

# Appendix G

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Construction Dust Monitoring

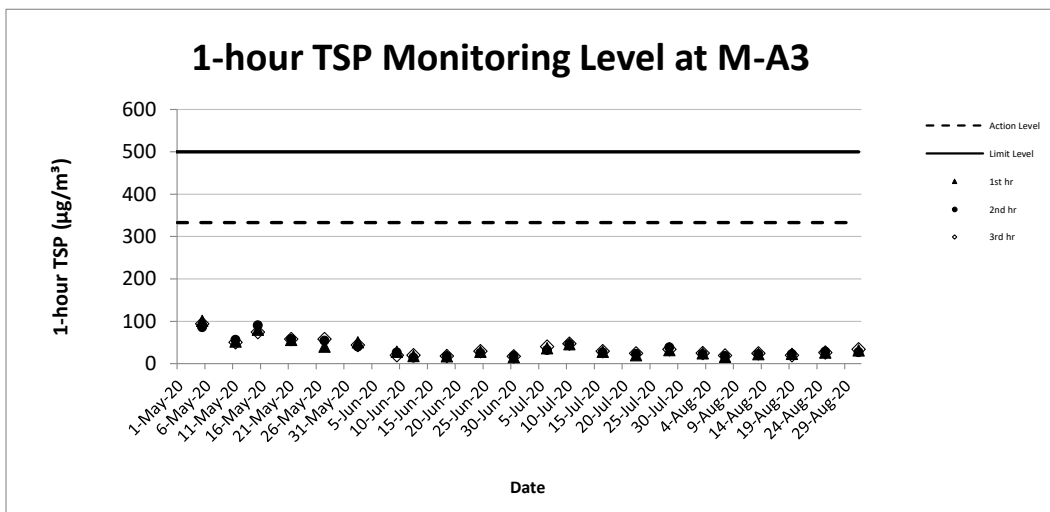
Results and Meteorological

Observations

# 1-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

## M-A3 - SKH Tsoi Kung Po Secondary School

1-hour TSP ( $\mu\text{g}/\text{m}^3$ )								
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
3-Aug-20	09:16	24	22	25	24	333	500	Cloudy
7-Aug-20	14:28	16	18	19	18			Cloudy
13-Aug-20	13:15	22	22	24	23			Fine
19-Aug-20	14:00	23	22	20	22			Cloudy
25-Aug-20	09:00	26	28	26	27			Fine
31-Aug-20	10:34	31	27	34	31			Fine
<b>Average</b>		24						
<b>Max</b>		34						
<b>Min</b>		16						



**24-hour TSP Monitoring Result for  
Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel**

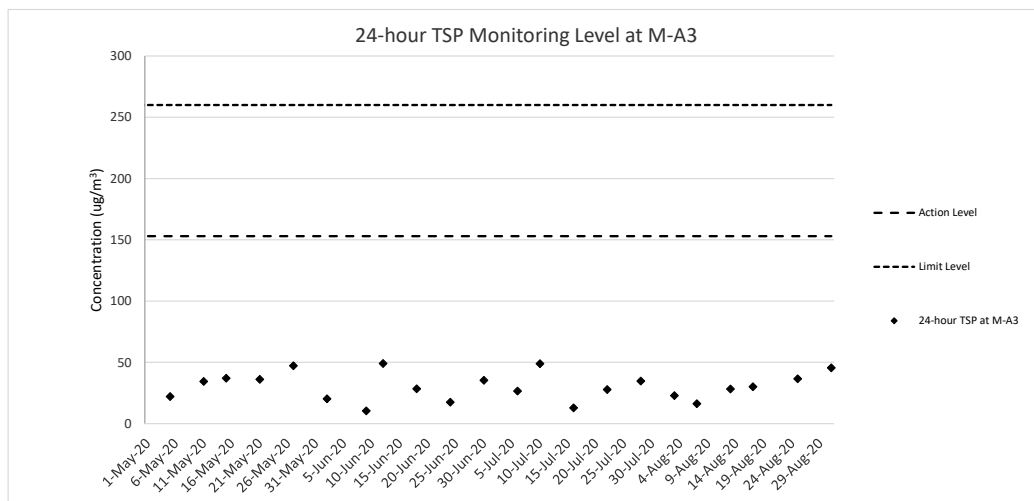
**M-A3 - SKH Tsoi Kung Po Secondary School**

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min.)		Average flow (m <sup>3</sup> /min)	Total volume (m <sup>3</sup> )	Conc. (ug/m <sup>3</sup> )	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )
				Initial	Final			Initial	Final					
3-Aug-20	Cloudy	299.5	752.7	2.7097	2.7646	0.0549	24	1.65	1.66	1.66	2385.1	23	153	260
7-Aug-20	Cloudy	303.1	756.1	2.7020	2.7389	0.0369	24	1.64	1.49	1.57	2254.1	16		
13-Aug-20	Fine	301.1	758.3	2.7017	2.7508	0.0491	24	1.13	1.28	1.20	1734.3	28		
17-Aug-20	Cloudy	301.2	756.4	2.7283	2.7929	0.0646	24	1.48	1.49	1.48	2133.8	30		
25-Aug-20	Fine	303.6	752.8	2.7125	2.7903	0.0778	24	1.46	1.49	1.48	2125.9	37		
31-Aug-20	Fine	302.8	754.7	2.7095	2.8067	0.0972	24	1.47	1.49	1.48	2129.1	46		
												Min	16	
												Max	46	
												Average	30	

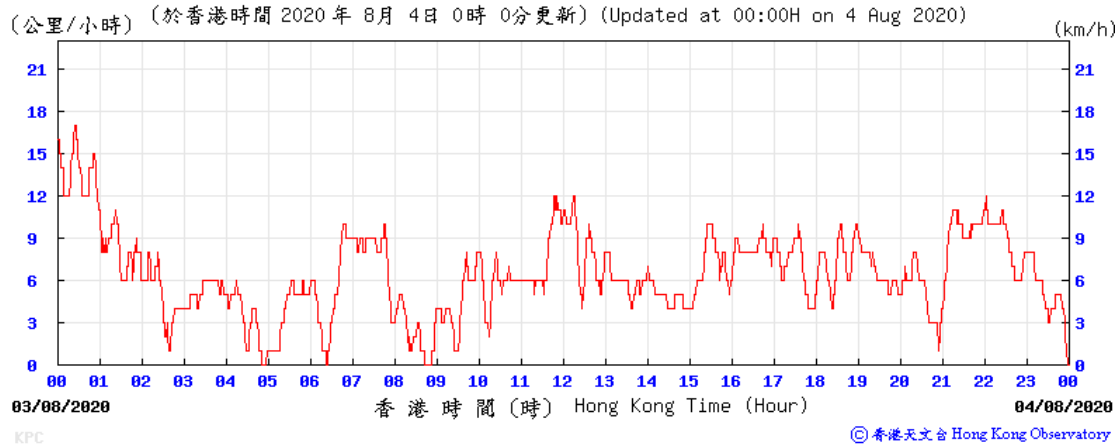
Note:

Underline: Exceedance of Action Level

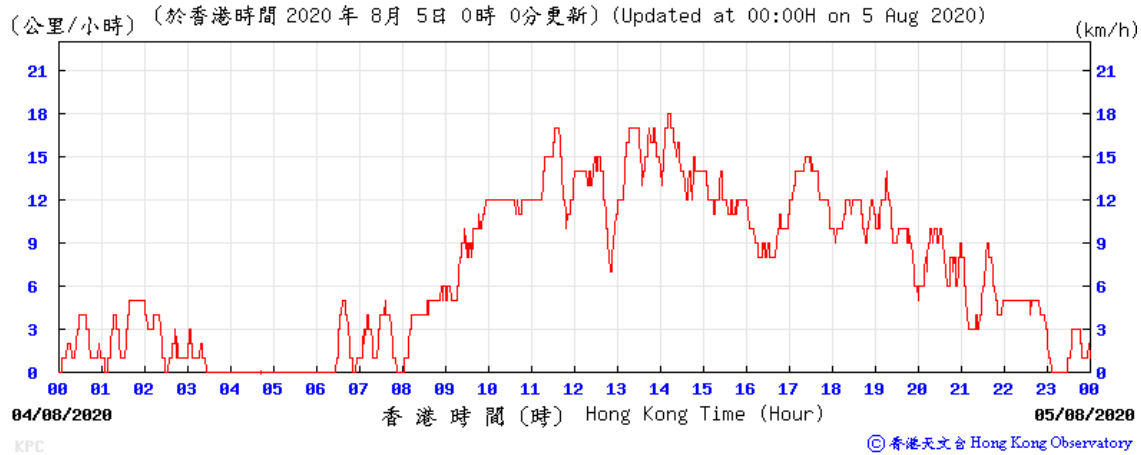
Underline and Bold: Exceedance of Limit Level



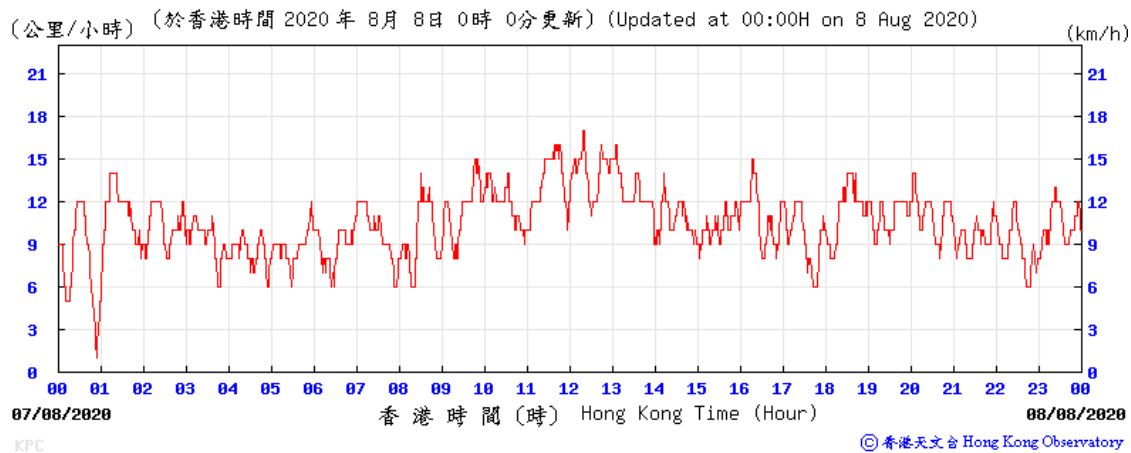
## Wind Speed recorded at King's Park Meteorological Station on 3 August 2020



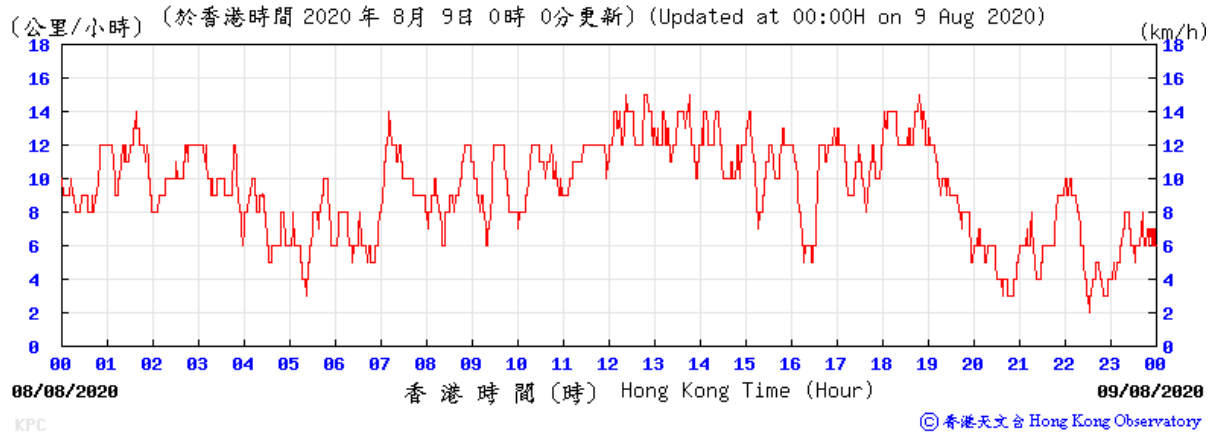
## Wind Speed recorded at King's Park Meteorological Station on 4 August 2020



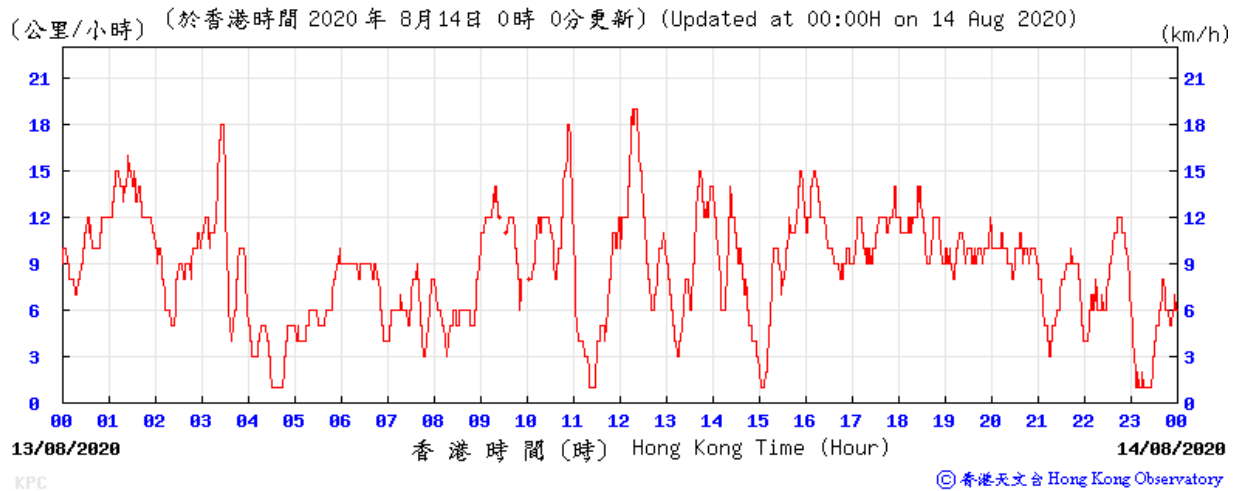
## Wind Speed recorded at King's Park Meteorological Station on 7 August 2020



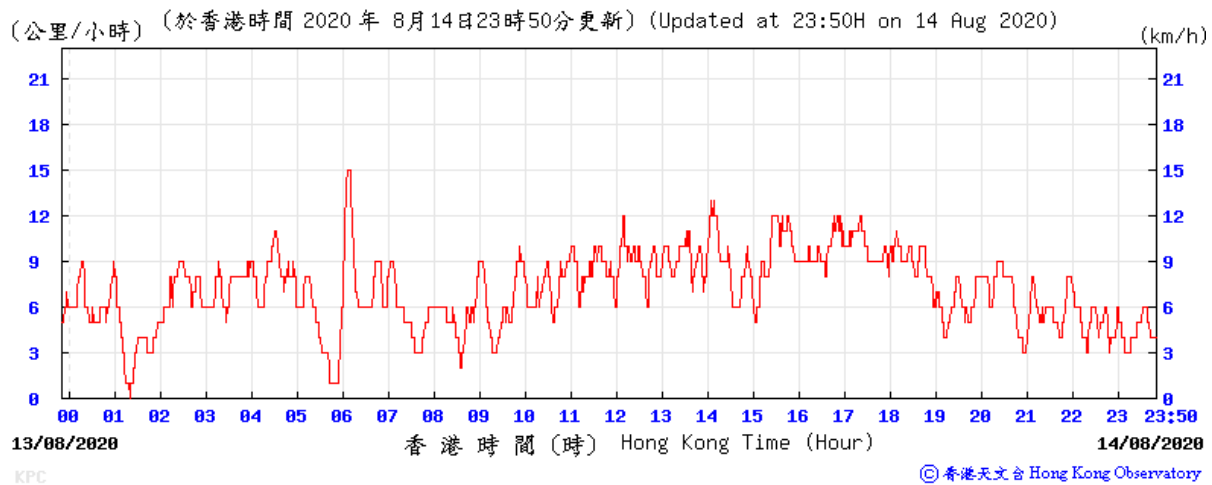
## Wind Speed recorded at King's Park Meteorological Station on 8 August 2020



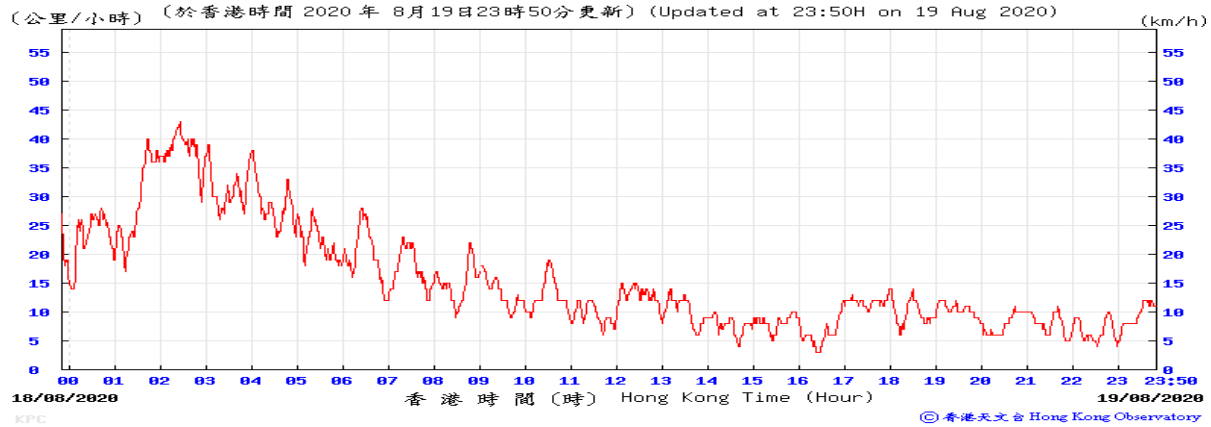
## Wind Speed recorded at King's Park Meteorological Station on 13 August 2020



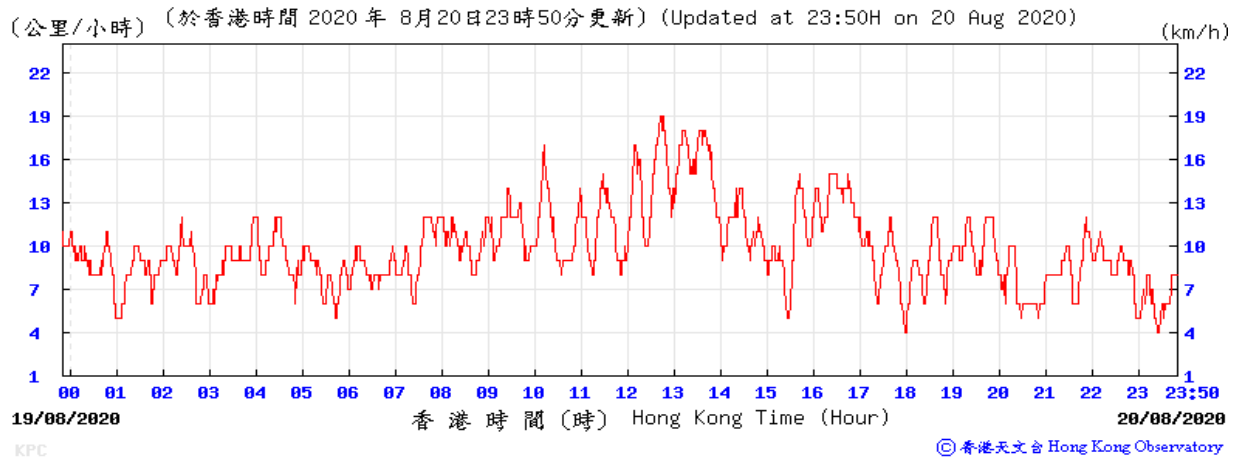
## Wind Speed recorded at King's Park Meteorological Station on 14 August 2020



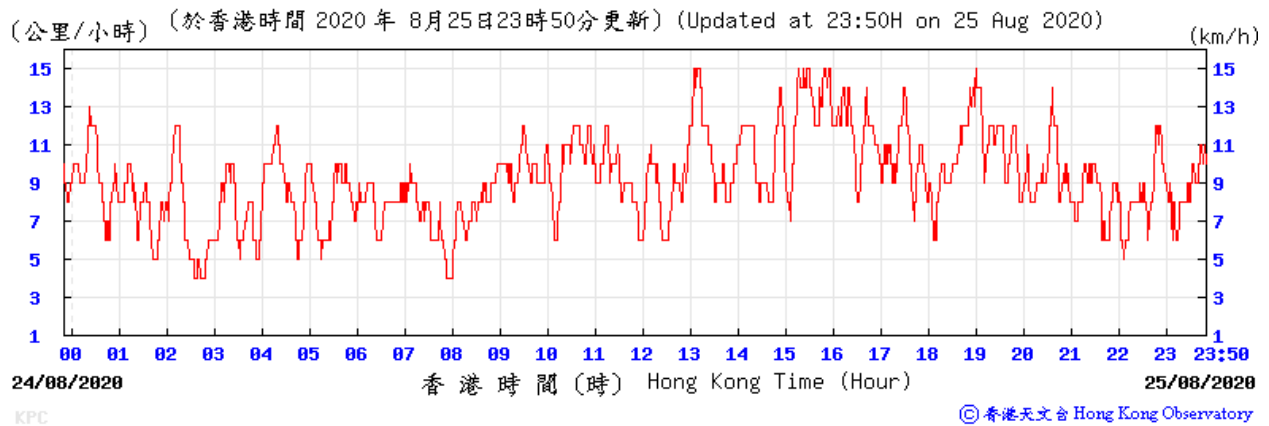
## Wind Speed recorded at King's Park Meteorological Station on 19 August 2020



## Wind Speed recorded at King's Park Meteorological Station on 20 August 2020

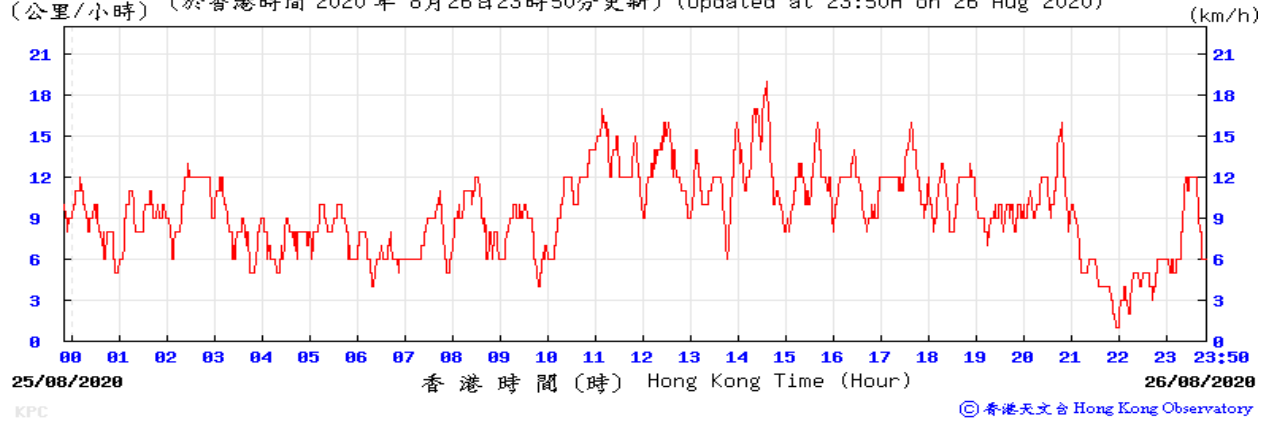


## Wind Speed recorded at King's Park Meteorological Station on 25 August 2020



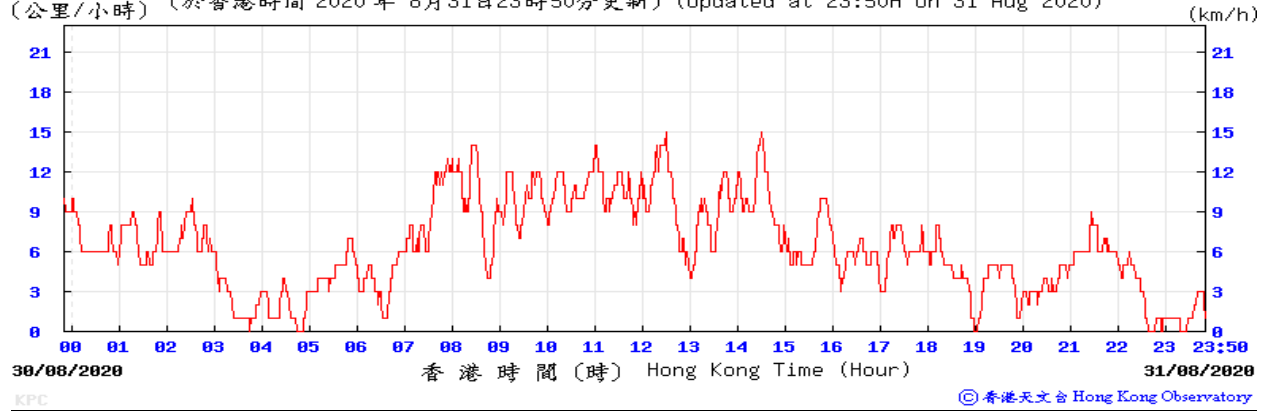
## Wind Speed recorded at King's Park Meteorological Station on 26 August 2020

(公里/小時) (於香港時間 2020 年 8月26日23時50分更新) (Updated at 23:50H on 26 Aug 2020)



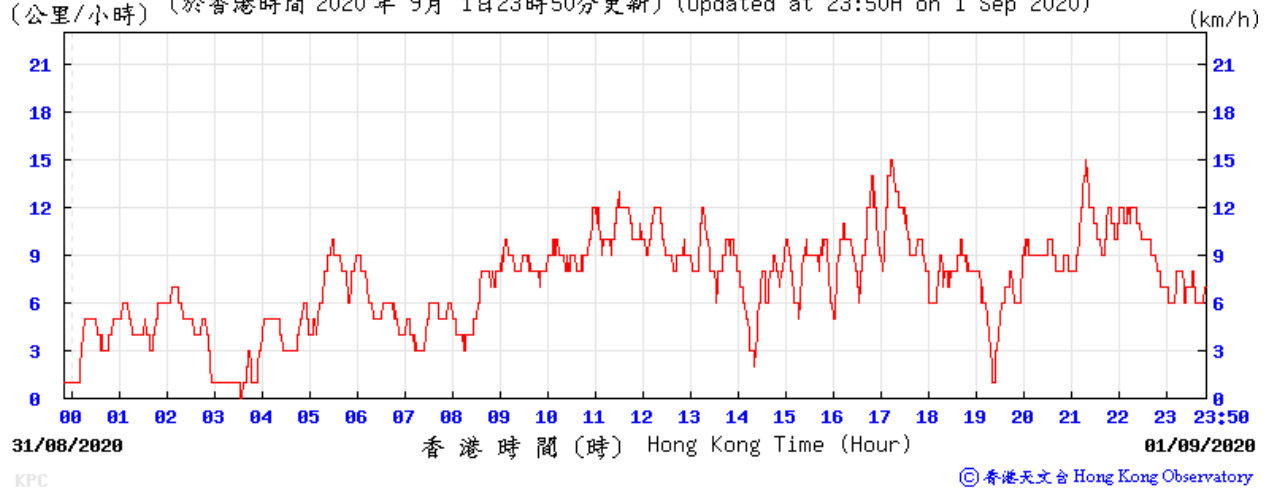
## Wind Speed recorded at King's Park Meteorological Station on 31 August 2020

(公里/小時) (於香港時間 2020 年 8月31日23時50分更新) (Updated at 23:50H on 31 Aug 2020)

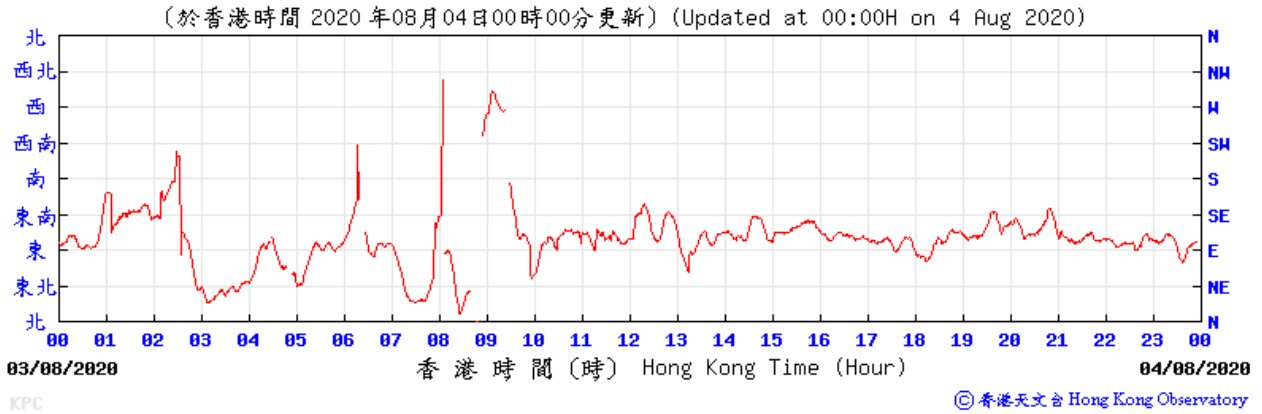


## Wind Speed recorded at King's Park Meteorological Station on 1 September 2020

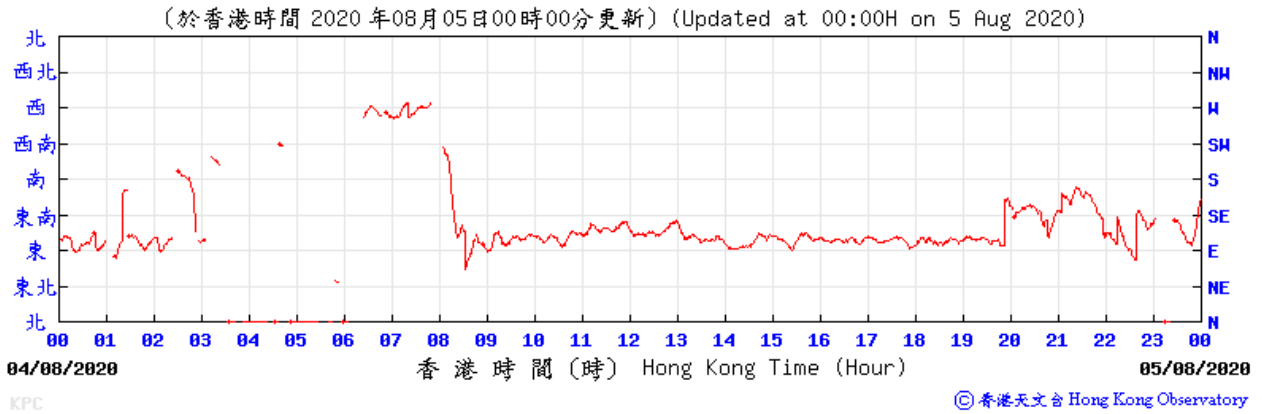
(公里/小時) (於香港時間 2020 年 9月 1日23時50分更新) (Updated at 23:50H on 1 Sep 2020)



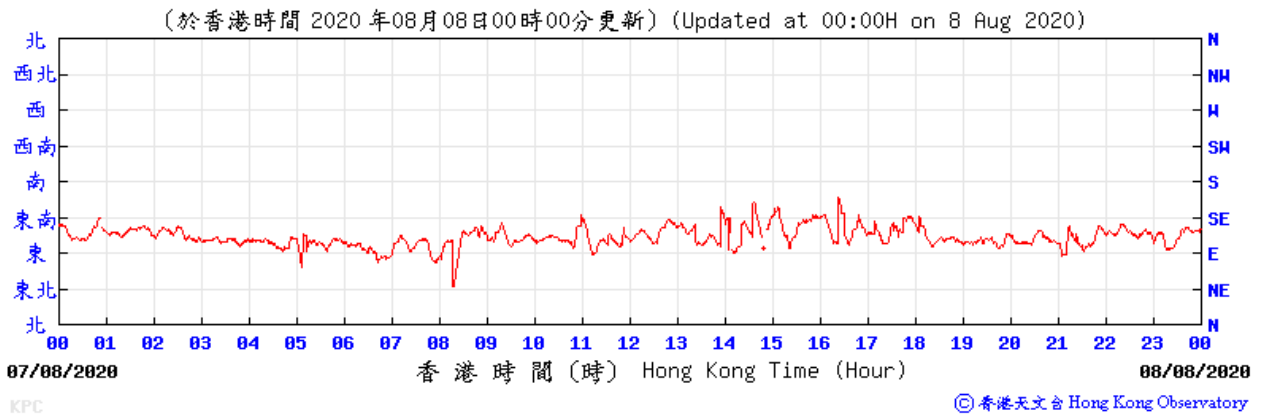
### Wind Direction recorded at King's Park Meteorological Station on 3 August 2020



### Wind Direction recorded at King's Park Meteorological Station on 4 August 2020

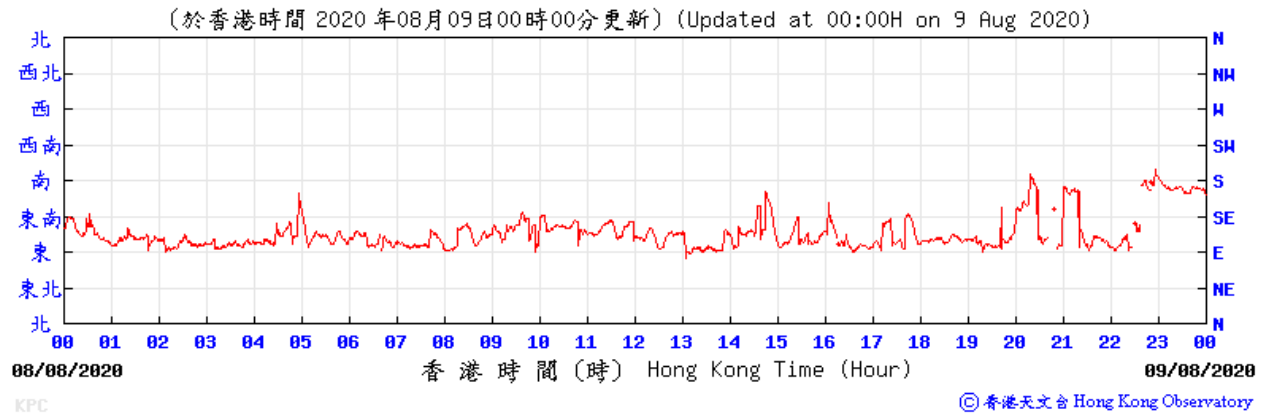


### Wind Direction recorded at King's Park Meteorological Station on 7 August 2020

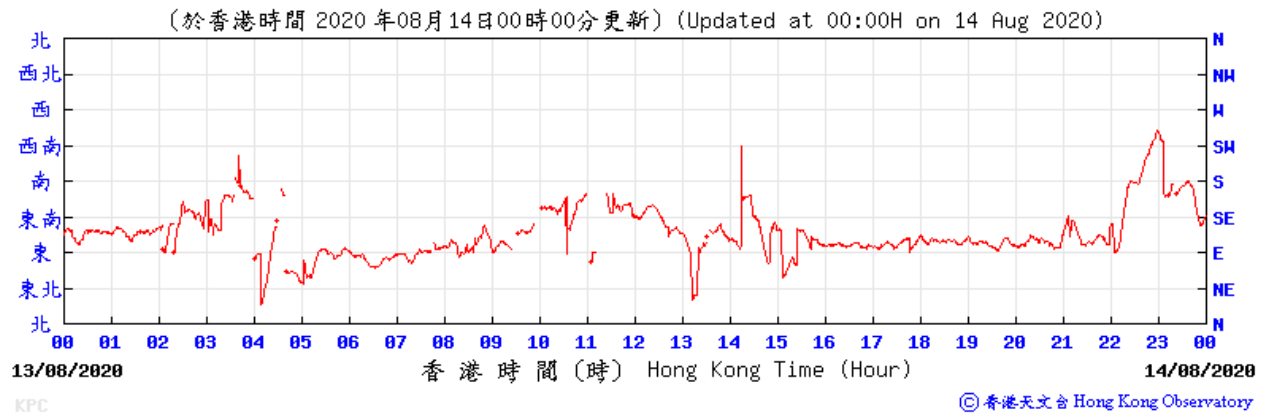




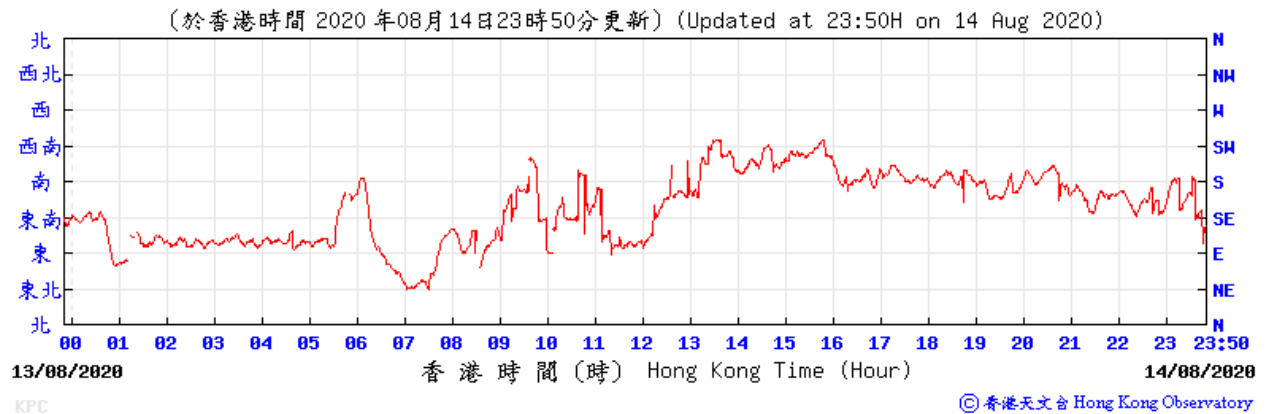
### Wind Direction recorded at King's Park Meteorological Station on 8 August 2020



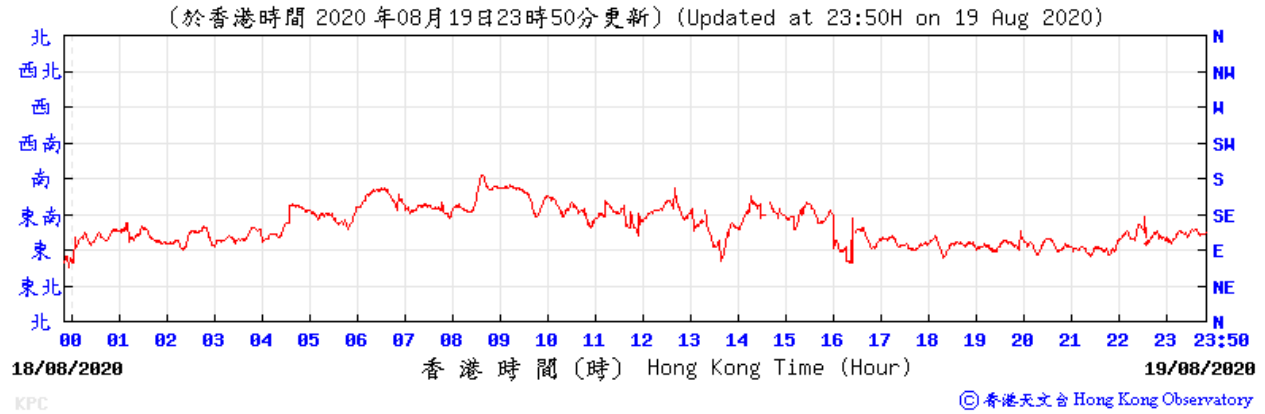
### Wind Direction recorded at King's Park Meteorological Station on 13 August 2020



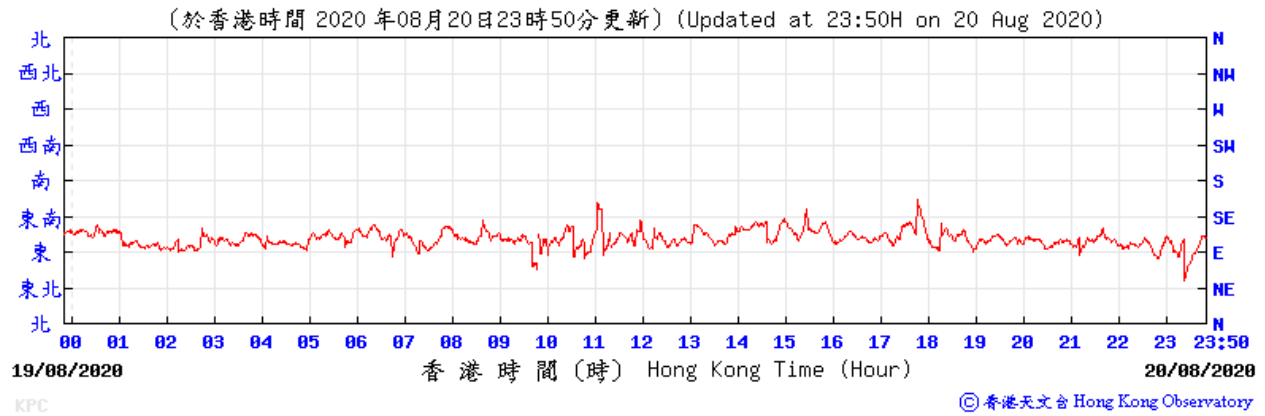
### Wind Direction recorded at King's Park Meteorological Station on 14 August 2020



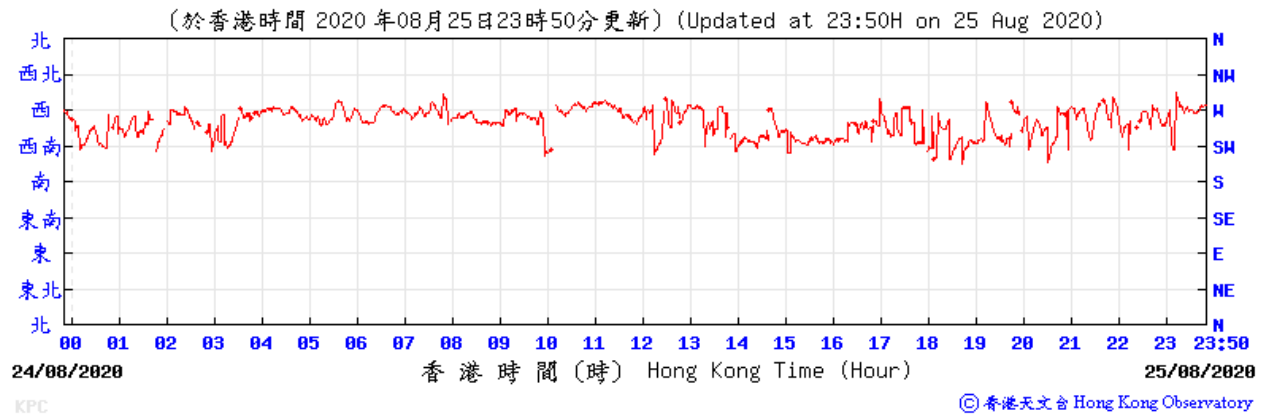
### Wind Direction recorded at King's Park Meteorological Station on 19 August 2020



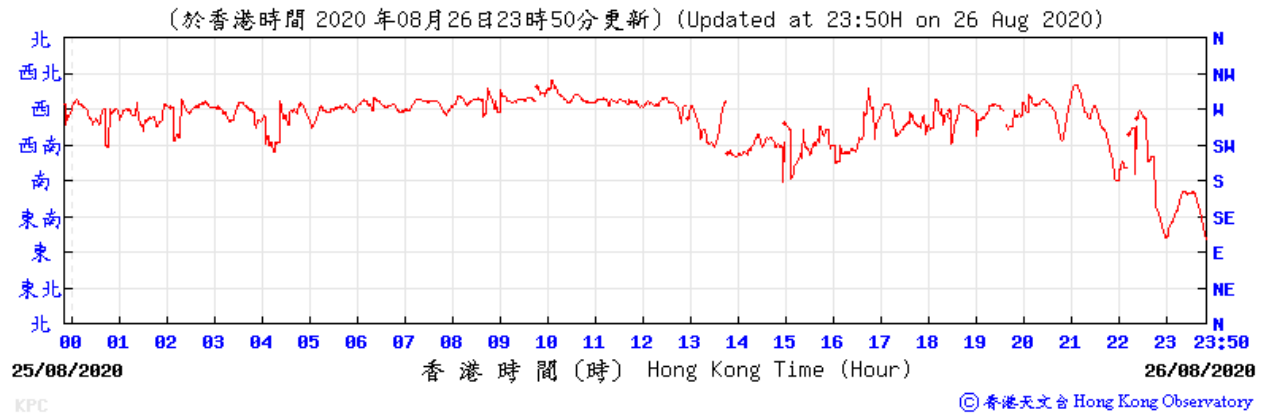
### Wind Direction recorded at King's Park Meteorological Station on 20 August 2020



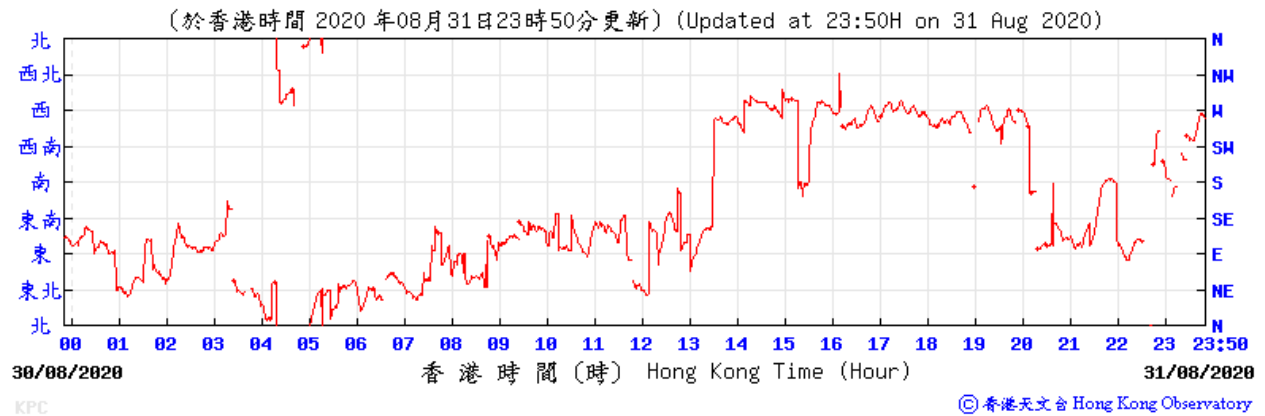
### Wind Direction recorded at King's Park Meteorological Station on 25 August 2020



### Wind Direction recorded at King's Park Meteorological Station on 26 August 2020



### Wind Direction recorded at King's Park Meteorological Station on 31 August 2020



### Wind Direction recorded at King's Park Meteorological Station on 1 September 2020

