.1	13.5	21.8	19.8	23.6	73	78	66	21	56	144.8	48	8.60	1.50	0.87	78.7	292.2	718.4	195.0	54	090	27.6	184
NOV 十一月	1033.2	1017.9	974.9	3.8	31.8	24.2	21.4	19.2	6.5	17.9	15.2	18.0	69	74	61	17	53	35.1	37	5.87	0.40	0.10	46.6	149.2	224.2	181.5	55	080	27.2	175
DEC 十二月	1033.5	1020.2	1004.6	4.0	28.7	20.5	17.6	15.4	4.3	14.3	11.2	14.1	68	73	59	14	49	27.3	31	3.87	0.23	0.10	51.7	177.3	206.9	181.5	54	080	25.5	108
YEAR 全年	1037.7	1012.9	953.2	3.7	36.6	25.7	23.0	20.9	0.0	20.3	18.6	22.8	77	82	70	10	65	2214.3	782	137.40	25.30	12.00	145.5	534.1	1346.1	1948.1	44	080	22.6	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				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 - 2019

† 基於每小時人手觀測數據

† Based on hourly manual observations

表 23(b) 香港氣象要素月平均值 (1971-2000) 及極端值 (1884-1939, 1947-2019)

Table 23(b) Monthly Normals of Meteorological Elements for the 30 Years 1971-2000 and Extreme Values between 1884-1939 and 1947-2019 for Hong Kong

月份 MONTH	氣壓 ATMOSPHERIC PRESSURE				氣溫 AIR TEMPERATURE				相對濕度 RELATIVE HUMIDITY				雨量 RAINFALL								日照 BRIGHT SUNSHINE		風 WIND									
	Absolute Maximum 絕對最高	Absolute Minimum 絕對最低	Mean 平均	Mean Diurnal Range 平均日較差	Absolute Maximum 絕對最高	Absolute Minimum 絕對最低	Mean Daily Maximum 平均日最高	Mean Daily Minimum 平均日最低	Absolute Maximum 絕對最高	Absolute Minimum 絕對最低	Mean Mean	Mean Mean	WET-BULB TEMPERATURE 露點溫度	DEW POINT TEMPERATURE 濕球溫度	VAPOUR PRESSURE 水汽壓	Mean Mean	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	AMOUNT OF CLOUD 雲量	Total 總雨量 毫米 mm	Duration 小時 hours	降雨時間 0.1 mm or more 毫米或以上	降雨日數 Number of Days with 0.1 mm or more 毫米或以上	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 小時 hours	日照時間 可能日照百分率 Percentage of Possible Daylight Hours %	盛行風向 Prevaling Direction	平均風速 Mean Speed 公里/小時 km/h	最高陣風 Maximum Gust * * 最高陣風 km/h
	百帕斯卡 hPa	百帕斯卡 hPa	百帕斯卡 hPa	百帕斯卡 hPa	°C	°C	°C	°C	°C	°C	°C	°C	百帕斯卡 hPa	%	%	%	%	%														
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	百帕斯卡 hPa	%	%	%	%	%		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	35.5	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	292.2	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						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 - 2019

† 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, 1947-2019)

Table 23(c) Monthly Normals of Meteorological Elements for the 30 Years 1981-2010 and Extreme Values between 1884-1939 and 1947-2019 for Hong Kong

月份 MONTH	氣 壓 ATMOSPHERIC PRESSURE				氣 溫 AIR TEMPERATURE				相 對 濕 度 RELATIVE HUMIDITY				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 平均	Absolute Diurnal Range 絕對日較差 Mean 平均	Absolute Maximum 絕對最高 Mean Daily Maximum 平均日最高 Mean 平均	Absolute Minimum 絕對最低 Mean Daily Minimum 平均日最低 Mean 平均	Absolute Mean 絕對平均 Mean 平均	Absolute WET-BULB TEMPERATURE 絕對濕球溫度 Mean 平均	Absolute Dew Point Temperature 絕對露點溫度 Mean 平均	Absolute Vapour Pressure 絕對水汽壓 Mean 平均	Absolute Amount of Cloud 絕對雲量 Mean 平均	Total 總雨量	Duration 降雨時間	Number of Days with 降雨日數	0.1 mm or more 0.1 毫米或以上	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	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 日照百分率	Prevaling Direction 盛行風向	Mean Speed 平均風速	Maximum Gust * 最高陣風 * Maximum Gust * 最高陣風					
	百帕斯卡 hPa	百帕斯卡 hPa	百帕斯卡 hPa	百帕斯卡 hPa	°C	°C	°C	°C	°C	%	%	%	%	%	毫米 mm	小時 hours		毫米 mm	毫米 mm	毫米 mm	小時 hours	%	度 degrees	公里/小時 km/h	公里/小時 km/h					
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	35.5	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	292.2	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		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 - 2019

† 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 (Visibility < 1000 m)	風 WIND			土壤溫度 SOIL TEMPERATURE						MEAN DAILY GLOBAL SOLAR RADIATION	TOTAL EVAPORATION	TOTAL POTENTIAL EVAPOTRANSPIRATION	海面溫度 SEA SURFACE TEMPERATURE				NUMBER OF DAYS WITH TROPICAL CYCLONE WARNING SIGNAL				熱帶氣旋 警告信號 生效日數	強烈季候 風信號生 效日數		
	Number of Days with Lightning	閃電 日 數		Prevaling Direction	盛行 風 向	Mean Speed	平均 風 速	Maximum Gust	最高 陣 風	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 #	0700	1900	0700	1900	0700	1900	0700	1400	0700 或或 1100	1400 或或 1700	No. 1 and Higher	No. 3 and Higher	No. 8 and Higher	No. 9 and No. 10
	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	兆焦耳/米 ² MJ/m ²	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	兆焦耳/米 ² MJ/m ²	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	兆焦耳/米 ² MJ/m 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	兆焦耳/米 ² MJ/m ²	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	兆焦耳/米 ² MJ/m ²	16.12	137.7	115.0	24.5	25.0	24.5	24.8	0.70	0.50	0.13	0.03	0.13	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	兆焦耳/米 ² MJ/m ²	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	兆焦耳/米 ² MJ/m ²	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	兆焦耳/米 ² MJ/m ²	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	兆焦耳/米 ² MJ/m ²	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	兆焦耳/米 ² MJ/m 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	兆焦耳/米 ² MJ/m ²	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	兆焦耳/米 ² MJ/m ²	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	兆焦耳/米 ² MJ/m ²	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 - 2019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 1947-2019

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 一千米 (Visibility < 1000 m)	風 WIND			土壤溫度 SOIL TEMPERATURE						MEAN DAILY GLOBAL SOLAR RADIATION	TOTAL EVAPORATION	TOTAL POTENTIAL EVAPOTRANSPIRATION	海面溫度 SEA SURFACE TEMPERATURE				NUMBER OF DAYS WITH TROPICAL CYCLONE WARNING SIGNAL				熱帶氣旋 警告信號 生效日數	強烈季候風 信號 生效日數		
	Number of Days with Lightning	閃電日數	雷暴日數		盛行風向	Mean Speed	平均風速	0.5 米 0.5 m	1.0 米 1.0 m	1.5 米 1.5 m	0700	1900	0700	1900	0700	1900	0700	1400	0700 或或 1100	1400 或或 1700	No. 1 and Higher	一號及 更高	No. 3 and Higher	三號及 更高	No. 8 and Higher	八號及 更高	No. 9 and No. 10	九號及 十號
								觀測時間 # Time of Observation #																				
	公里/小時 degrees	公里/小時 km/h	°C	°C	°C	°C	°C	兆焦耳/米 ² MJ/m ²	毫米 mm	毫米 mm	°C	°C	°C	°C	0700	1400	0700 或或 1100	1400 或或 1700	No. 1 and Higher	一號及 更高	No. 3 and Higher	三號及 更高	No. 8 and Higher	八號及 更高	No. 9 and No. 10	九號及 十號	NUMBER OF DAYS WITH STRONG MONSOON SIGNAL	
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	0.27	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	0.03	0.03	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	0.50	0.50	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	0.17	0.17	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	0.07	0.07	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	0.07	0.07	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	0.37	0.37	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 - 2019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 1947-2019

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						MEAN DAILY GLOBAL SOLAR RADIATION 平均 每日 太 陽 總 輻 射	TOTAL EVAPORATION 總 蒸 發 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				熱帶氣旋 警告信號 生效日數 NUMBER OF DAYS WITH STRONG MONSOON SIGNAL		
	Number of Days with Lightning	閃電 日 數		Precipitation Prevaling Direction	盛行 風 向	Mean Speed	平均 風 速	Maximum Gust	最高 陣 風	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 #						觀測時間 # Time of Observation #							
										0700	1900	0700	1900	0700	1900	0700	1400	0700 or 或 1100	1400 or 或 1700	No. 1 and Higher	No. 3 and Higher	No. 8 and Higher	No. 9 and No. 10			
										0700	1900	0700	1900	0700	1900	0700	1400	0700 or 或 1100	1400 or 或 1700	No. 1 and Higher	No. 3 and Higher	No. 8 and Higher	No. 9 and No. 10			
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 - 2019年間的極端值

* Extreme values for the period 1911-1939 and April 1947-2019

香港時間，即協調世界時 + 8 小時

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

表 25
Table 25

二零一九年協調世界時零時的高空數據摘要
Summary of Upper-air Data at 00 UTC in 2019

			1000		925		850		700		500		400		300		250	
			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	百帕斯卡	hPa
一月 January	072	11	31	093	17	31	135	7	31	256	28	31	262	67	31	252	88	31
	15.4	31		13.9	31		11.4	31		6.8	31		-6.9	31		-16.9	31	
	11.6	31		10.4	31		7.7	31		-11.8	31		-33	31		-40.9	31	
	185	31		844	31		1556	31		3162	31		5862	31		7568	31	
二月 February	090	12	28	145	19	28	210	17	28	259	41	28	253	71	28	252	96	28
	17.7	28		15.8	28		13.1	28		7.5	28		-7.8	28		-19.6	28	
	16	28		14.8	28		10	28		-12.3	28		-30.7	28		-39.3	28	
	160	28		825	28		1542	28		3156	28		5856	28		7551	28	
三月 March	083	10	31	139	16	31	221	22	31	267	41	31	266	75	31	264	108	31
	19.2	31		16.6	31		14	31		6.4	31		-6.7	31		-16.8	31	
	16.7	31		15.1	31		11.8	31		-1	31		-32.9	31		-44.1	31	
	136	31		804	31		1524	31		3146	31		5836	31		7543	31	
四月 April	100	8	29	177	16	29	227	23	29	263	33	29	263	53	29	264	75	29
	23	29		19.5	29		17.3	29		9.3	29		-6.5	29		-16.8	29	
	20.7	29		18.5	29		13.7	29		1.1	29		-25.4	29		-33.2	29	
	111	29		788	29		1515	29		3155	29		5859	29		7569	29	
五月 May	097	6	28	138	15	31	217	20	31	261	25	31	280	30	31	282	33	31
	23.7	28		20.3	31		18.3	31		10.5	31		-4.1	31		-13.8	31	
	21.6	28		19.4	31		16.1	31		6.1	31		-15.1	31		-27.6	31	
	91	28		768	31		1499	31		3144	31		5872	31		7601	31	
六月 June	206	2	11	217	22	30	222	30	30	244	28	30	258	18	30	265	7	30
	27.3	11		23.4	30		19.7	30		12.1	30		-2.9	30		-12.8	30	
	25.2	11		21.5	30		16.6	30		5.3	30		-12.9	30		-23.5	30	
	79	13		747	30		1483	30		3137	30		5882	30		7617	30	
七月 July	135	1	5	201	15	31	196	19	31	197	14	31	155	10	31	111	12	31
	28.1	5		23.7	31		19.7	31		12.3	31		-2.8	31		-13	31	
	25.8	5		22.1	31		17.4	31		6.1	31		-11.7	31		-24.2	31	
	72	5		732	31		1473	31		3128	31		5875	31		7610	31	
八月 August	297	1	6	128	4	31	114	3	31	108	3	31	081	9	31	089	13	31
	27	6		24.7	31		21.6	31		12.3	31		-2.7	31		-12.6	31	
	24.7	6		21.6	31		17.4	31		6.4	31		-10.9	31		-22.9	31	
	70	6		725	31		1466	31		3125	31		5871	31		7609	31	
九月 September	060	4	21	062	21	30	067	25	30	073	14	30	061	10	30	071	9	30
	26.8	21		21.9	30		18	30		10.8	30		-3.7	30		-15.1	30	
	20.5	21		18	30		13.2	30		0.9	30		-18.5	30		-29.7	30	
	110	21		780	30		1508	30		3152	30		5883	30		7608	30	
十月 October	070	7	29	081	19	29	076	12	29	001	4	29	286	13	29	294	21	29
	24.3	29		19.3	29		15.9	29		9	29		-5.5	29		-16.1	29	
	19.5	29		16.2	29		11.4	29		-0.9	29		-19.8	29		-35.3	29	
	136	29		808	29		1541	29		3166	29		5886	29		7602	29	
十一月 November	052	11	30	068	25	30	047	14	30	293	7	30	274	32	30	272	42	30
	20.1	30		16	30		13.9	30		8.2	30		-5.5	30		-16.1	30	
	14.1	30		11	30		4.9	30		-11.2	30		-30	30		-41.7	30	
	159	30		825	30		1542	30		3163	30		5879	30		7596	30	
十二月 December	056	13	31	073	23	31	071	7	31	250	25	31	253	65	31	258	90	31
	16.4	31		13.8	31		11.2	31		7.3	31		-7.6	31		-18	31	
	10.1	31		7.1	31		3.4	31		-16.5	31		-33	31		-43.7	31	
	178	31		838	31		1548	31		3157	31		5852	31		7555	31	
全年 YEAR	076	6	280	118	11	362	192	7	362	257	18	362	262	33	362	261	43	362
	22.4	280		19.1	362		16.2	362		9.4	362		-5.2	362		-15.6	362	
	18.9	280		16.3	362		12	362		-2.3	362		-22.8	362		-33.8	362	
	124	282		790	362		1516	362		3149	362		5868	362		7586	362	

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 meterological 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)

二零一九年協調世界時零時的高空數據摘要
Summary of Upper-air Data at 00 UTC in 2019

	200		150		100		70		50		30		20		對流層頂 Tropopause									
	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											
一月 January	246	120	31	237	128	31	253	76	31	255	32	31	287	22	29	293	19	27	265	31	26	249	69	30
	-53	31		-66.2	31		-79.1	31		-79.6	31		-71.3	29		-61.3	27		-55.8	26		-80.1	30	
	-67.2	31		-80.1	31		-90.7	31		-91.5	31		-91.6	29		-90.3	27		-87	26		-90.4	30	
	12406	31		14204	31		16581	31		18594	31		20548	31		23636	28		26189	26		16808	30	
二月 February	258	136	28	250	118	28	260	79	28	255	39	28	273	35	25	291	31	25	255	30	24	251	67	26
	-52.5	28		-64	28		-77.3	28		-77.8	28		-71.3	25		-60	25		-53.6	24		-81.2	26	
	-70.6	28		-81.9	28		-90.3	28		-92.3	28		-91.4	25		-89.1	25		-85.4	24		-92.1	26	
	12366	28		14175	28		16571	28		18596	28		20556	27		23656	25		26229	25		17392	26	
三月 March	259	131	31	259	119	31	262	79	31	269	47	31	290	21	31	008	12	30	165	12	30	258	83	31
	-52.6	31		-66.4	31		-78.3	31		-77.5	31		-67.6	31		-58.1	30		-52	30		-80.5	31	
	-69.6	31		-78	31		-88.9	31		-91.7	31		-91.1	31		-87.9	30		-84.7	30		-89	31	
	12389	31		14188	31		16558	31		18586	31		20558	31		23700	31		26292	30		16730	31	
四月 April	267	108	29	264	88	29	281	46	29	286	17	29	027	16	28	084	18	27	141	18	27	274	41	29
	-51.9	29		-64.3	29		-76.2	29		-77.9	29		-69.7	28		-56.3	27		-51.8	27		-79.9	29	
	-66.1	29		-77.9	29		-87.9	29		-91	29		-91.2	28		-87	27		-84.6	27		-89	29	
	12419	29		14229	29		16630	29		18664	29		20626	28		23777	28		26375	27		17244	29	
五月 May	295	46	31	308	43	30	345	19	30	069	19	30	070	29	30	099	40	29	105	35	28	359	15	30
	-50.4	31		-64.6	30		-78.7	30		-79.3	30		-67.6	30		-56.1	29		-49.6	28		-81.6	30	
	-62	31		-73.8	30		-86	30		-90	30		-90.9	30		-86.8	29		-83.7	28		-87.6	30	
	12502	31		14317	31		16697	30		18711	30		20675	30		23847	30		26459	28		17285	30	
六月 June	014	20	30	013	36	30	047	46	30	072	51	29	083	47	29	094	65	27	092	73	26	048	46	29
	-49.4	30		-64	30		-78.5	30		-77.3	29		-65.4	29		-55.6	27		-50.3	26		-81.2	29	
	-58.7	30		-72.4	30		-84.9	30		-89.5	29		-90.2	29		-86.4	27		-84.1	26		-86.5	29	
	12545	30		14367	30		16754	30		18778	29		20766	29		23952	27		26566	27		17319	29	
七月 July	061	37	31	062	48	31	063	65	31	082	70	29	084	72	27	090	91	26	096	96	25	062	66	29
	-49.5	31		-64.5	31		-78.7	31		-73.1	29		-64.8	27		-56.1	26		-50.9	25		-80.6	29	
	-56.8	31		-72.2	31		-84.6	31		-89.2	29		-89.7	27		-86.3	26		-83.9	25		-85.7	29	
	12534	31		14354	31		16732	31		18779	29		20797	29		23978	27		26591	25		16936	29	
八月 August	071	12	31	064	19	31	071	58	31	081	64	30	084	72	28	091	95	28	093	95	27	070	56	30
	-49	31		-64.2	31		-78	31		-72.4	30		-65.1	28		-56.3	28		-50.9	27		-79.9	30	
	-59.9	31		-72.1	31		-84.9	31		-88.9	30		-89.5	28		-86.2	28		-83.6	27		-85	30	
	12539	31		14362	31		16745	31		18803	30		20819	30		23997	28		26607	27		16779	30	
九月 September	237	15	30	222	7	30	073	32	30	082	52	30	088	62	30	091	81	30	091	93	29	077	33	30
	-50.8	30		-65	30		-78.5	30		-73.6	30		-67.2	30		-59.3	30		-54	29		-79.6	30	
	-64	30		-74.8	30		-85.3	30		-88.5	30		-90.2	30		-87.3	30		-84.5	29		-85.7	30	
	12496	30		14308	30		16689	30		18736	30		20736	30		23879	30		26449	29		16750	30	
十月 October	275	42	29	277	34	29	269	12	28	089	16	28	087	30	28	088	55	28	096	72	28	259	12	28
	-52.2	29		-65.9	29		-79.6	28		-73.8	28		-65.7	28		-57	28		-52.1	28		-81	28	
	-68.4	29		-78	29		-86.7	28		-88.5	28		-90	28		-86.3	28		-83.7	28		-87.3	28	
	12445	29		14248	29		16614	29		18652	28		20659	28		23826	28		26421	28		16682	28	
十一月 November	256	69	30	254	64	29	261	37	29	269	10	29	102	4	29	090	23	29	105	28	27	258	35	29
	-52.4	30		-66.5	29		-80.4	29		-76.4	29		-66.7	29		-57.8	29		-52.7	27		-82.7	29	
	-69.3	30		-78	29		-88.5	29		-88.3	29		-91.2	29		-87.5	29		-84.8	27		-89	29	
	12445	30		14244	30		16605	29		18624	29		20611	29		23770	29		26360	28		17032	29	
十二月 December	255	124	31	250	123	31	254	94	31	259	55	31	264	28	31	101	10	28	105	15	25	249	94	31
	-52.8	31		-66.3	31		-79.1	31		-76.4	31		-67.4	31		-57.4	28		-53	25		-81	31	
	-69.4	31		-78.9	31		-88.6	31		-89.2	31		-91.3	31		-87.5	28		-84.9	25		-88.7	31	
	12391	31		14187	31		16555	31		18584	31		20568	31		23723	28		26316	26		16693	31	
全年 YEAR	262	60	362	260	51	360	279	20	359	070	6	355	075	19	345	088	36	334	100	39	322	270	17	352
	-51.4	362		-65.2	360		-78.5	359		-76.3	355		-67.5	345		-57.6	334		-52.2	322		-80.8	352	
	-65.2	362		-76.5	360		-87.3	359		-89.9	355		-90.7	345		-87.4	334		-84.6	322		-88	352	
	12457	362		14265	362		16644	360		18676	355		20660	353		23812	339		26404	326		16971	352	

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) 鯉魚涌於二零一九年的潮水觀測摘要
Table 26(a) Summary of Observed Sea Levels at Quarry Bay in 2019

	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	1.54	1.43	1.44	1.40	1.47	1.37	1.36	1.43	1.60	1.62	1.61	1.45	1.48
最高高潮 Highest High Water													
潮高 Height	2.95	2.67	2.51	2.31	2.66	2.46	2.72	2.97	2.62	2.68	2.76	2.76	2.97
日期 Date (MMDD)	0121	0218	0307	0401	0507	0617	0731	0801	0901	1030	1128	1227	0801
時間 Time (HHmm)	2126	2021	2246	1848	1022	0856	0715	0738	1029	2252	2214	2210	0738
最低低潮 Lowest Low Water													
潮高 Height	0.28	0.14	0.26	0.35	0.32	0.17	0.09	0.23	0.57	0.57	0.42	0.25	0.09
日期 Date (MMDD)	0123	0220	0321	0420	0520	0605	0705	0830	0910	1003	1114	1214	0705
時間 Time (HHmm)	0459	0357	0325	1558	1637	1658	1739	1600	1352	0625	0418	0445	1739
平均高高潮 Mean Higher High Water	2.34	2.21	2.11	2.07	2.21	2.12	2.14	2.21	2.32	2.31	2.37	2.23	2.22
平均低高潮 Mean Lower High Water	1.67	1.62	1.73	1.74	1.75	1.53	1.49	1.58	1.92	1.98	1.86	1.60	1.70
平均高低潮 Mean Higher Low Water	1.30	1.11	1.05	1.01	1.18	1.12	1.11	1.13	1.20	1.21	1.31	1.19	1.16
平均低低潮 Mean Lower Low Water	0.76	0.67	0.66	0.59	0.66	0.53	0.52	0.56	0.83	0.83	0.82	0.63	0.67
平均潮差 Mean Range	0.93	1.02	1.03	1.12	1.04	0.98	0.97	1.02	1.07	1.12	1.07	1.02	1.03
最高潮差 Maximum Range	2.54	2.35	2.10	1.80	1.97	2.17	2.33	2.50	1.98	1.87	2.11	2.20	2.54
觀測時數 No. of Hourly Data	738	671	744	719	744	720	739	744	720	744	720	744	8747

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) 石壁於二零一九年的潮水觀測摘要

Table 26(b) Summary of Observed Sea Levels at Shek Pik in 2019

	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	1.51	1.43	1.43	1.40	1.50	1.39	1.36	1.42	1.61	1.61	1.58	1.44	1.47
最高高潮 Highest High Water													
潮高 Height	2.98	2.70	2.67	2.48	2.75	2.62	2.81	3.20	2.69	2.68	2.75	2.75	3.20
日期 Date (MMDD)	0121	0218	0307	0423	0507	0617	0731	0801	0901	1030	1126	1227	0801
時間 Time (HHmm)	2153	2054	2250	1138	1058	0850	0746	0930	1052	2225	2101	2242	0930
最低低潮 Lowest Low Water													
潮高 Height	0.06	0.01	0.11	0.22	0.19	0.01	0.01	0.12	0.43	0.45	0.29	0.13	0.01
日期 Date (MMDD)	0123	0220	0321	0420	0520	0604	0704	0802	0927	1003	1128	1214	0220
時間 Time (HHmm)	0544	0438	0354	1616	1701	1634	1745	1701	1434	0651	0432	0502	0438
平均高高潮 Mean Higher High Water	2.37	2.28	2.20	2.18	2.25	2.25	2.24	2.25	2.36	2.36	2.38	2.29	2.28
平均低高潮 Mean Lower High Water	1.67	1.66	1.77	1.77	1.83	1.60	1.53	1.63	1.94	2.01	1.85	1.61	1.74
平均高低潮 Mean Higher Low Water	1.21	1.07	0.99	1.02	1.16	1.12	1.09	1.10	1.18	1.20	1.29	1.20	1.13
平均低低潮 Mean Lower Low Water	0.59	0.55	0.54	0.48	0.59	0.43	0.40	0.47	0.74	0.72	0.69	0.53	0.56
平均潮差 Mean Range	1.08	1.14	1.17	1.22	1.19	1.13	1.11	1.14	1.15	1.21	1.15	1.10	1.15
最高潮差 Maximum Range	2.79	2.60	2.30	2.19	2.19	2.46	2.70	2.91	2.21	2.04	2.34	2.40	2.91
觀測時數 No. of Hourly Data	723	670	744	714	730	720	737	744	715	742	720	741	8700

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) 尖鼻咀於二零一九年的潮水觀測摘要
Table 26(c) Summary of Observed Sea Levels at Tsim Bei Tsui in 2019

		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	1.55	1.49	1.49	1.49	1.55	1.50	1.48	1.51	1.62	1.62	1.62	1.47	1.53
最高高潮	Highest High Water													
潮高	Height	3.19	3.03	2.87	2.81	3.04	3.07	3.17	3.47	3.00	2.94	2.97	2.95	3.47
日期	Date (MMDD)	0121	0219	0320	0421	0508	0618	0704	0801	0901	1031	1127	1227	0801
時間	Time (HHmm)	2254	2146	2147	1046	1117	1019	1021	0911	1051	2337	2159	2310	0911
最低低潮	Lowest Low Water													
潮高	Height	0.01	0.01	0.06	0.14	0.07	0.01	0.02	0.03	0.27	0.24	0.08	0.01	0.01
日期	Date (MMDD)	0121	0221	0319	0417	0520	0605	0705	0830	0927	1029	1114	1227	0121
時間	Time (HHmm)	0630	0745	0454	0415	1927	1955	2053	1837	1654	0614	0658	0654	0630
平均高高潮	Mean Higher High Water	2.62	2.55	2.47	2.44	2.60	2.64	2.62	2.60	2.59	2.52	2.60	2.51	2.56
平均低高潮	Mean Lower High Water	1.85	1.89	1.99	2.08	2.04	1.87	1.78	1.86	2.17	2.21	2.05	1.76	1.96
平均高低潮	Mean Higher Low Water	1.13	0.95	0.93	0.95	1.06	1.06	1.05	1.03	1.02	1.05	1.20	1.16	1.05
平均低低潮	Mean Lower Low Water	0.43	0.37	0.38	0.34	0.38	0.34	0.33	0.40	0.52	0.50	0.50	0.37	0.41
平均潮差	Mean Range	1.40	1.52	1.55	1.62	1.56	1.53	1.49	1.49	1.58	1.57	1.46	1.36	1.51
最高潮差	Maximum Range	3.08	2.91	2.79	2.65	2.77	3.00	3.13	3.18	2.70	2.50	2.82	2.78	3.18
觀測時數	No. of Hourly Data	744	669	744	719	744	720	739	743	720	744	720	743	8749

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) 大埔滘於二零一九年的潮水觀測摘要
Table 26(d) Summary of Observed Sea Levels at Tai Po Kau in 2019

		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	1.46	1.46	1.43	1.50	1.39	1.36	1.44	1.62	1.63	1.64	1.49	1.50
最高高潮	Highest High Water													
潮高	Height	3.01	2.69	2.53	2.40	2.69	2.49	2.62	2.93	2.71	2.77	2.92	2.88	3.01
日期	Date (MMDD)	0121	0217	0307	0416	0507	0617	0731	0801	0928	1030	1128	1227	0121
時間	Time (HHmm)	2207	2037	2241	2010	1141	1014	0901	0726	0926	2328	2256	2230	2207
最低低潮	Lowest Low Water													
潮高	Height	0.23	0.10	0.24	0.32	0.27	0.14	0.08	0.19	0.55	0.47	0.40	0.29	0.08
日期	Date (MMDD)	0123	0220	0321	0421	0520	0606	0705	0830	0927	1003	1114	1227	0705
時間	Time (HHmm)	0509	0421	0351	1716	1704	1806	1805	1537	1444	0636	0438	0422	1805
平均高高潮	Mean Higher High Water	2.36	2.26	2.14	2.06	2.19	2.09	2.14	2.22	2.37	2.36	2.44	2.28	2.24
平均低高潮	Mean Lower High Water	1.70	1.68	1.76	1.79	1.79	1.59	1.55	1.64	1.98	2.10	1.93	1.67	1.76
平均高低潮	Mean Higher Low Water	1.24	1.09	1.07	0.98	1.19	1.03	1.03	1.07	1.19	1.27	1.40	1.26	1.15
平均低低潮	Mean Lower Low Water	0.75	0.68	0.68	0.62	0.69	0.53	0.48	0.56	0.83	0.84	0.85	0.67	0.68
平均潮差	Mean Range	1.00	1.07	1.05	1.12	1.04	1.07	1.09	1.09	1.13	1.17	1.05	1.04	1.07
最高潮差	Maximum Range	2.59	2.42	2.17	1.98	1.99	2.23	2.36	2.52	2.16	1.96	2.17	2.18	2.59
觀測時數	No. of Hourly Data	743	662	744	719	743	715	737	744	715	736	720	738	8716

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) 大廟灣於二零一九年的潮水觀測摘要
Table 26(e) Summary of Observed Sea Levels at Tai Miu Wan in 2019

		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	1.48	1.41	1.37	1.33	1.46	1.34	1.33	1.41	1.61	1.62	1.56	1.41	1.44
最高高潮	Highest High Water													
潮高	Height	2.92	2.66	2.47	2.25	2.64	2.42	2.70	2.93	2.56	2.61	2.67	2.69	2.93
日期	Date (MMDD)	0121	0218	0307	0415	0508	0617	0731	0801	0901	1015	1128	1227	0801
時間	Time (HHmm)	2119	2047	2235	1748	1048	0849	0853	0726	1028	2231	2233	2221	0726
最低低潮	Lowest Low Water													
潮高	Height	0.21	0.08	0.18	0.25	0.27	0.16	0.11	0.29	0.61	0.61	0.42	0.24	0.08
日期	Date (MMDD)	0123	0220	0321	0422	0520	0607	0705	0830	0910	1003	1114	1214	0220
時間	Time (HHmm)	0502	0405	0326	1725	1633	1858	1724	1509	1409	0629	0426	0434	0405
平均高高潮	Mean Higher High Water	2.29	2.19	2.06	1.99	2.11	2.09	2.08	2.11	2.27	2.28	2.29	2.17	2.16
平均低高潮	Mean Lower High Water	1.61	1.59	1.65	1.62	1.74	1.53	1.45	1.56	1.87	1.96	1.79	1.56	1.66
平均高低潮	Mean Higher Low Water	1.24	1.08	0.97	0.93	1.18	1.06	1.08	1.12	1.23	1.23	1.23	1.18	1.12
平均低低潮	Mean Lower Low Water	0.70	0.64	0.58	0.53	0.65	0.53	0.53	0.59	0.87	0.87	0.79	0.60	0.66
平均潮差	Mean Range	0.94	1.03	1.04	1.08	1.03	0.96	0.94	0.96	1.00	1.06	1.06	0.96	1.00
最高潮差	Maximum Range	2.59	2.38	2.07	1.84	1.94	2.20	2.27	2.45	1.87	1.79	2.01	2.12	2.59
觀測時數	No. of Hourly Data	744	670	744	710	743	682	737	736	715	742	720	741	8684

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