

# 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**

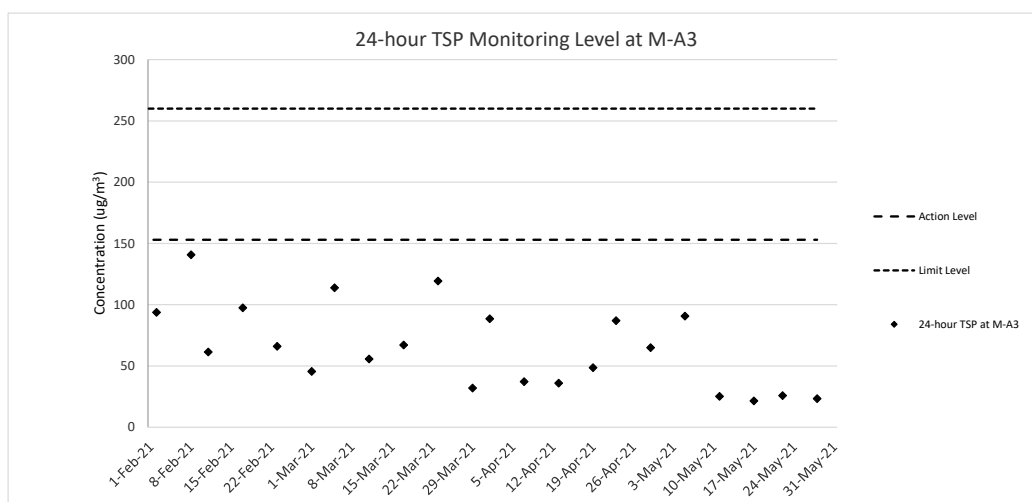
**M-A3 - SKH Tsoi Kung Po Secondary School**

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					
5-May-21	Fine	299.6	759.7	2.7490	2.9085	0.1595	24	1.22	1.22	1.22	1760.5	91	153	260
11-May-21	Fine	302.2	756.4	2.7244	2.7809	0.0565	24	1.55	1.56	1.55	2237.8	25		
17-May-21	Fine	303.4	757.4	2.6868	2.7350	0.0482	24	1.55	1.56	1.55	2237.0	22		
22-May-21	Cloudy	303.5	755.3	2.7044	2.7622	0.0578	24	1.55	1.56	1.55	2236.0	26		
28-May-21	Cloudy	303.2	755.4	2.7209	2.7729	0.0520	24	1.55	1.56	1.55	2236.3	23		
												Min	22	
												Max	91	
												Average	37	

Note:

Underline: Exceedance of Action Level

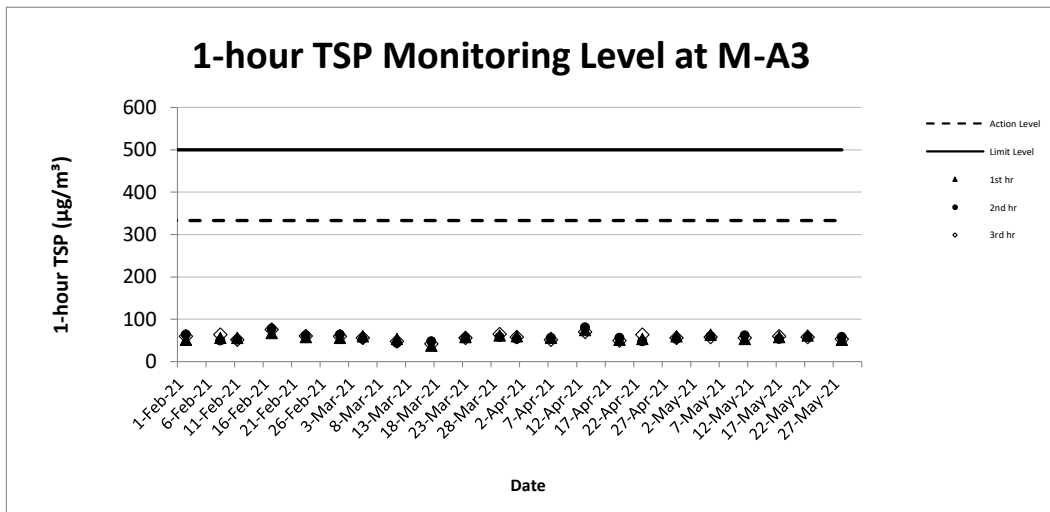
Underline and Bold: Exceedance of Limit Level



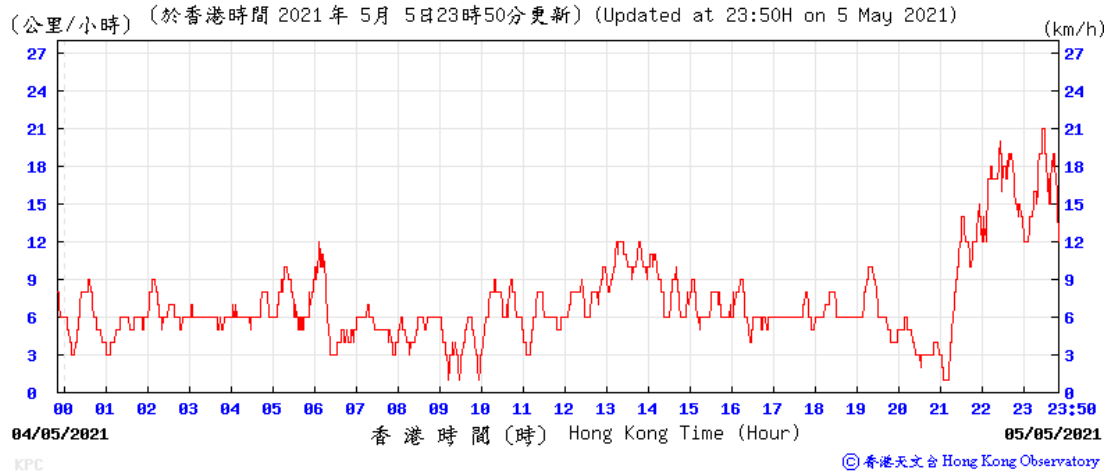
# 1-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

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

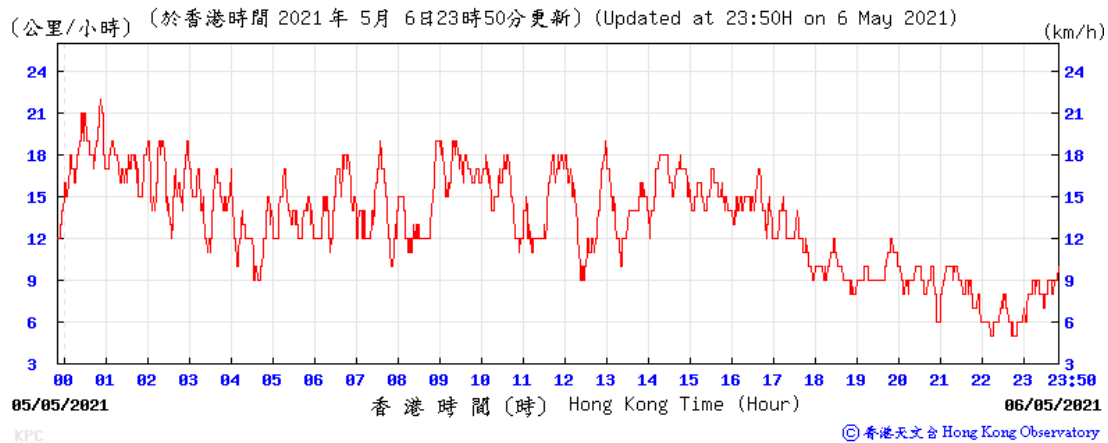
1-hour TSP ( $\mu\text{g}/\text{m}^3$ )								
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
5-May-21	08:45	64	60	58	61	333	500	Fine
11-May-21	09:12	54	62	56	57			Fine
17-May-21	08:54	58	54	60	57			Fine
22-May-21	13:32	62	58	58	59			Cloudy
28-May-21	13:04	52	58	54	55			Cloudy
<b>Average</b>		58						
<b>Max</b>		64						
<b>Min</b>		52						



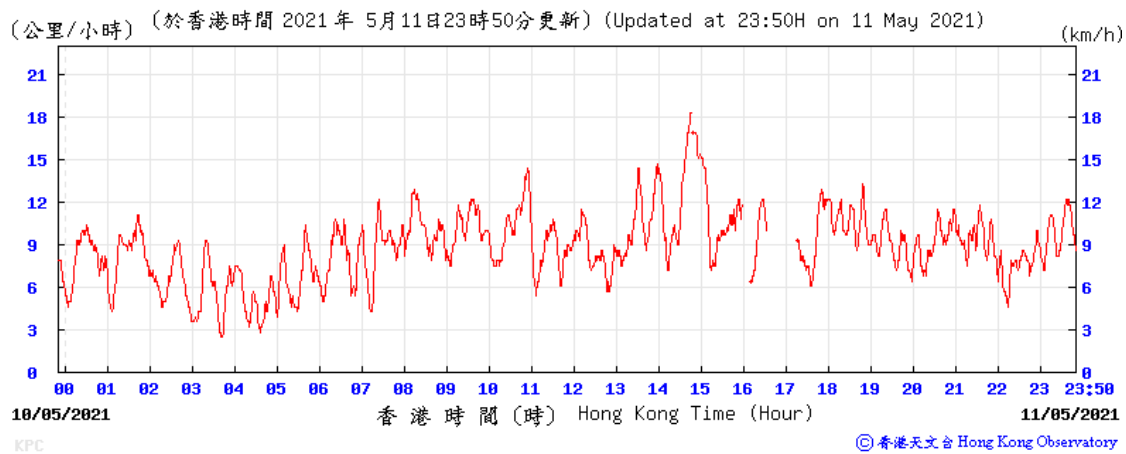
## Wind Speed recorded at King's Park Meteorological Station on 5 May 2021



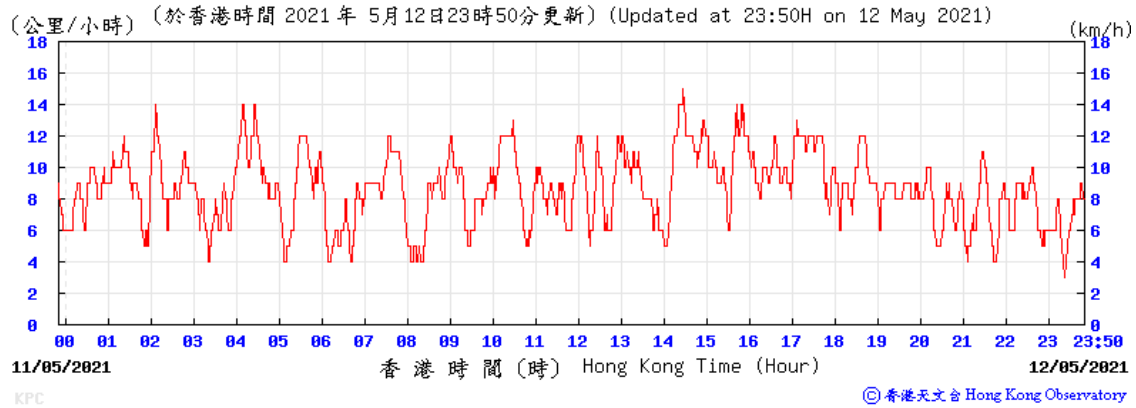
## Wind Speed recorded at King's Park Meteorological Station on 6 May 2021



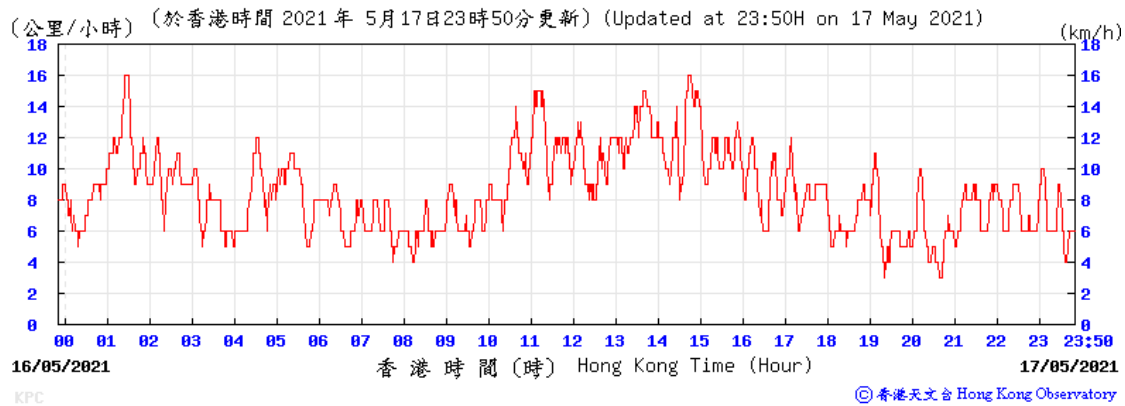
## Wind Speed recorded at King's Park Meteorological Station on 11 May 2021



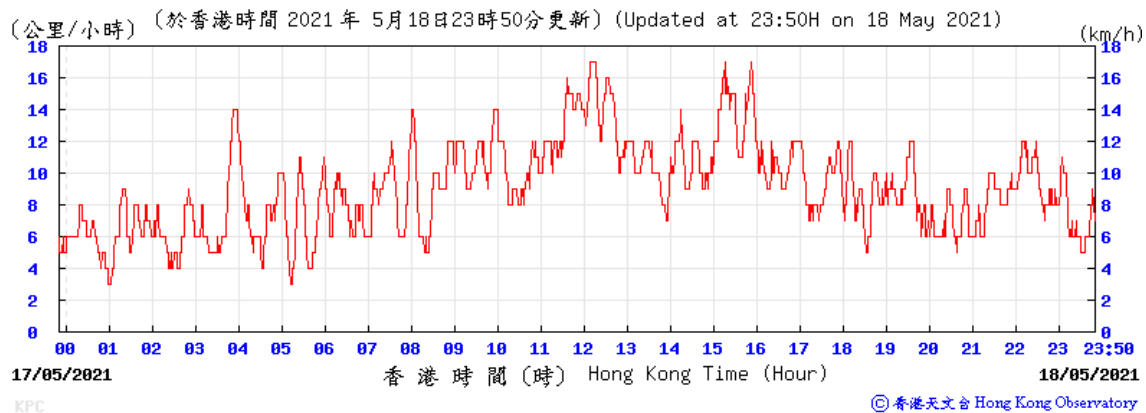
## Wind Speed recorded at King's Park Meteorological Station on 12 May 2021



## Wind Speed recorded at King's Park Meteorological Station on 17 May 2021

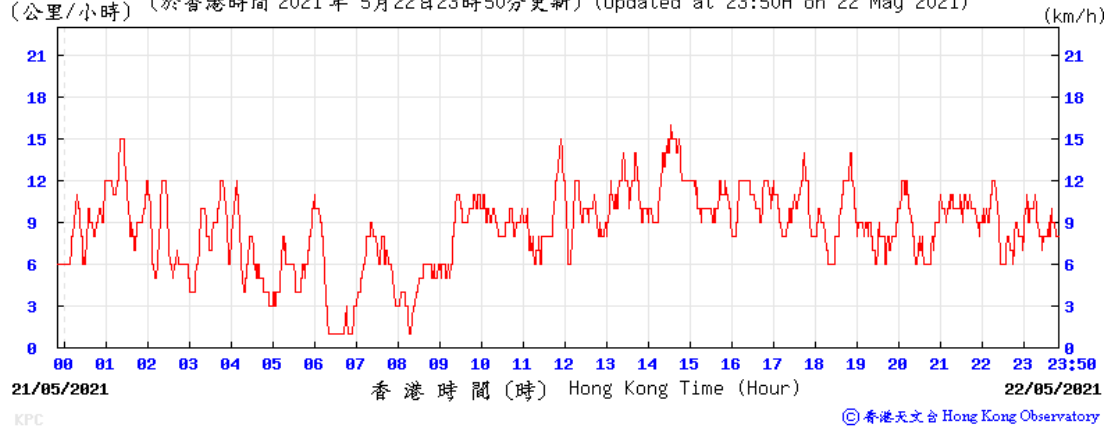


## Wind Speed recorded at King's Park Meteorological Station on 18 May 2021



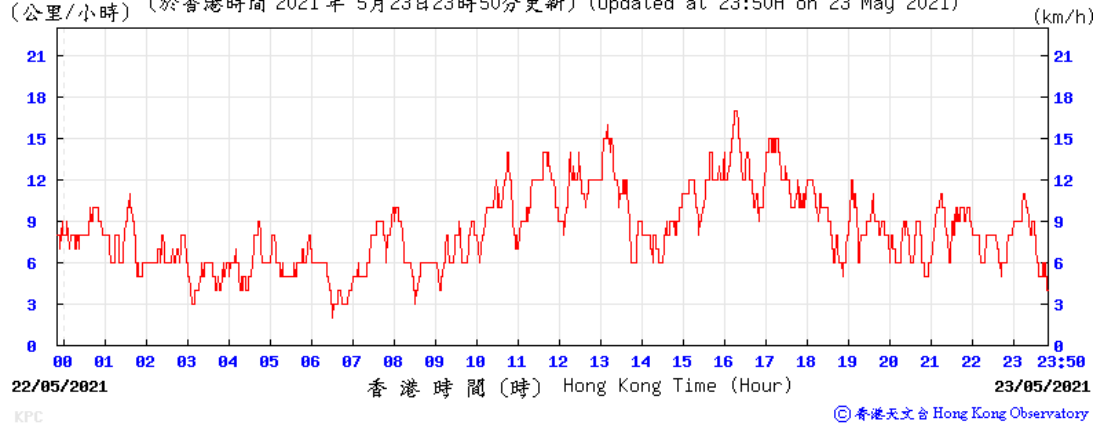
## Wind Speed recorded at King's Park Meteorological Station on 22 May 2021

(公里/小時) (於香港時間 2021年 5月22日23時50分更新) (Updated at 23:50H on 22 May 2021)



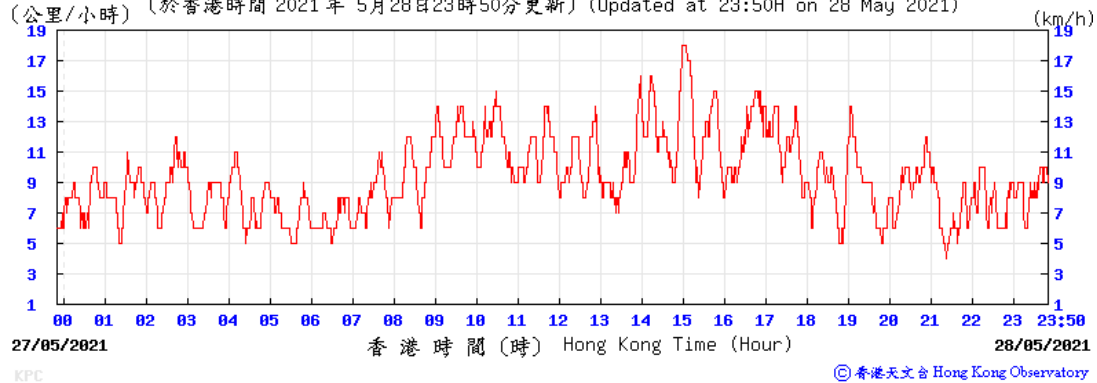
## Wind Speed recorded at King's Park Meteorological Station on 23 May 2021

(公里/小時) (於香港時間 2021年 5月23日23時50分更新) (Updated at 23:50H on 23 May 2021)

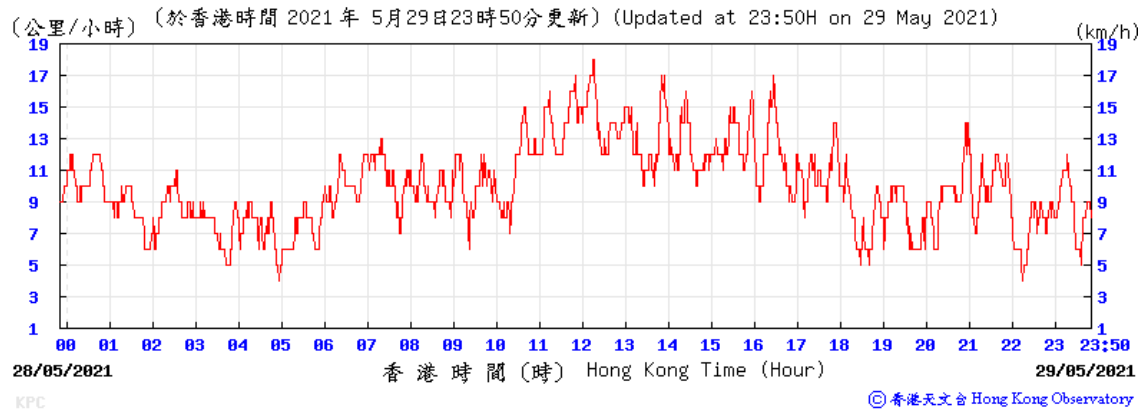


## Wind Speed recorded at King's Park Meteorological Station on 28 May 2021

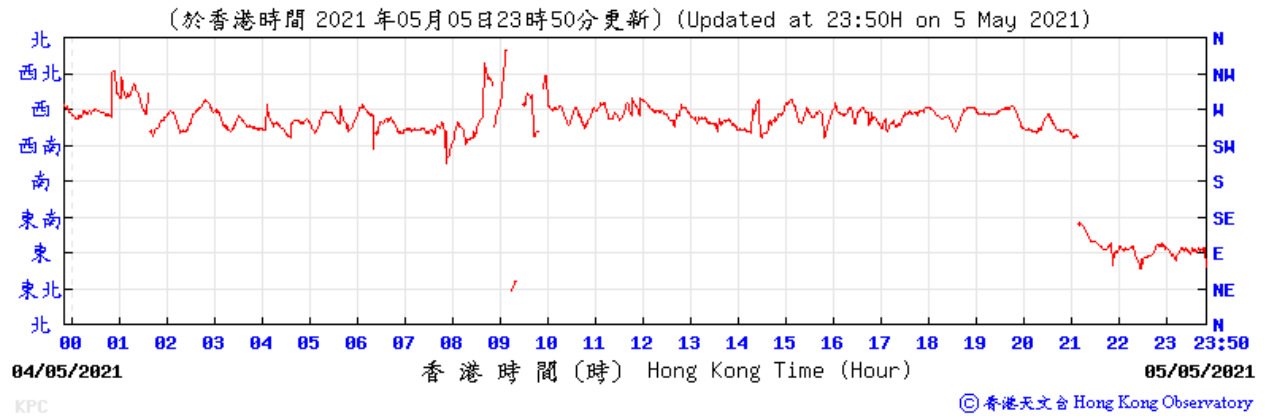
(公里/小時) (於香港時間 2021年 5月28日23時50分更新) (Updated at 23:50H on 28 May 2021)



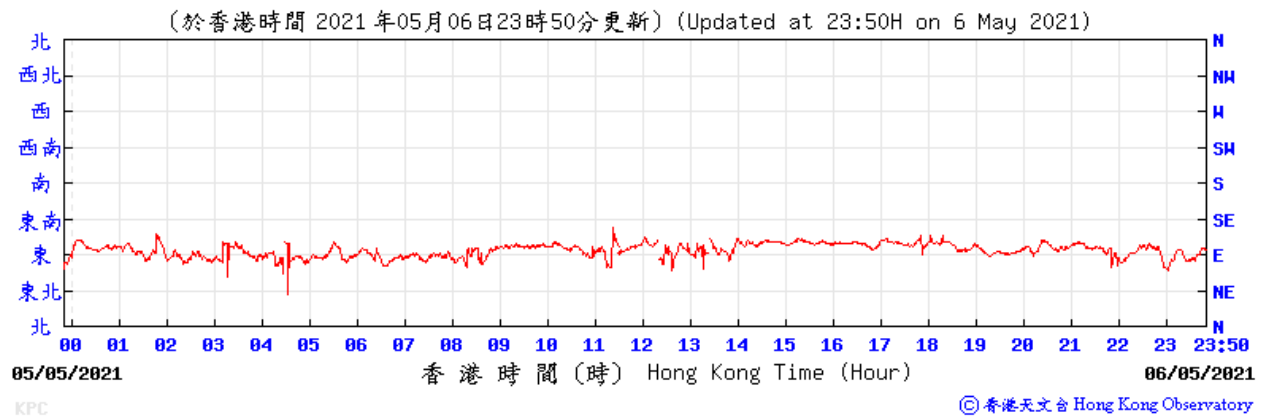
# Wind Speed recorded at King's Park Meteorological Station on 29 May 2021



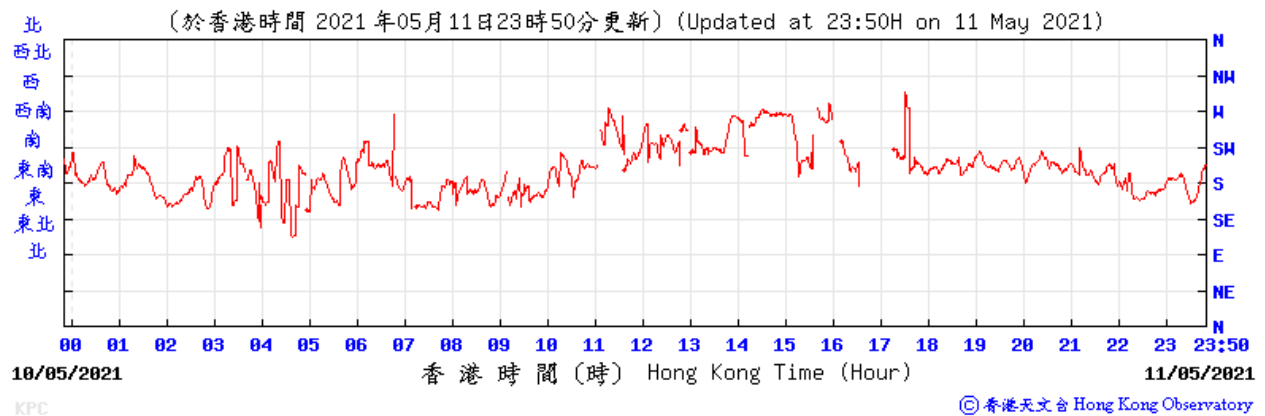
### Wind Direction recorded at King's Park Meteorological Station on 5 May 2021



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

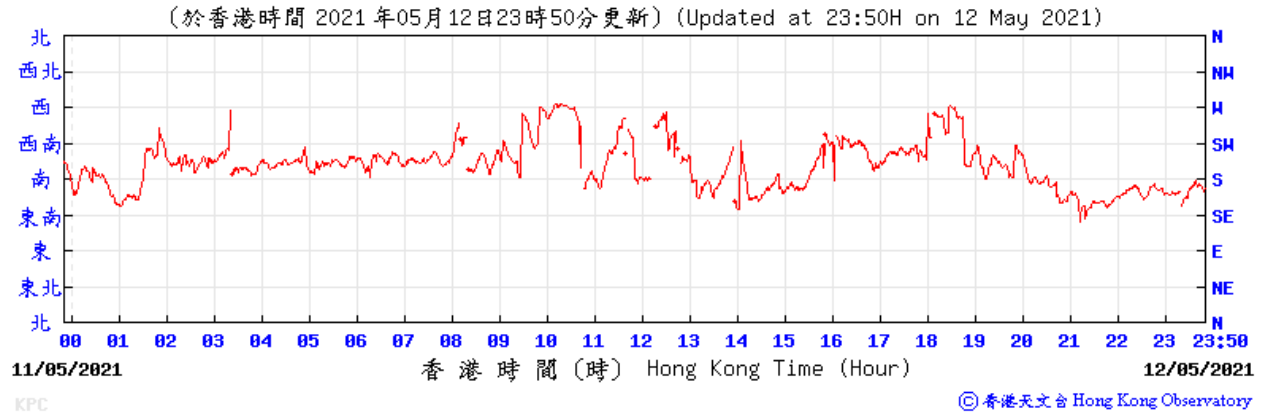


### Wind Direction recorded at King's Park Meteorological Station on 11 May 2021

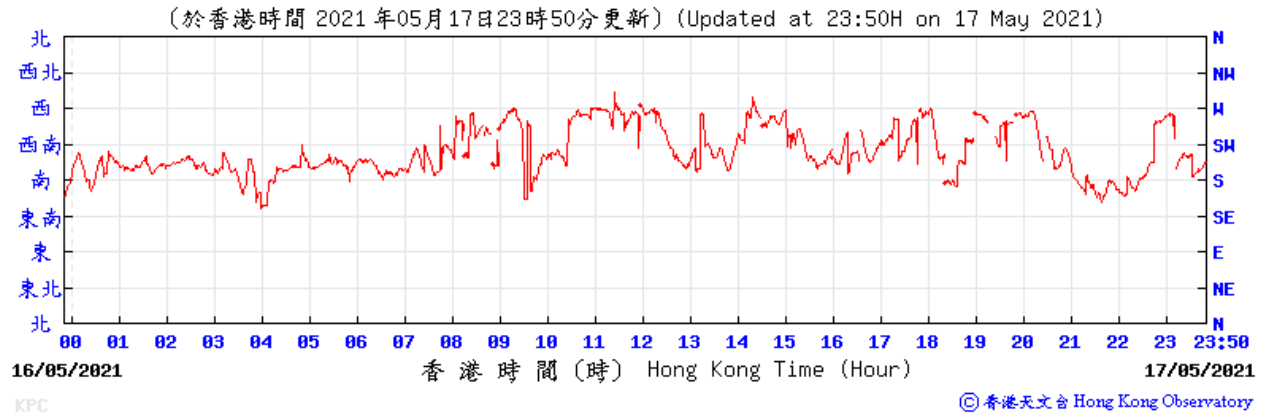




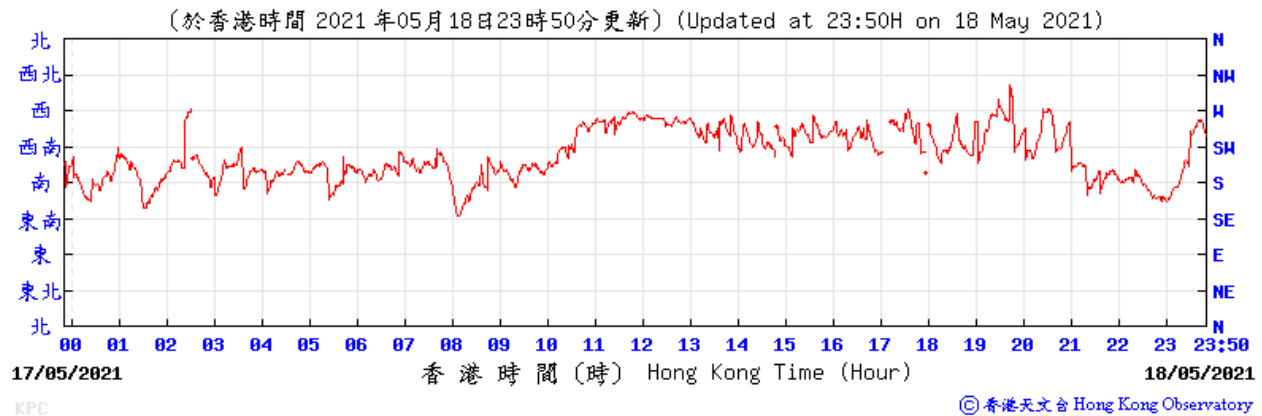
### Wind Direction recorded at King's Park Meteorological Station on 12 May 2021



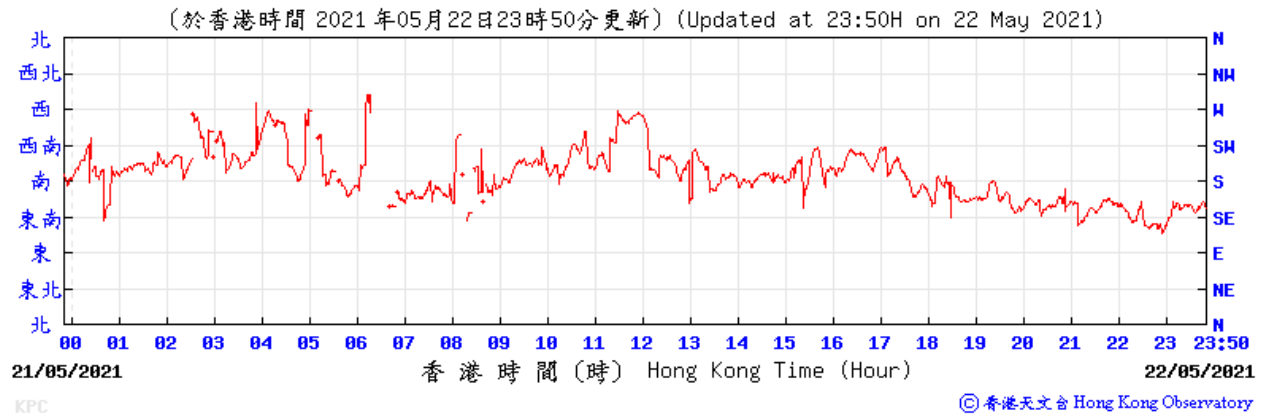
### Wind Direction recorded at King's Park Meteorological Station on 17 May 2021



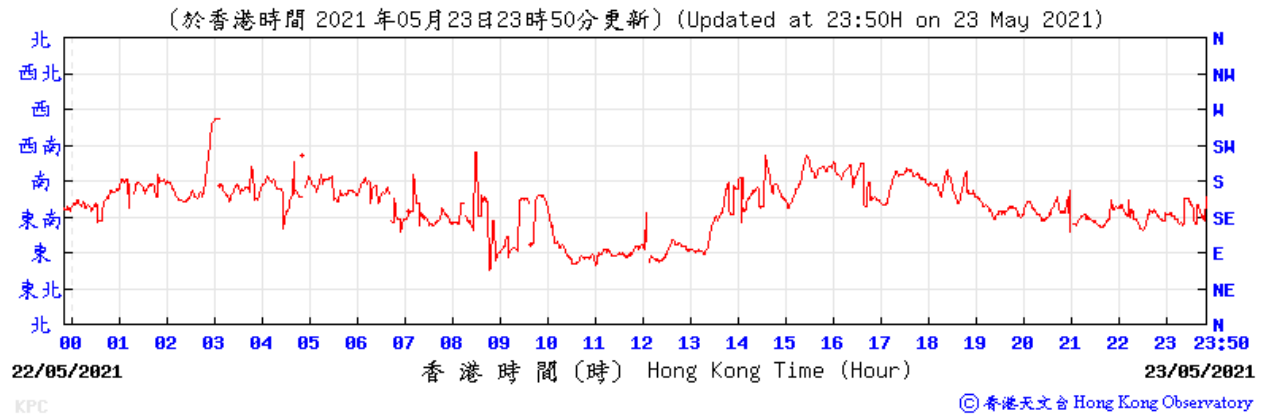
### Wind Direction recorded at King's Park Meteorological Station on 18 May 2021



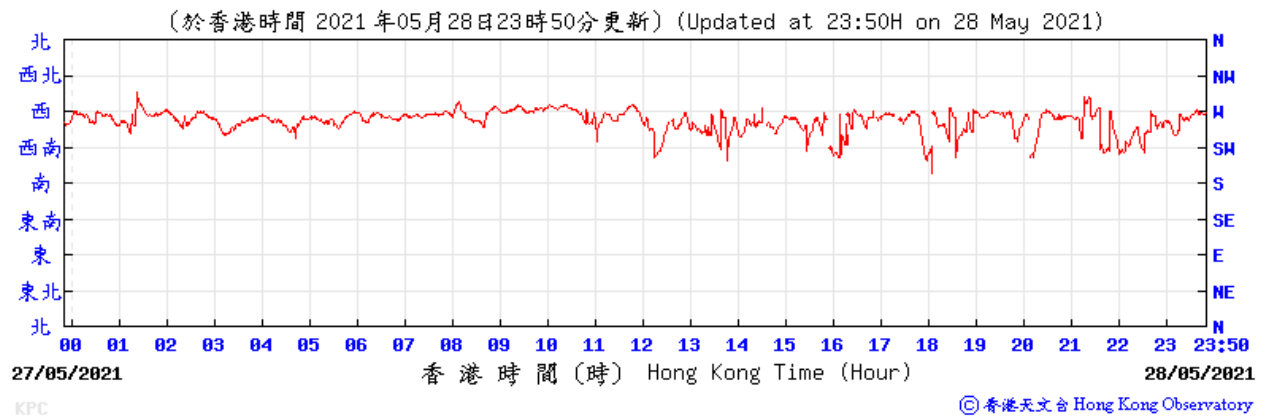
## Wind Direction recorded at King's Park Meteorological Station on 22 May 2021



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



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



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

