

# Appendix G

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Construction Dust Monitoring

Results and Meteorological

Observations

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

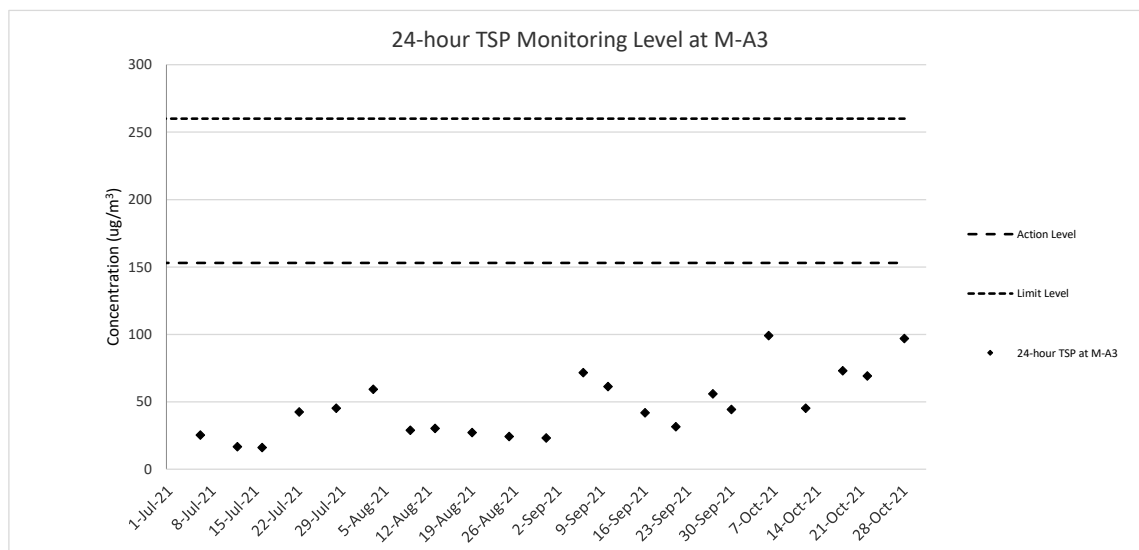
### M-A3 - SKH Tsoi Kung Po Secondary School

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					
6-Oct-21	Fine	302.5	756.4	2.7298	2.9079	0.1781	24	1.24	1.26	1.25	1798.6	99	153	260.00
12-Oct-21	Cloudy	298.1	751.0	2.7834	2.8647	0.0813	24	1.25	1.26	1.25	1802.2	45		
18-Oct-21	Fine	296.9	763.8	2.6900	2.8256	0.1356	24	1.26	1.32	1.29	1860.2	73		
22-Oct-21	Cloudy	292.3	764.5	2.6839	2.8097	0.1258	24	1.27	1.26	1.26	1820.2	69		
28-Oct-21	Fine	298.7	763.5	2.6600	2.8353	0.1753	24	1.26	1.26	1.26	1809.1	97		
												Min	45	
												Max	99	
												Average	77	

Note:

Underline: Exceedance of Action Level

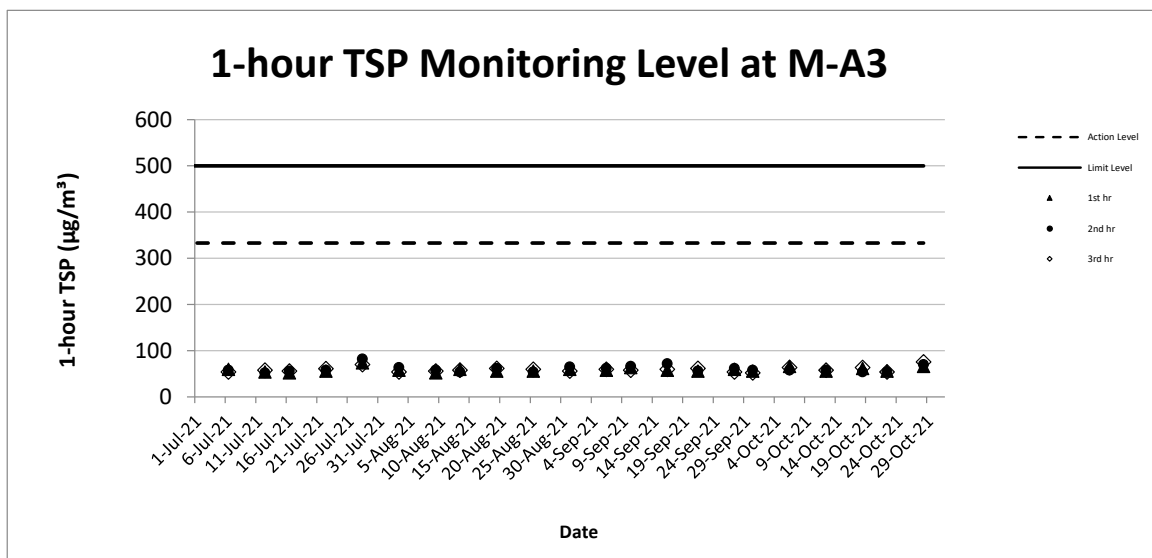
Underline and Bold: Exceedance of Limit Level



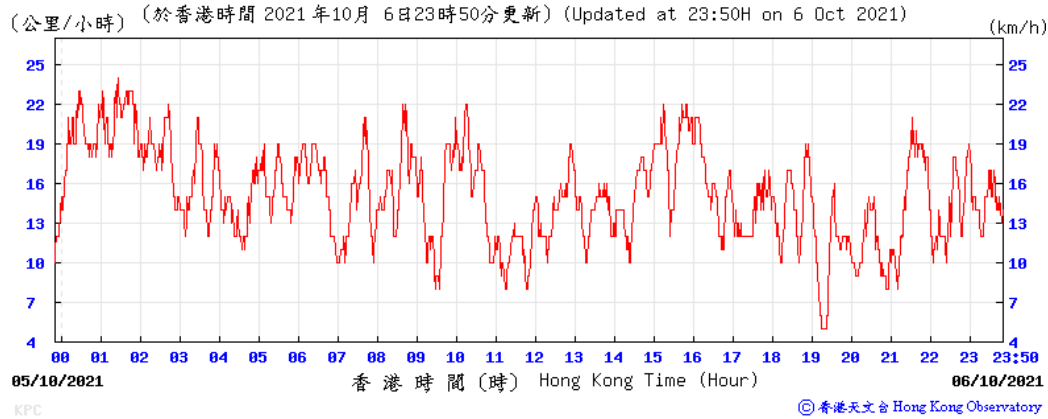
# 1-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

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

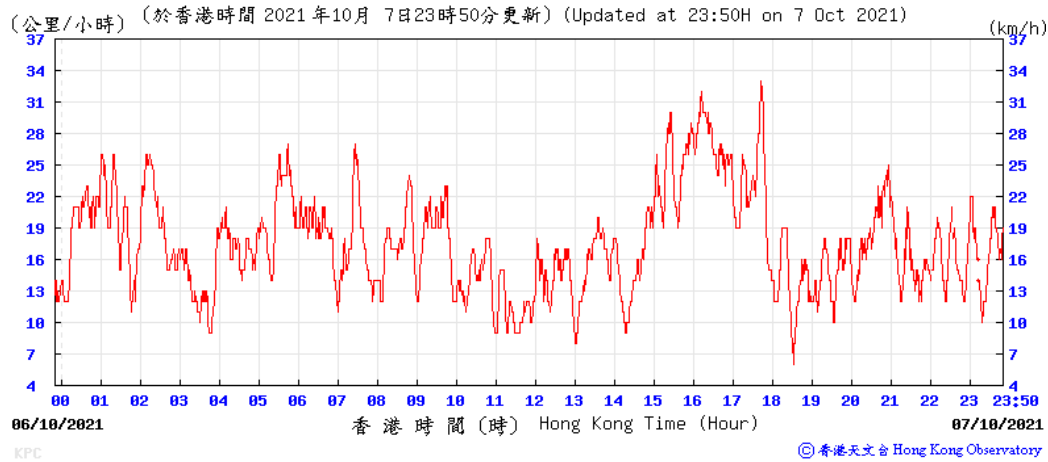
1-hour TSP ( $\mu\text{g}/\text{m}^3$ )								
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
6-Oct-21	09:00	66	58	64	63	333	500	Fine
12-Oct-21	09:30	56	58	58	57			Cloudy
18-Oct-21	13:42	62	54	64	60			Fine
22-Oct-21	14:16	56	54	54	55			Cloudy
28-Oct-21	13:33	66	70	76	71			Fine
<b>Average</b>		61						
<b>Max</b>		76						
<b>Min</b>		54						



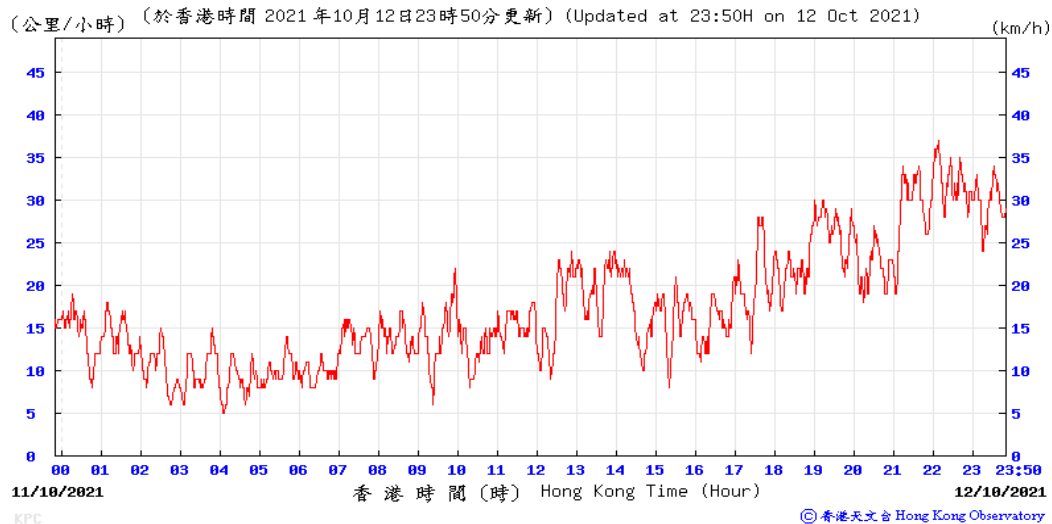
## Wind Speed recorded at King's Park Meteorological Station on 6 October 2021



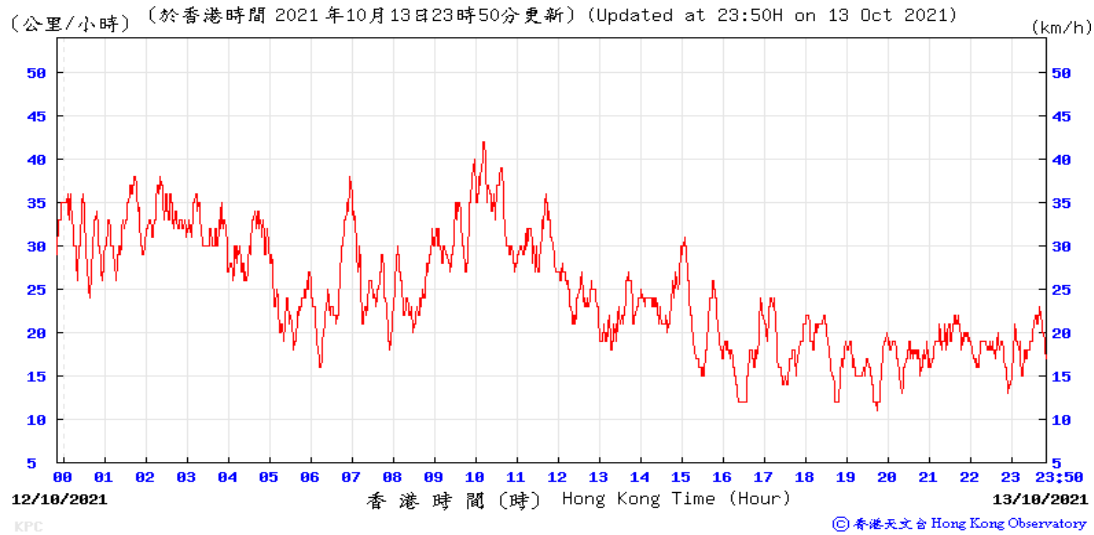
## Wind Speed recorded at King's Park Meteorological Station on 7 October 2021



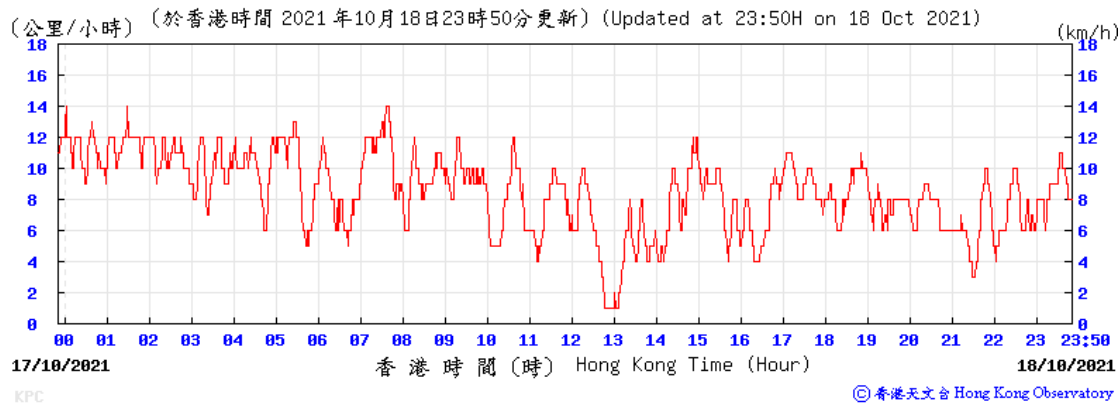
## Wind Speed recorded at King's Park Meteorological Station on 12 October 2021



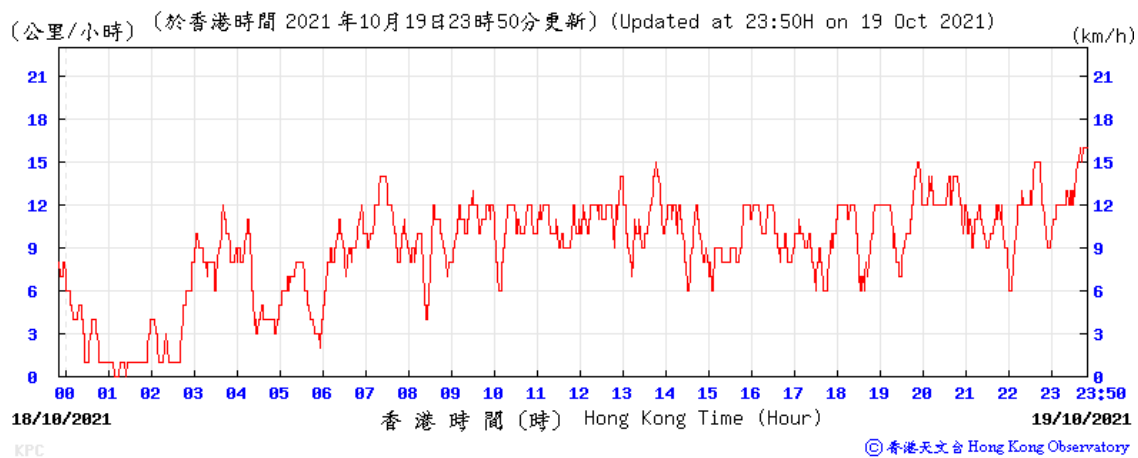
## Wind Speed recorded at King's Park Meteorological Station on 13 October 2021



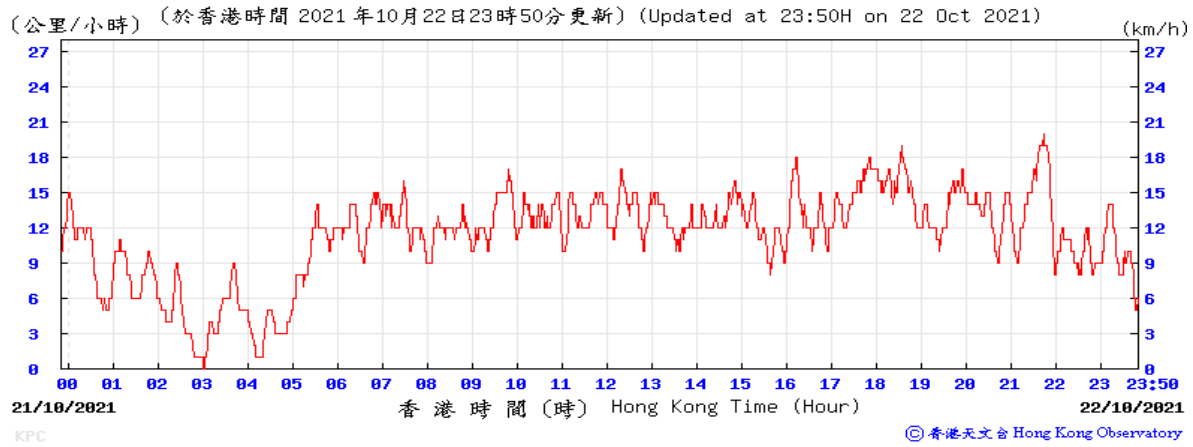
## Wind Speed recorded at King's Park Meteorological Station on 18 October 2021



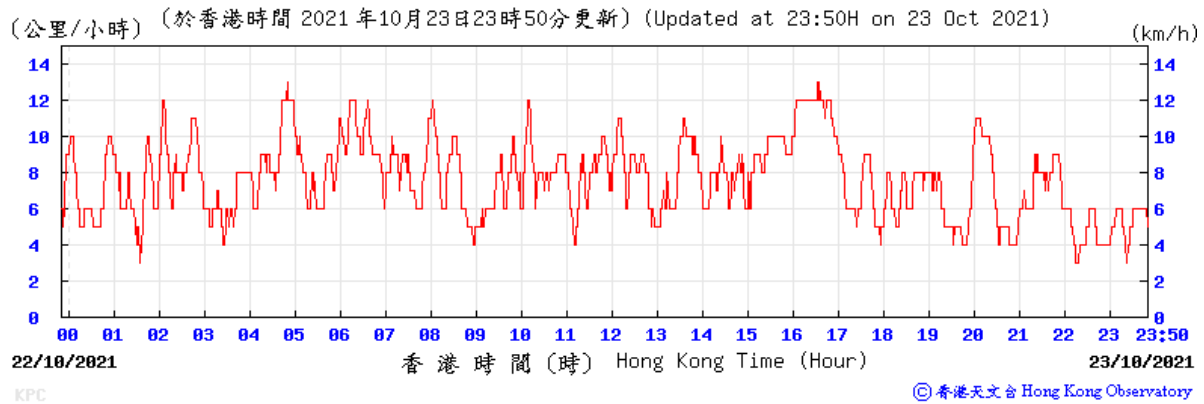
## Wind Speed recorded at King's Park Meteorological Station on 19 October 2021



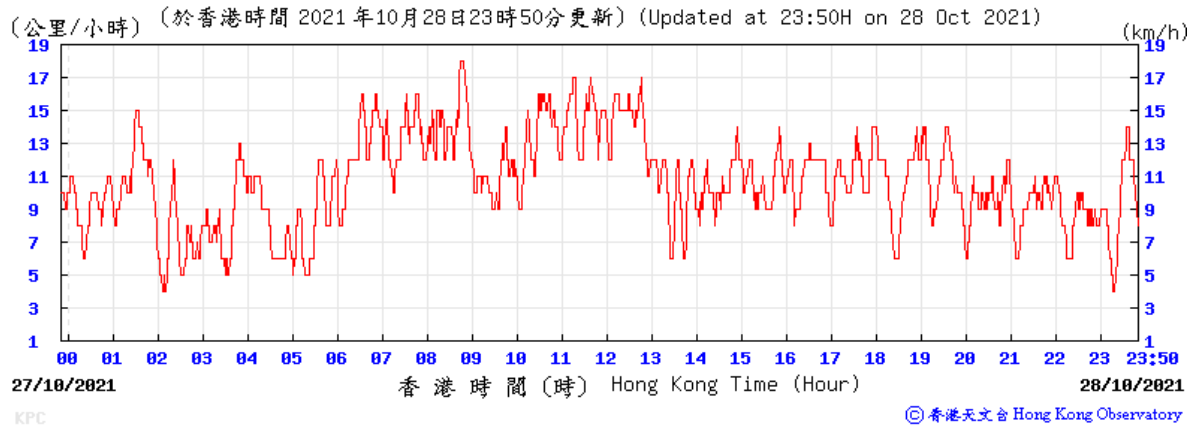
## Wind Speed recorded at King's Park Meteorological Station on 22 October 2021



## Wind Speed recorded at King's Park Meteorological Station on 23 October 2021

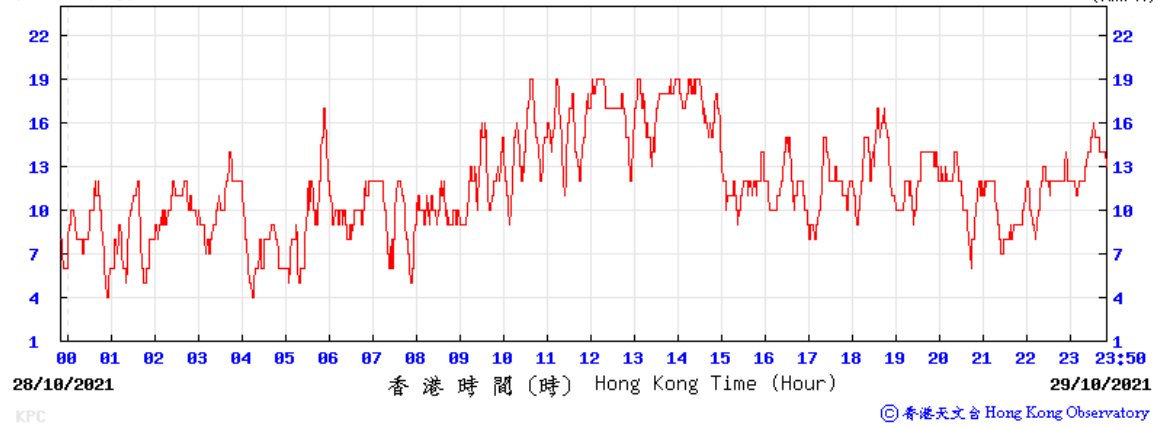


## Wind Speed recorded at King's Park Meteorological Station on 28 October 2021

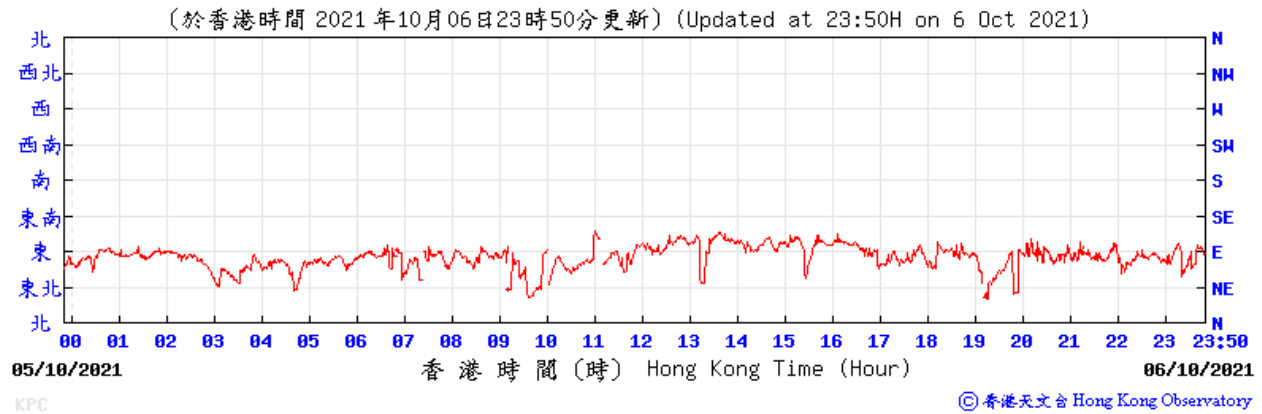


# Wind Speed recorded at King's Park Meteorological Station on 29 October 2021

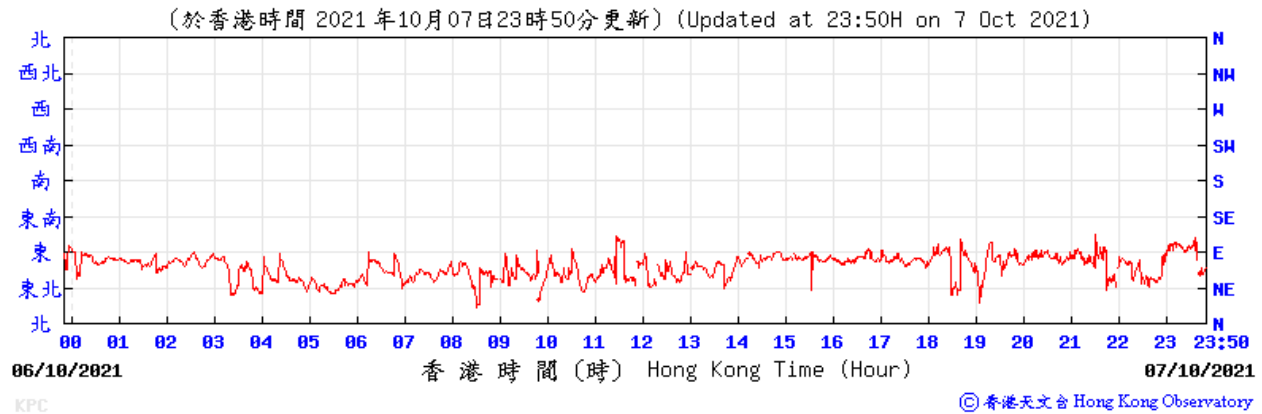
(公里/小時) (於香港時間 2021年10月29日23時50分更新) (Updated at 23:50H on 29 Oct 2021) (km/h)



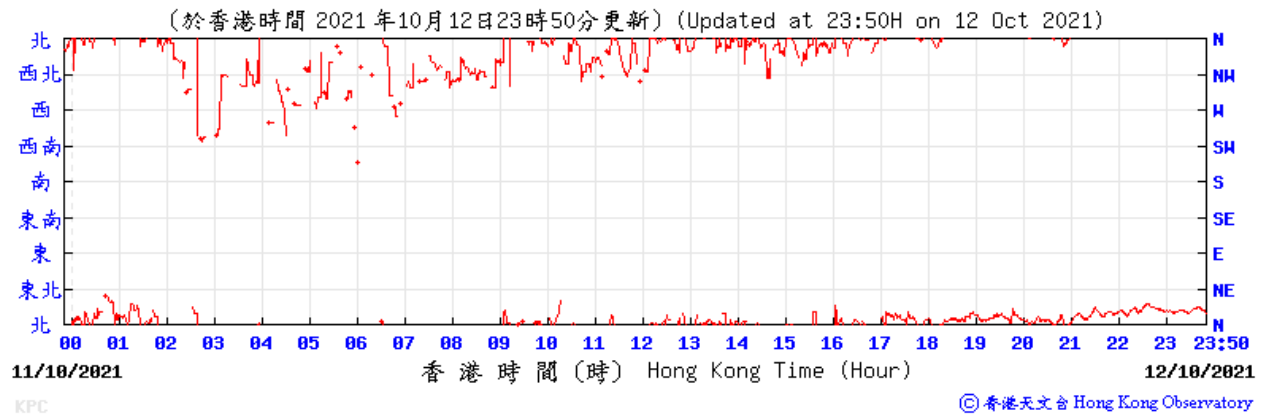
### Wind Direction recorded at King's Park Meteorological Station on 6 October 2021



### Wind Direction recorded at King's Park Meteorological Station on 7 October 2021

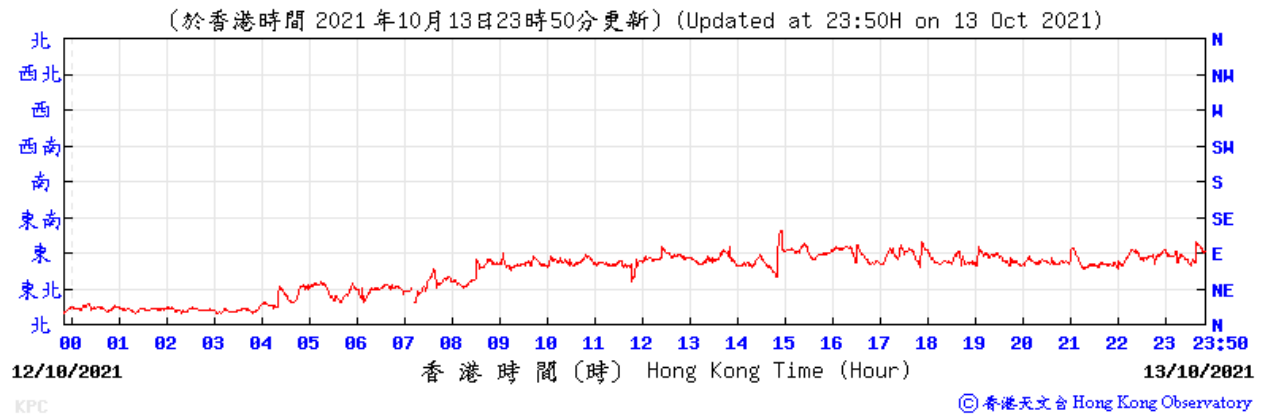


### Wind Direction recorded at King's Park Meteorological Station on 12 October 2021

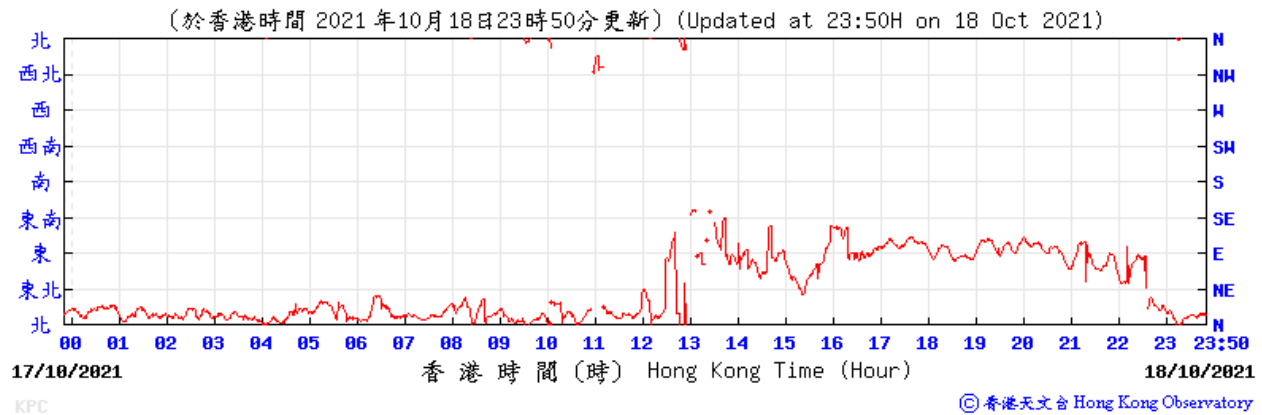




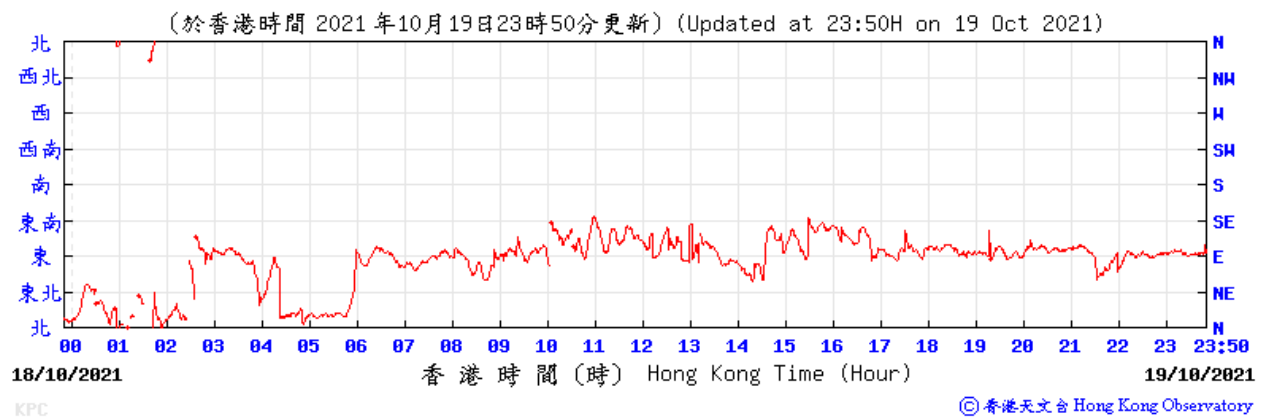
### Wind Direction recorded at King's Park Meteorological Station on 13 October 2021



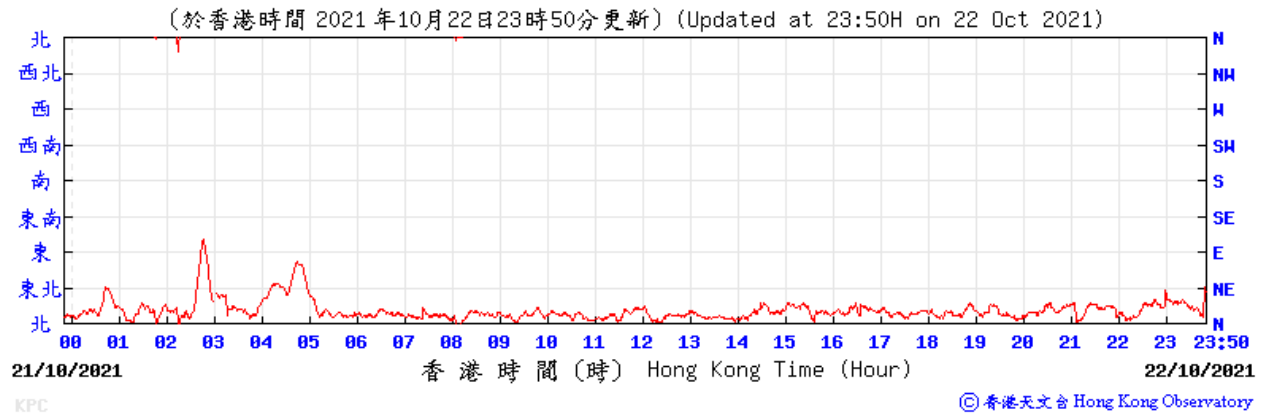
### Wind Direction recorded at King's Park Meteorological Station on 18 October 2021



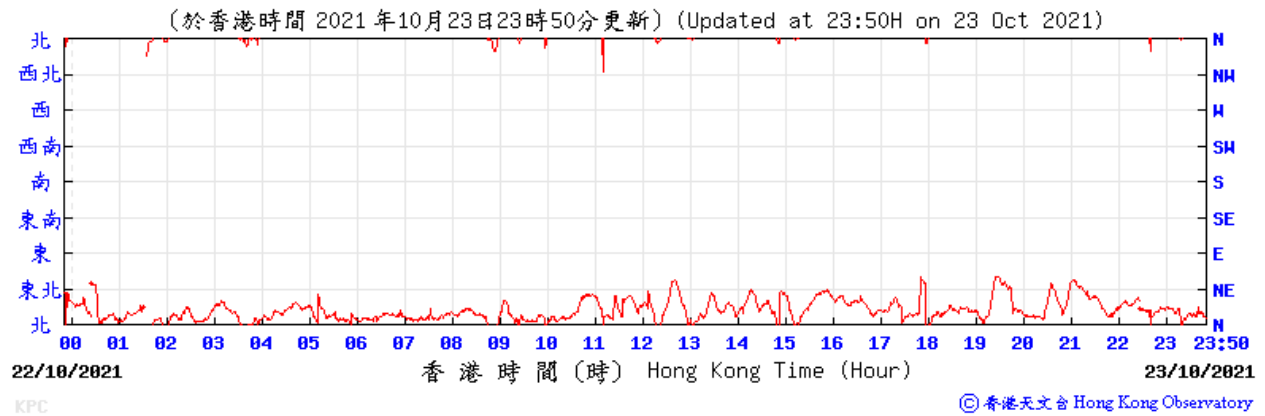
### Wind Direction recorded at King's Park Meteorological Station on 19 October 2021



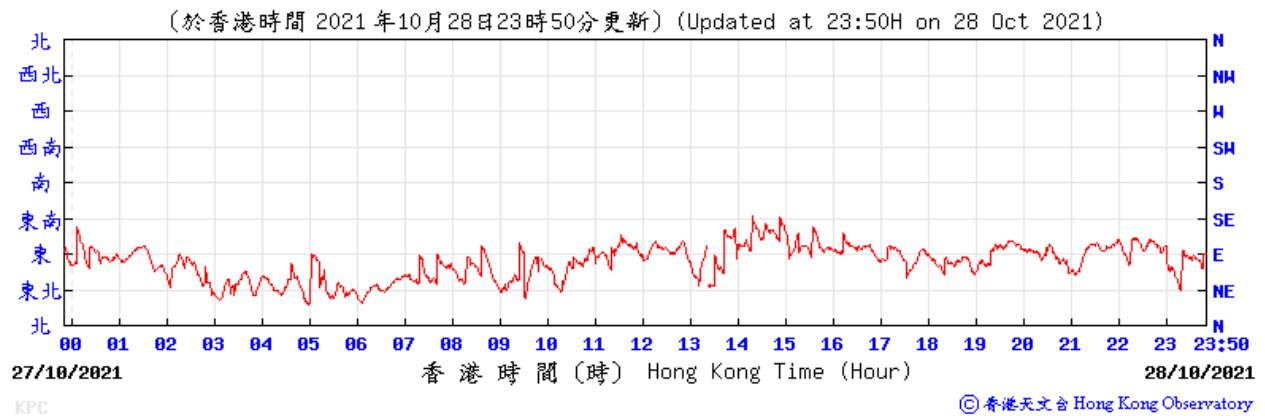
### Wind Direction recorded at King's Park Meteorological Station on 22 October 2021



### Wind Direction recorded at King's Park Meteorological Station on 23 October 2021



### Wind Direction recorded at King's Park Meteorological Station on 28 October 2021



# Wind Direction recorded at King's Park Meteorological Station on 29 October 2021

