

每月天氣摘要 二零一五年二月

Monthly Weather Summary February 2015



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1. 二零一五年二月天氣回顧

二零一五年二月上下半月的天氣截然不同，上半月大致天晴及乾燥，而下半月則普遍多雲及潮濕。整體來說，二零一五年二月較正常溫暖，月平均氣溫為 17.5 度，較正常數值 16.8 度為高。月總雨量為 32.0 毫米，較正常值 54.4 毫米的六成為少。而本年首兩個月的累積雨量為 73.7 毫米，較同期正常數值 78.9 毫米少約百分之 7。

受東北季候風影響，本港於本月首天天氣清涼、多雲及有幾陣微雨。除有煙霞外，隨後兩天轉為大致天晴。一股東北季候風的補充於二月四日抵達廣東沿岸，為本港帶來普遍多雲的天氣。隨後兩天天氣轉為寒冷及有幾陣微雨，天文台的氣溫於二月六日早上下降至最低的 11.0 度，是本月的最低氣溫。

隨著冬季季候風緩和，本港氣溫於二月七日回升二至三度，天氣轉為部分時間有陽光及有煙霞。受一股乾燥的內陸氣流所支配，本港於隨後七天轉為普遍晴朗及乾燥。天文台的相對濕度於二月十二日及十三日下降至百分之四十以下。一股海洋氣流於二月十五日影響廣東沿岸，潮濕的氣團引致低雲及有霧天氣於下半月期間在沿岸地區徘徊。

二月十八日至二十日農曆新年期間，一股清勁至強風程度的偏東氣流為本港帶來風勢頗大及有幾陣微雨的天氣。受一道低壓槽相關的雨帶影響，本港雨勢於二月二十一日至二十三日較為顯著。二月二十六日雲層及霧開始消散，本港天氣轉為和暖及有陽光，天文台的氣溫上升至最高的 23.7 度，為本月最高氣溫。翌日東風再度增強，並於月底期間為本港帶來風勢頗大及較涼的天氣。

本月有一個熱帶氣旋影響南海及北太平洋西部。

本月沒有航機因惡劣天氣須轉飛其他地方。表 1.1 載列本月發出及取消各種警告/信號的詳情。

1. The Weather of February 2015

February 2015 was a month of two halves : mostly fine and dry in the first half, and generally cloudy and humid in the second half. Overall, it was warmer than usual with a monthly mean temperature of 17.5 degrees compared to the normal figure of 16.8 degrees. The monthly rainfall was 32.0 millimetres, less than 60 percent of the normal figure of 54.4 millimetres. The accumulated rainfall of 73.7 millimetres in the first two months of the year was about 7 percent below the normal figure of 78.9 millimetres for the same period.

Under the influence of the northeast monsoon, the weather in Hong Kong was cool and cloudy with light rain patches on the first day of the month. Apart from some haze, it turned mainly fine in the next couple of days. A replenishment of the northeast monsoon reached the coast of Guangdong and brought generally cloudy condition to the territory on 4 February. Local weather became cold with light rain patches over the next two days, with temperatures at the Hong Kong Observatory falling to a minimum of 11.0 degrees on the morning of 6 February, the lowest of the month.

With the moderation of the winter monsoon, local temperatures rose by a couple of degrees on 7 February along with the return of sunny periods and some haze. Dominated by a dry continental air mass, the weather became generally fine and dry for the ensuing seven days. Relative humidity at the Hong Kong Observatory fell below 40 percent on 12 and 13 February. A maritime airstream set in over the coast of Guangdong on 15 February and the proximity of a moist air mass led to the formation of low clouds and fog patches that lingered over the coastal areas in the latter half of the month.

A fresh to strong easterly airstream brought windy weather with light rain patches on 18-20 February as the city celebrated the Chinese New Year. Rain got heavier on 21-23 February as rainbands associated with a trough of low pressure affected the territory. A warm day on 26 February finally allowed some sunshine to break through the clouds and fog. Temperatures at the Hong Kong Observatory rose to a maximum of 23.7 degrees that day, the highest of the month. Easterly winds strengthened again the next day and brought windy and cooler weather to the territory towards the end of the month.

One tropical cyclone occurred over the South China Sea and the western North Pacific in the month.

During the month, no aircraft was diverted due to adverse weather. Details of the issuance and cancellation of various warnings/signals in the month are summarized in Table 1.1.

表 1.1 二零一五年二月發出的警告及信號

Table 1.1 Warnings and Signals issued in February 2015

強烈季候風信號

Strong Monsoon Signal

開始時間 Beginning Time		終結時間 Ending Time	
日/月 day/month	時 hour	日/月 day/month	時 hour
19/2	0630	20/2	1345
27/2	0845	27/2	1500
28/2	0445	28/2	1345

火災危險警告

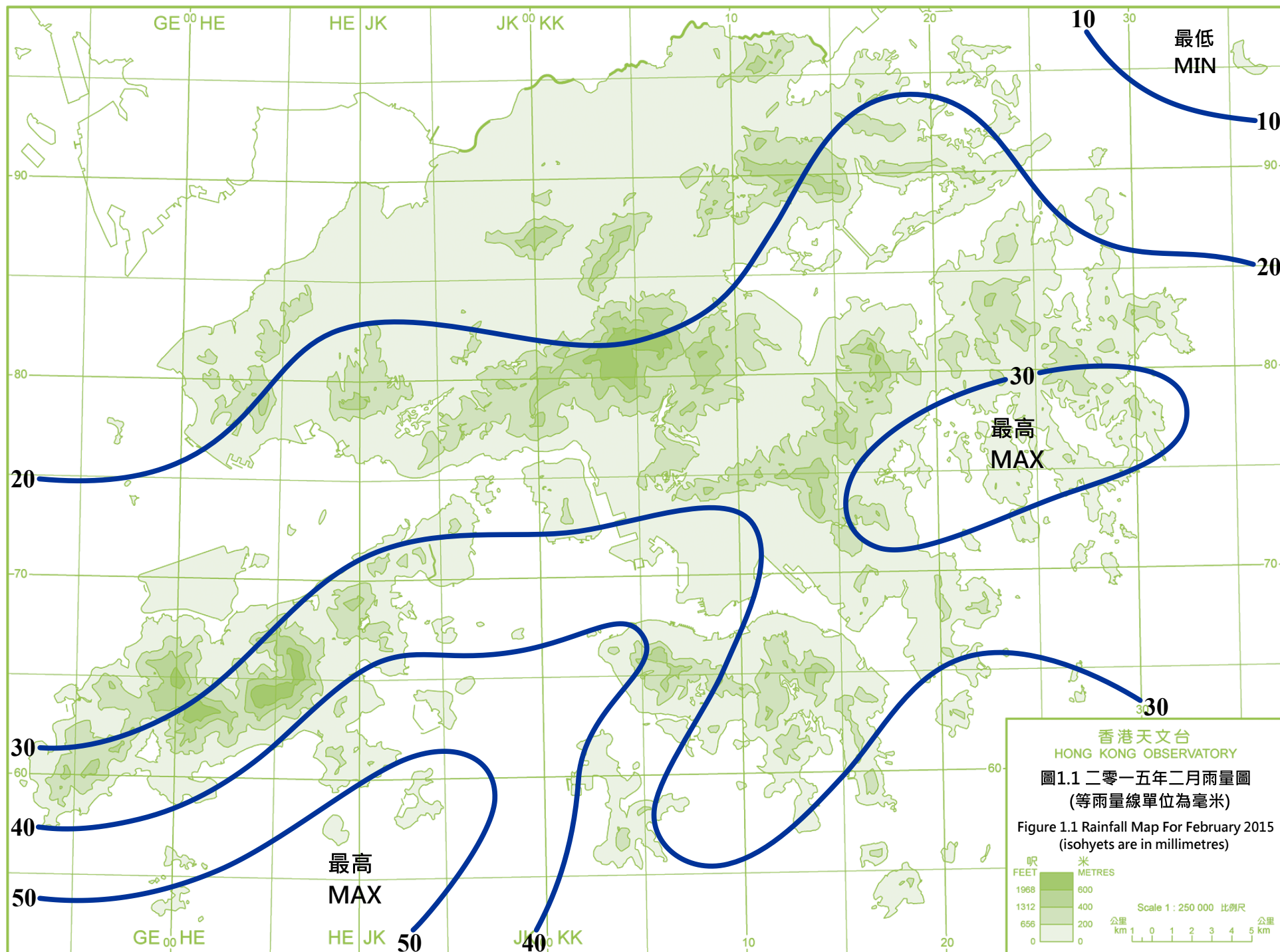
Fire Danger Warnings

顏色 Colour	開始時間 Beginning Time		終結時間 Ending Time	
	日/月 day/month	時 hour	日/月 day/month	時 hour
黃色 Yellow	1/2	1145	1/2	2045
黃色 Yellow	5/2	0600	6/2	1200
紅色 Red	8/2	0600	8/2	2345
黃色 Yellow	9/2	0600	9/2	1900
黃色 Yellow	10/2	0600	10/2	2130
黃色 Yellow	12/2	0600	13/2	0600
紅色 Red	13/2	0600	14/2	0600
黃色 Yellow	14/2	0600	14/2	2045
黃色 Yellow	19/2	1200	19/2	1700

寒冷天氣警告

Cold Weather Warning

開始時間 Beginning Time		終結時間 Ending Time	
日/月 day/month	時 hour	日/月 day/month	時 hour
4/2	1620	7/2	0745



2.1 二零一五年二月的熱帶氣旋概述

二零一五年二月在北太平洋西部出現了一個熱帶氣旋，名叫海高斯。

熱帶低氣壓海高斯於二月七日晚上在關島以東約1 420公里的北太平洋西部上形成，初時移動緩慢，翌日早上發展為熱帶風暴。隨後兩天海高斯大致向西北方向移動及繼續增強，於二月十日下午發展為超強颱風，並達到其最高強度，中心附近最高持續風速估計為每小時185公里。隨後海高斯迅速減弱，最後於二月十一日下午在北太平洋西部上消散。



2.1 Overview of Tropical Cyclones in February 2015

One tropical cyclone, named Higos, occurred over the western North Pacific in February 2015.

Higos formed as a tropical depression over the western North Pacific about 1 420 km east of Guam on the night of 7 February. It moved slowly at first and developed into a tropical storm the next morning. Higos moved generally northwestwards and continued to intensify in the next two days. It developed into a super typhoon on the afternoon of 10 February, reaching peak intensity with an estimated sustained winds of 185 km/h near its centre. Higos weakened rapidly thereafter and dissipated over the western North Pacific on the afternoon of 11 February.

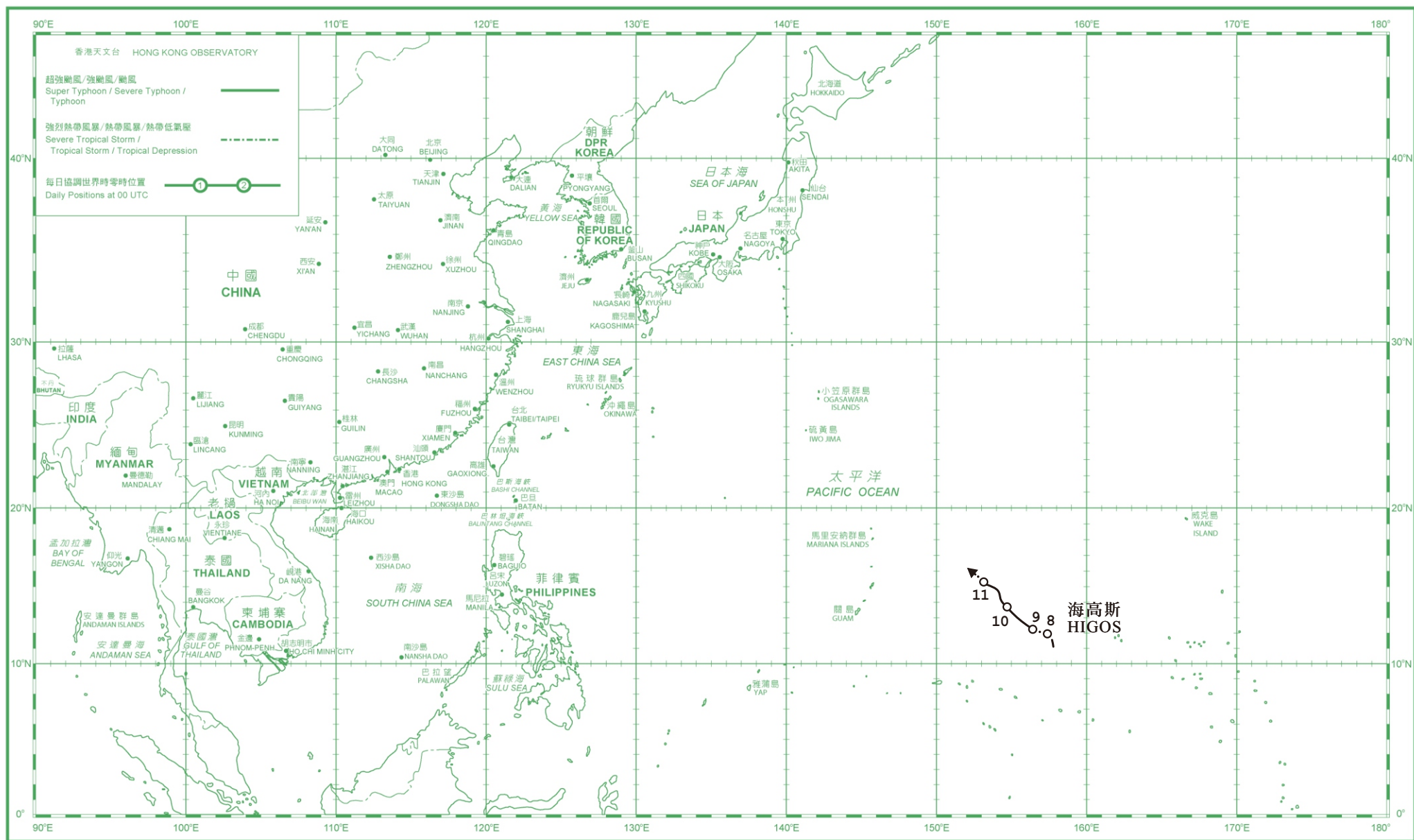
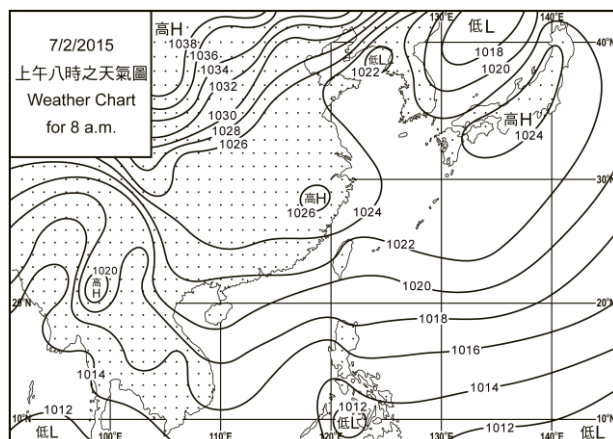
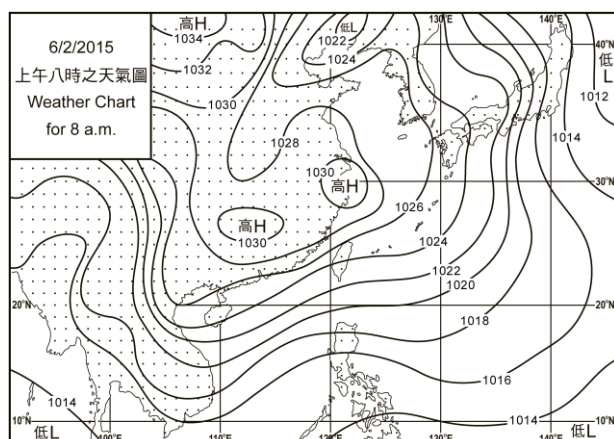
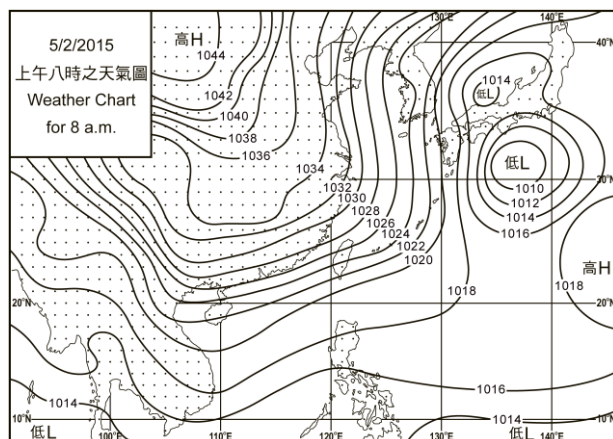
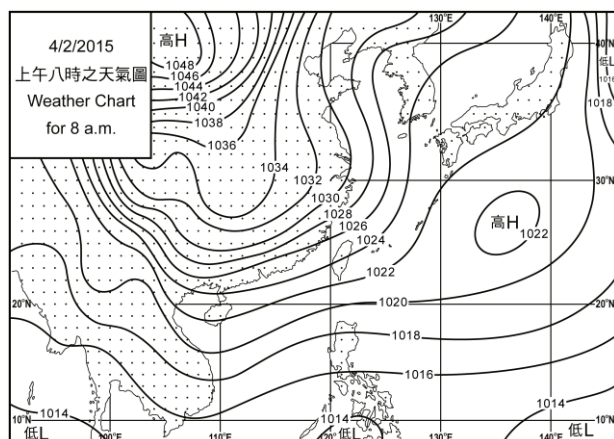
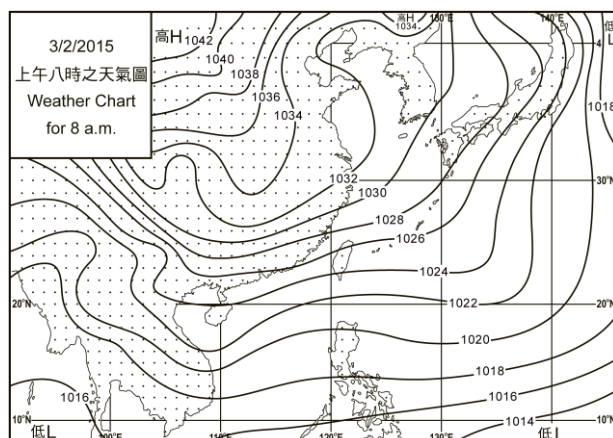
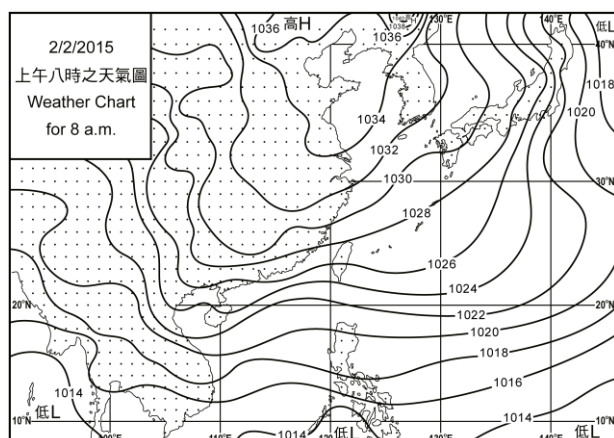
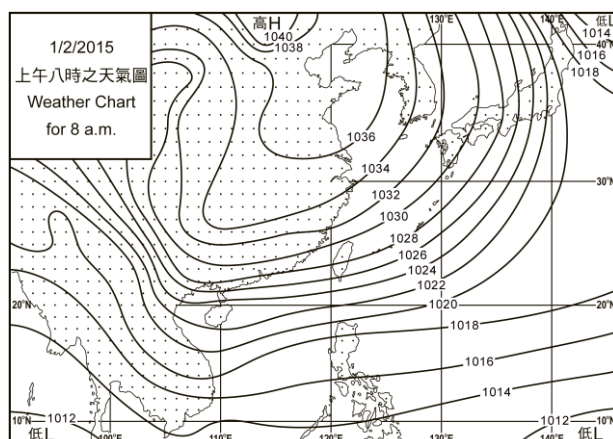
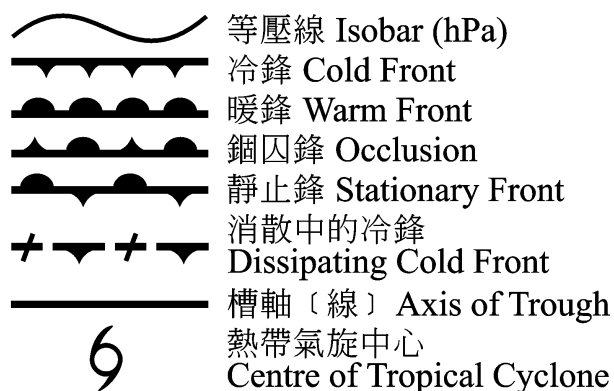
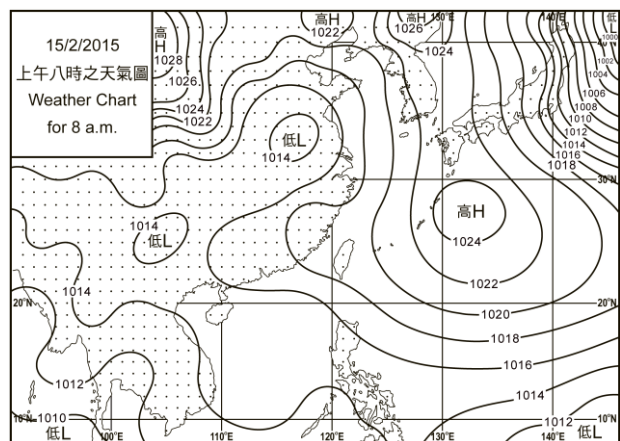
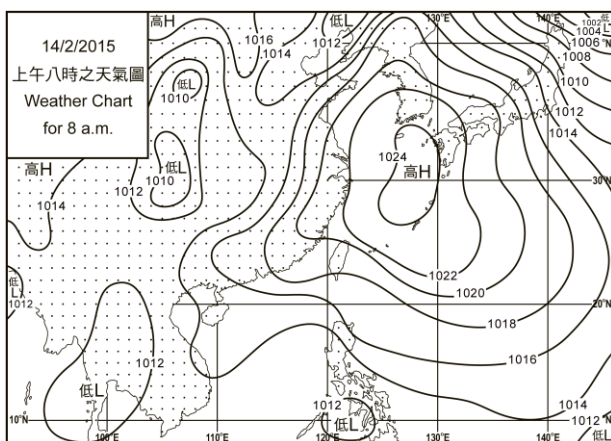
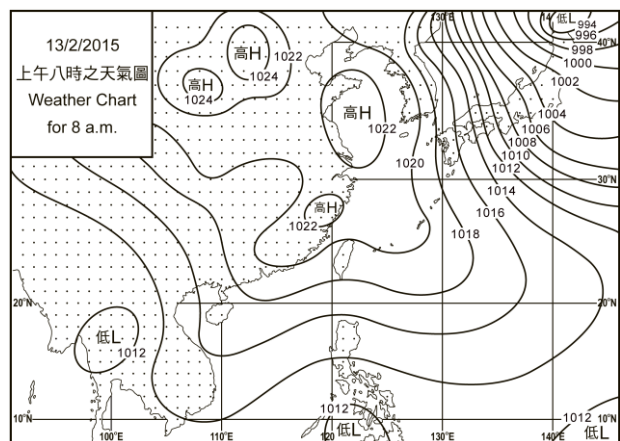
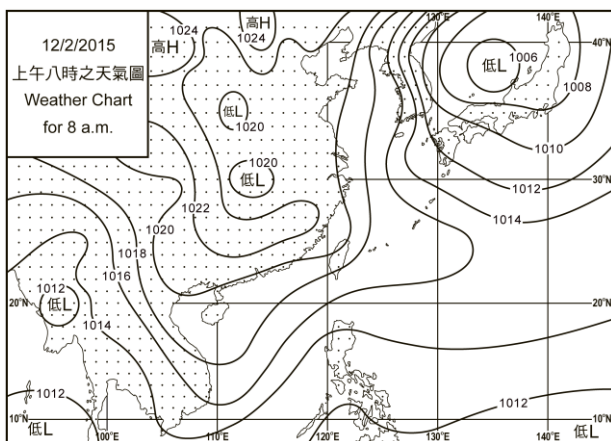
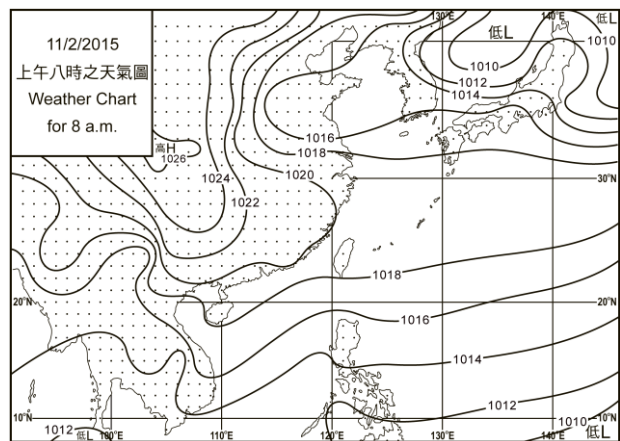
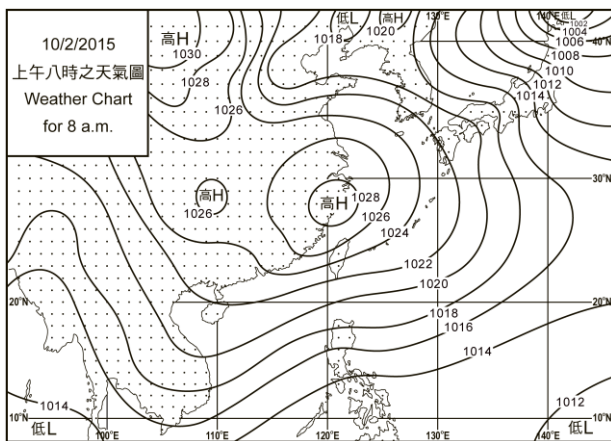
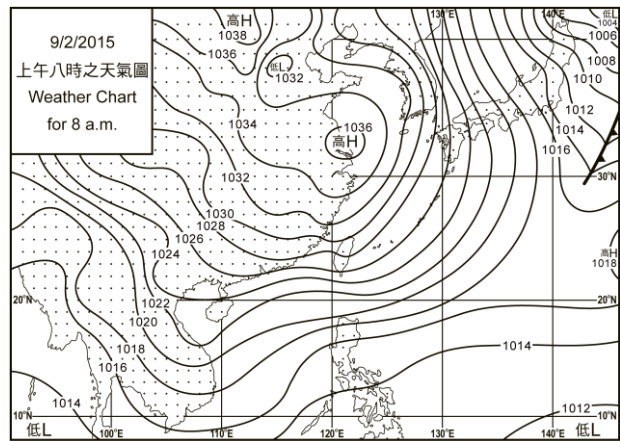
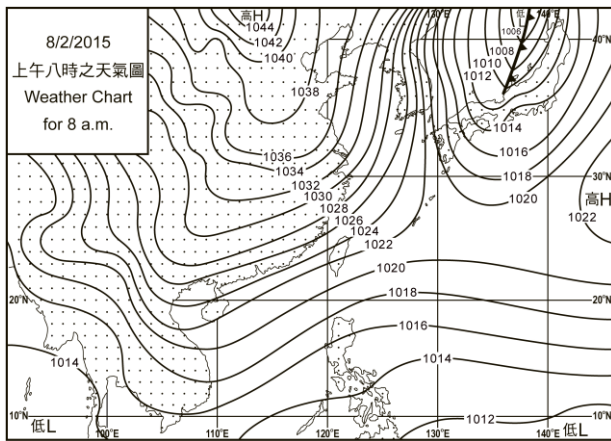


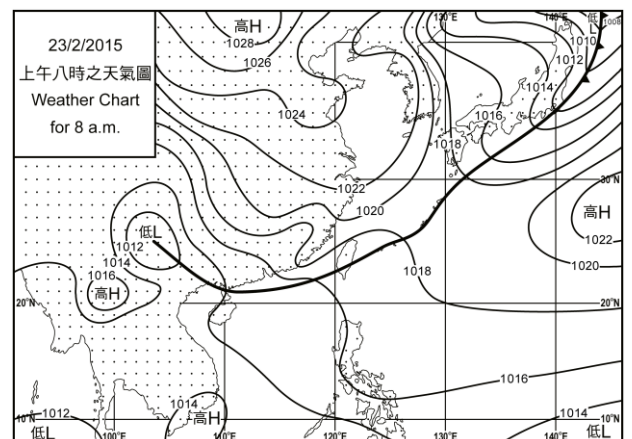
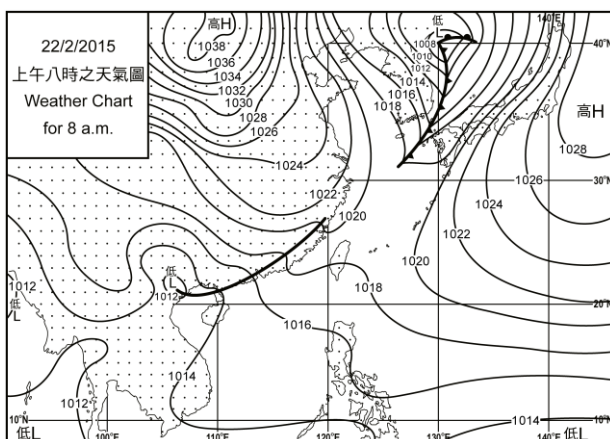
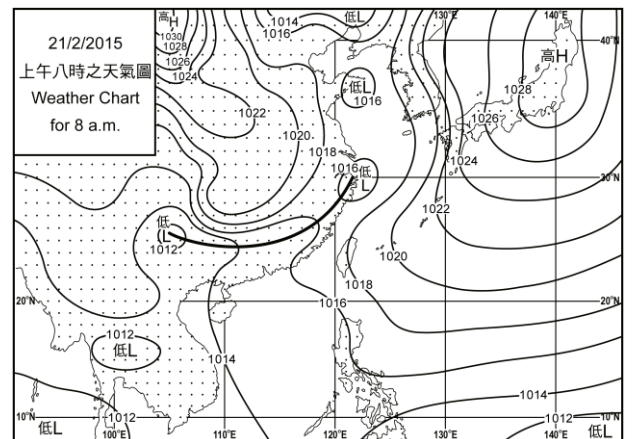
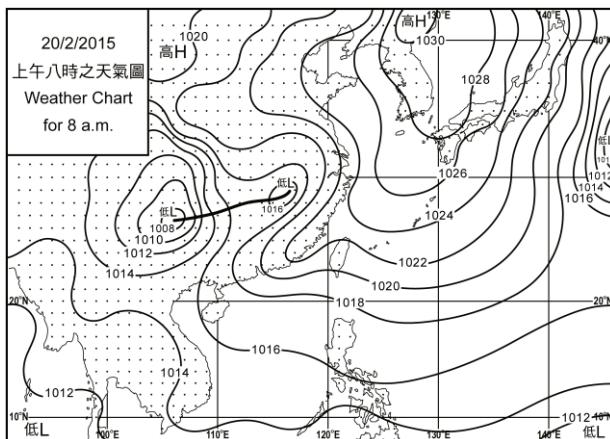
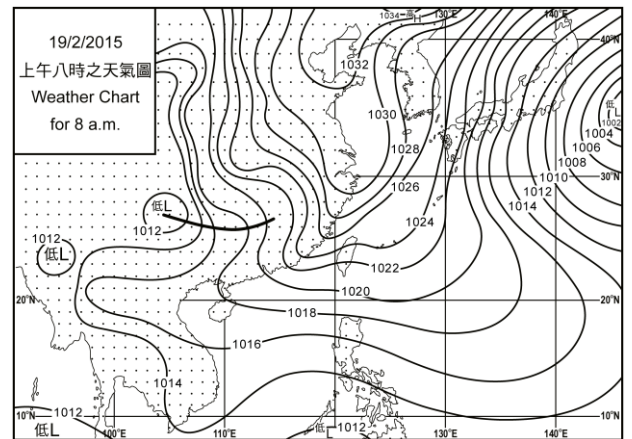
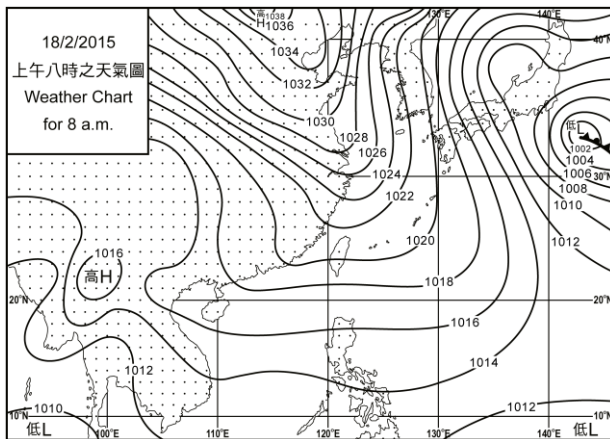
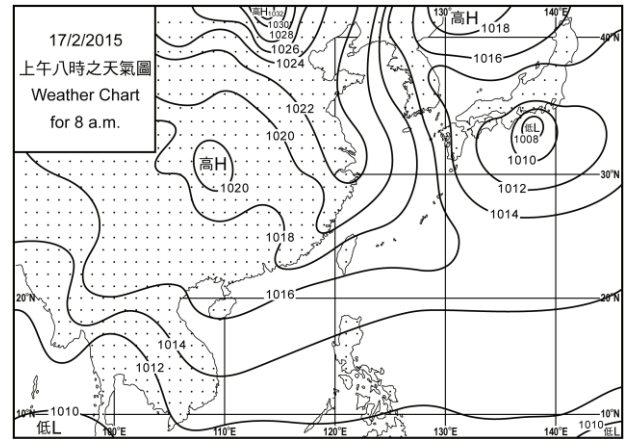
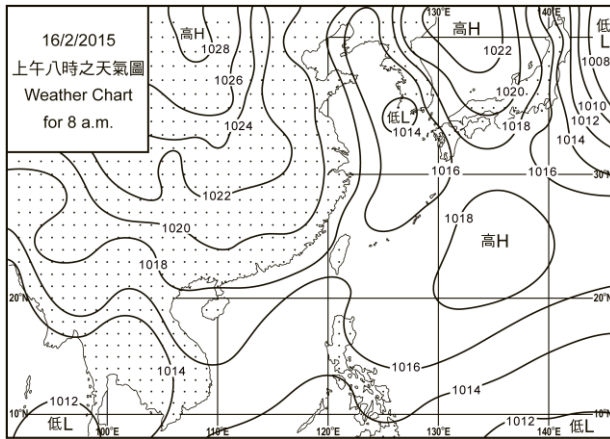
圖 2.1.1 二零一五年二月的熱帶氣旋路徑圖

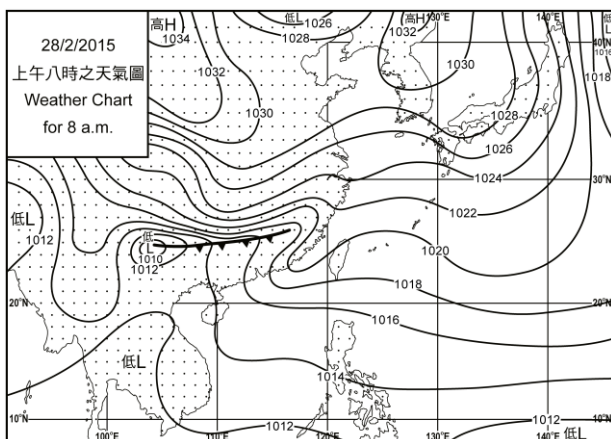
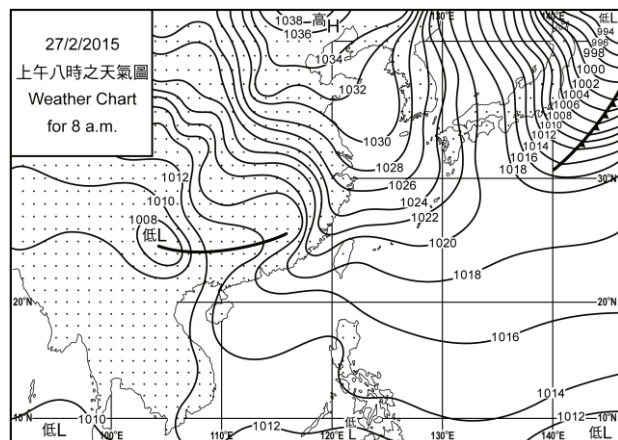
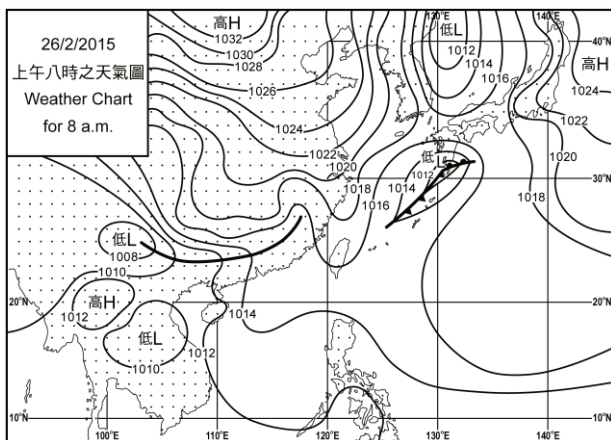
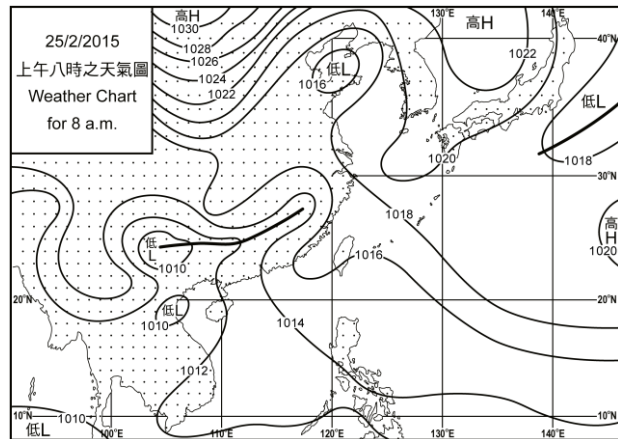
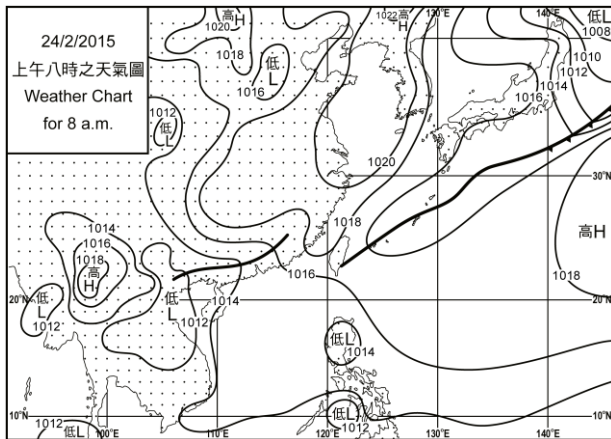
Figure 2.1.1 Track of tropical cyclones in February 2015

3. 二零一五年二月每日天氣圖 3. Daily Weather Maps for February 2015









4.1.1 二零一五年二月香港氣象觀測摘錄(一)

4.1.1 Extract of Meteorological Observations in Hong Kong (Part 1), February 2015

日期 Date	平均氣壓 Mean Pressure	氣 溫 Air Temperature			平均 露點溫度 Mean Dew Point Temperature	平均 相對濕度 Mean Relative Humidity	平均雲量 Mean Amount of Cloud	總雨量 Total Rainfall
		最高 Maximum	平均 Mean	最低 Minimum				
二 月 February	百帕斯卡 hPa	°C	°C	°C	°C	%	%	毫米 mm
1	1026.3	17.2	15.3	14.2	11.3	78	83	Tr
2	1025.4	19.1	16.3	14.7	12.2	77	53	-
3	1024.6	19.8	17.1	15.5	13.6	80	58	-
4	1023.5	17.9	16.2	14.2	12.6	80	80	-
5	1024.9	16.5	14.0	12.5	6.9	62	84	Tr
6	1024.5	15.7	13.4	11.0	8.0	70	88	0.3
7	1021.7	18.4	16.0	14.4	10.9	72	81	-
8	1023.2	19.5	16.2	13.9	5.9	51	67	-
9	1025.2	17.2	14.9	13.7	9.1	68	34	-
10	1022.2	17.1	14.5	12.8	9.1	70	26	-
11	1018.7	18.0	16.0	13.6	10.4	70	67	-
12	1018.2	21.4	17.3	14.6	8.8	59	49	-
13	1018.3	21.5	17.5	14.4	7.4	53	49	-
14	1016.9	20.5	18.5	16.8	8.7	53	62	-
15	1016.2	19.8	18.9	18.1	16.3	85	88	3.3
16	1016.5	21.6	19.7	17.8	17.9	90	68	-
17	1016.7	21.6	19.2	18.2	16.7	86	79	Tr
18	1019.1	19.4	18.1	17.1	14.4	79	86	Tr
19	1020.3	17.9	17.2	16.4	13.3	78	88	Tr
20	1018.3	19.1	17.5	15.9	14.8	84	88	Tr
21	1015.5	21.0	19.3	17.6	17.6	90	86	0.2
22	1016.1	22.0	20.3	18.9	19.2	93	90	15.6
23	1015.5	19.1	18.6	17.9	17.7	95	93	10.2
24	1014.8	19.6	18.6	17.8	17.7	94	88	Tr
25	1014.1	20.5	19.6	18.9	18.8	95	88	0.8
26	1014.2	23.8	21.4	19.5	19.8	91	71	-
27	1015.8	21.5	19.4	17.9	18.3	94	87	1.2
28	1017.3	19.5	18.3	17.2	16.7	90	89	0.4
平均/總值 Mean/Total	1019.4	19.5	17.5	15.9	13.4	78	74	32.0
正常* Normal*	1018.5	18.9	16.8	15.0	13.0	80	74	54.4
觀測站 Station	天文台 Hong Kong Observatory							

天文台於二月二十五日 15 時 52 分錄得本月最低氣壓 1012.4 百帕斯卡。

The minimum pressure recorded at the Hong Kong Observatory was 1012.4 hectopascals at 1552 HKT on 25 February.

天文台於二月二十六日 16 時 36 分錄得本月最高氣溫 23.8 °C。

The maximum air temperature recorded at the Hong Kong Observatory was 23.8 °C at 1636 HKT on 26 February.

天文台於二月六日 4 時 57 分錄得本月最低氣溫 11.0 °C。

The minimum air temperature recorded at the Hong Kong Observatory was 11.0 °C at 0457 HKT on 6 February.

天文台於二月二十三日 6 時 20 分錄得本月最高瞬時降雨率 178 毫米/小時。

The maximum instantaneous rate of rainfall recorded at the Hong Kong Observatory was 178 millimetres per hour at 0620 HKT on 23 February.

* 1981-2010 氣候平均值 (除特別列明外) (<http://www.hko.gov.hk/wxinfo/climat/normal/cnormal02.htm>)

* 1981-2010 Climatological normal, unless otherwise specified (<http://www.hko.gov.hk/wxinfo/climat/normal/enormal02.htm>)

Tr - 微量 (降雨量少於 0.05 毫米)

Tr - Trace of rainfall (amount less than 0.05 mm)

4.1.2 二零一五年二月香港氣象觀測摘錄(二)

4.1.2 Extract of Meteorological Observations in Hong Kong (Part 2), February 2015

日期 Date	出現低能見度的時數# Number of hours of Reduced Visibility#	總日照 Total Bright Sunshine	每日太陽總輻射 Daily Global Solar Radiation	總蒸發量 Total Evaporation	盛行風向 Prevailing Wind Direction	平均風速 Mean Wind Speed
二月 February	小時 hours	小時 hours	兆焦耳/米 ² MJ/m ²	毫米 mm	度 degrees	公里/小時 km/h
1	22	0.7	6.85	1.9	060	31.5
2	14	8.6	17.33	3.0	060	29.1
3	9	8.8	17.52	2.8	050	23.3
4	17	0.3	3.84	2.5	070	19.0
5	2	3.0	10.16	3.1	020	29.0
6	18	1.4	7.63	1.7	050	21.9
7	22	3.5	12.82	3.1	070	19.9
8	8	8.9	17.34	4.3	020	27.8
9	23	9.2	16.96	3.2	070	32.0
10	2	9.1	16.55	3.0	070	23.3
11	10	4.5	12.51	2.8	050	10.7
12	16	9.7	18.13	4.3	050	12.8
13	0	10.3	19.49	4.9	050	20.8
14	0	4.9	13.69	2.5	050	27.4
15	1	-	3.48	0.4	030	16.3
16	6	1.6	8.24	1.1	040	4.4
17	6	4.2	11.57	2.6	040	13.5
18	13	1.4	8.18	2.7	050	29.0
19	7	0.3	7.76	2.5	070	39.6
20	1	0.3	9.65	1.8	050	31.7
21	1	-	6.58	0.2	030	13.4
22	1	0.2	5.71	2.7	040	13.7
23	2	0.4	8.05	1.4	040	21.4
24	3	0.2	8.10	1.9	040	19.8
25	3	0.4	7.45	1.2	030	18.8
26	1	5.4	13.13	2.4	040	13.1
27	1	-	3.13	0.2	090	32.7
28	0	0.2	8.30	2.2	050	27.2
平均/總值 Mean/Total	209	97.5	10.72	66.4	040	22.2
正常* Normal*	134.7 §	94.2	9.39	59.9	070	24.5
觀測站 Station	香港國際機場 Hong Kong International Airport	京士柏 King's Park		橫瀾島^ Waglan Island^		

橫瀾島於二月十九日 8 時 24 分錄得本月最高陣風 58 公里/小時，風向 080 度。

The maximum gust peak speed recorded at Waglan Island was 58 kilometres per hour from 080 degrees at 0824 HKT on 19 February.

低能見度是指能見度低於 8 公里，不包括出現霧、薄霧或降水。

- 在2004年及以前，香港國際機場的能見度讀數是基於專業氣象觀測員每小時的觀測數據。在2005年及以後，讀數是採用位於機場南跑道中間的能見度儀表在每小時前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。
- 在2007年10月10日前曾出現於此摘錄內香港國際機場2005年及以後的低能見度時數資料乃基於專業氣象觀測員每小時的觀測數據。有關資料已於2007年10月10日起改為以機場南跑道中間之能見度儀表在每小時前10分鐘的平均數據計算。

Reduced visibility refers to visibility below 8 kilometres when there is no fog, mist, or precipitation.

- The visibility readings at the Hong Kong International Airport are based on hourly observations by professional meteorological observers in 2004 and before, and average readings over the 10-minute period before the clock hour of the visibility meter near the middle of the south runway from 2005 onwards. The change of the data source in 2005 is an improvement of the visibility assessment using instrumented observations following the international trend.
- Before 10 October 2007, the number of hours of reduced visibility at the Hong Kong International Airport in 2005 and thereafter displayed in this summary was based on hourly visibility observations by professional meteorological observers. Since 10 October 2007, the data have been revised using the average visibility readings over the 10-minute period before the clock hour, as recorded by the visibility meter near the middle of the south runway.

^ 如橫瀾島未能提供數據，則以長洲或其他鄰近氣象站的數據作補充，以計算盛行風向和平均風速。

^ In case the data are not available from Waglan Island, observations of Cheung Chau or other nearby weather stations will be incorporated in computing the Prevailing Wind Direction and Mean Wind Speed.

* 1981-2010 氣候平均值 (除特別列明外) (<http://www.hko.gov.hk/wxinfo/climat/normal/cnormal02.htm>)

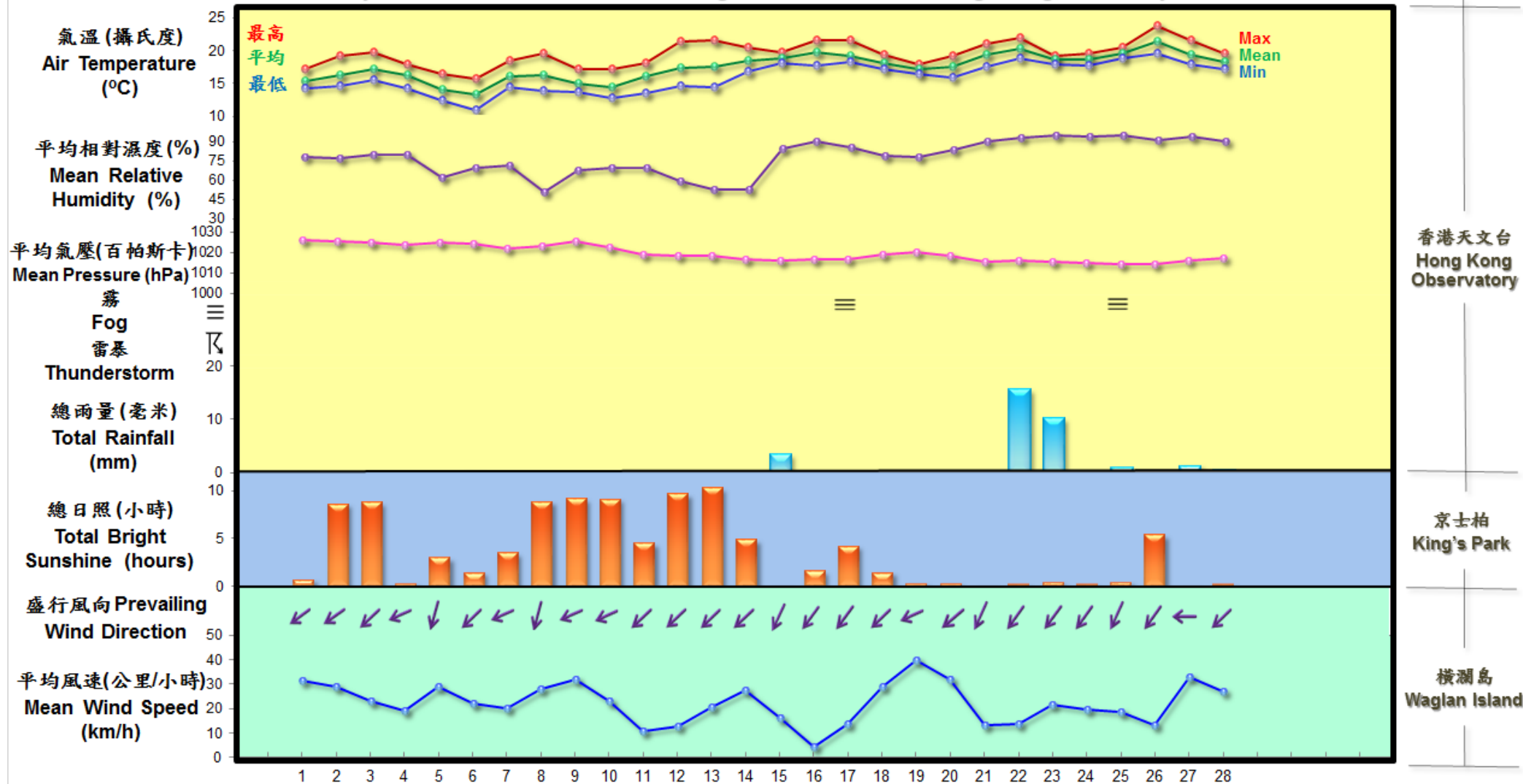
* 1981-2010 Climatological normal, unless otherwise specified (<http://www.hko.gov.hk/wxinfo/climat/normal/enormal02.htm>)

§ 1997-2014 平均值

§ 1997-2014 Mean value

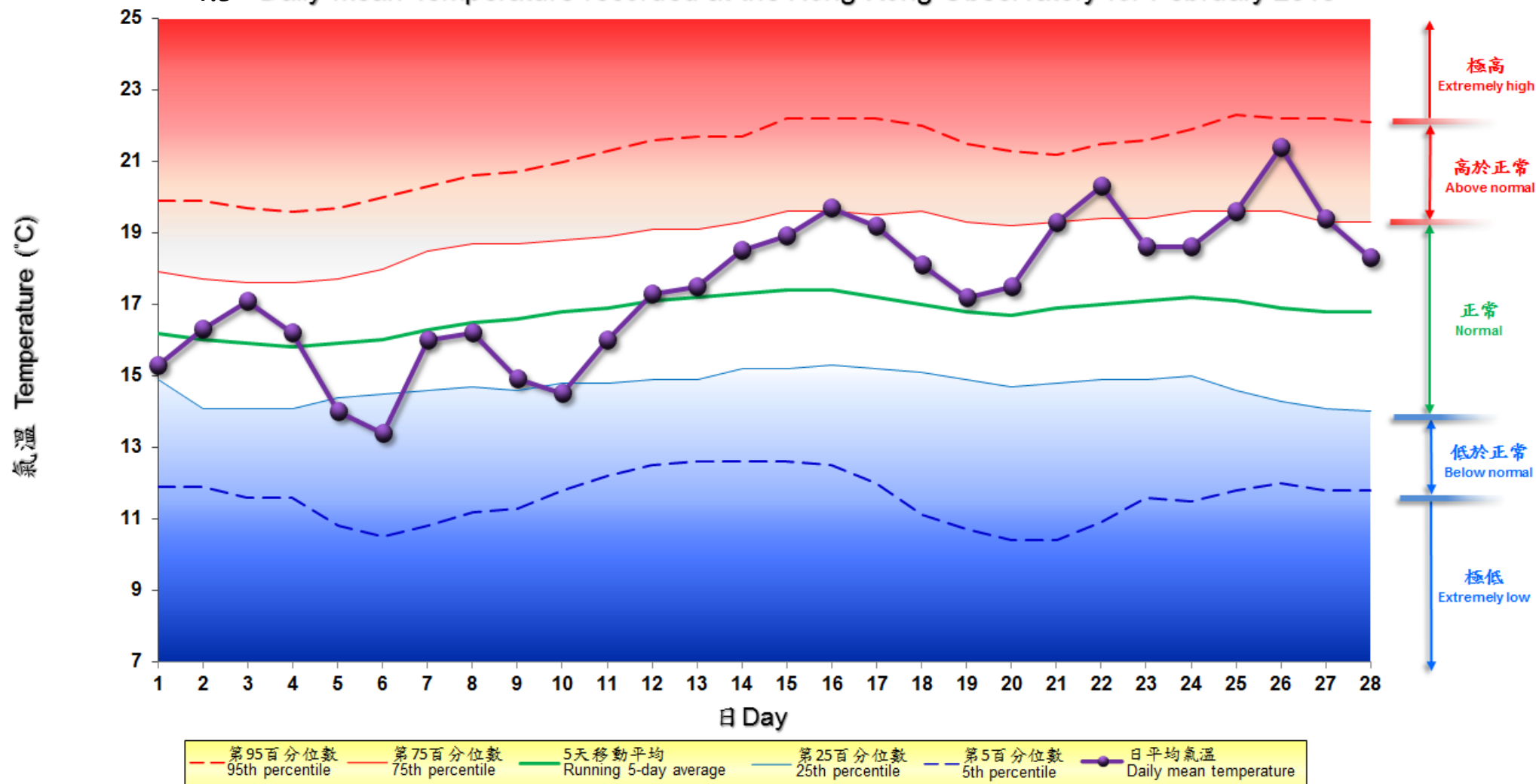
4.2 2015年2月部分香港氣象要素的每日記錄

4.2 Daily Values of Selected Meteorological Elements for Hong Kong, February 2015



4.3 2015年2月香港天文台錄得的日平均氣溫

4.3 Daily Mean Temperature recorded at the Hong Kong Observatory for February 2015



備註:

極高: 高於第 95 百分位數

高於正常: 介乎第 75 和第 95 百分位數之間

正常: 介乎第 25 和第 75 百分位數之間

低於正常: 介乎第 5 和第 25 百分位數之間

極低: 低於第 5 百分位數

百分位數值及 5 天移動平均值是基於 1981 至 2010 年的數據計算所得

Remarks:

Extremely high: above 95th percentile

Above normal: between 75th and 95th percentile

Normal: between 25th and 75th percentile

Below normal: between 5th and 25th percentile

Extremely low: below 5th percentile

Percentile and 5-day running average values are computed based on the data from 1981 to 2010