

# Appendix G

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Construction Dust Monitoring

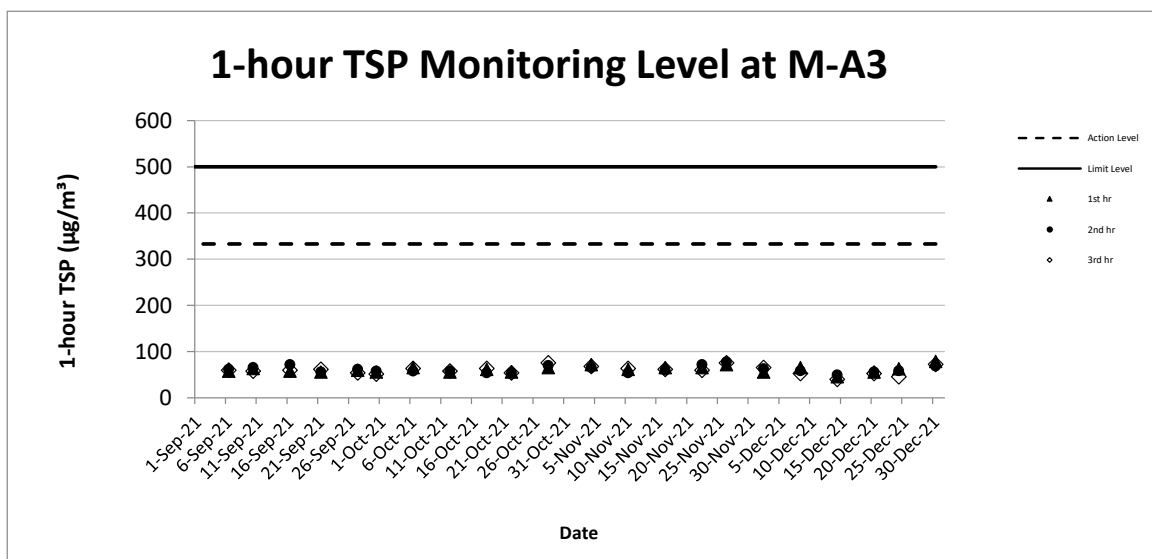
Results and Meteorological

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
2-Dec-21	09:30	56	63	66	62	333	500	Fine
8-Dec-21	09:14	66	59	53	59			Fine
14-Dec-21	09:00	46	50	40	45			Sunny
20-Dec-21	13:40	56	56	53	55			Fine
24-Dec-21	13:17	63	59	46	56			Sunny
30-Dec-21	13:30	79	69	73	74			Sunny
<b>Average</b>		59						
<b>Max</b>		79						
<b>Min</b>		40						

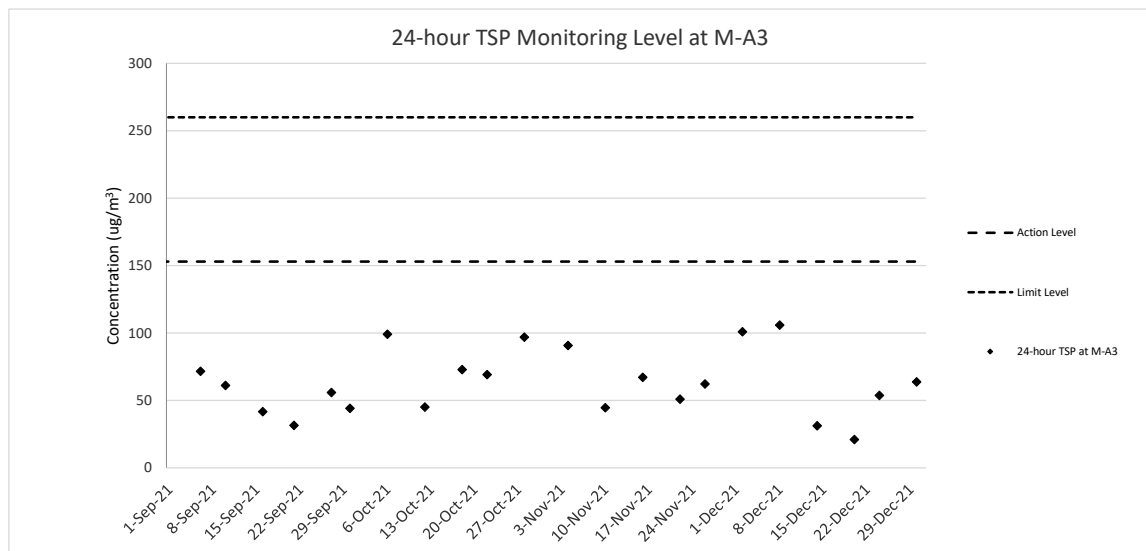


## 24-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

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

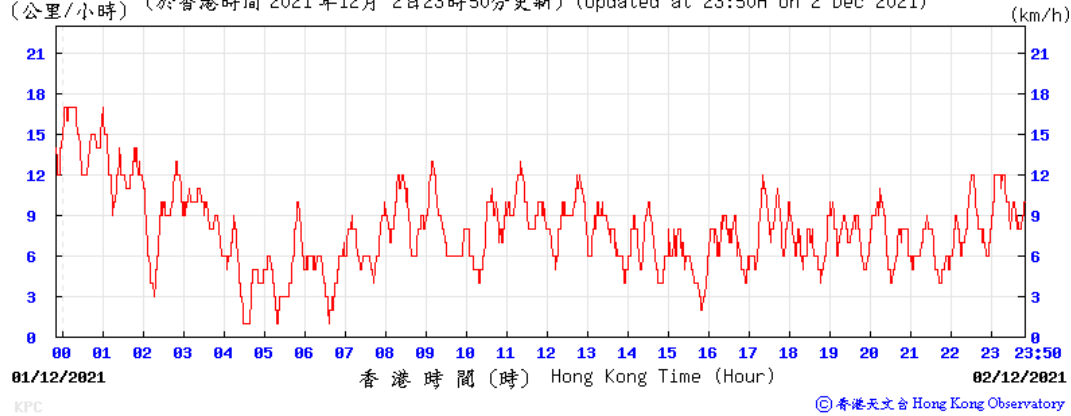
Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min.)		Average flow (m <sup>3</sup> /min)	Total volume (m <sup>3</sup> )	Conc. (ug/m <sup>3</sup> )	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )
				Initial	Final			Initial	Final					
2-Dec-21	Fine	290.4	766.4	2.7944	2.9858	0.1914	24	1.28	1.36	1.32	1896.7	101	153	260
8-Dec-21	Fine	293.1	766.8	2.6942	2.8869	0.1927	24	1.27	1.26	1.26	1820.4	106		
14-Dec-21	Sunny	293.5	764.0	2.6871	2.7439	0.0568	24	1.27	1.26	1.26	1817.9	31		
20-Dec-21	Fine	290.2	763.3	2.7834	2.8218	0.0384	24	1.28	1.26	1.27	1823.0	21		
24-Dec-21	Sunny	292.9	763.0	2.7321	2.8311	0.0990	24	1.27	1.29	1.28	1842.3	54		
30-Dec-21	Sunny	291.1	768.5	2.7470	2.8695	0.1225	24	1.31	1.36	1.33	1921.2	64		
											Min	21		
											Max	106		
											Average	63		

Note:  
 Underline: Exceedance of Action Level  
 Underline and Bold: Exceedance of Limit Level



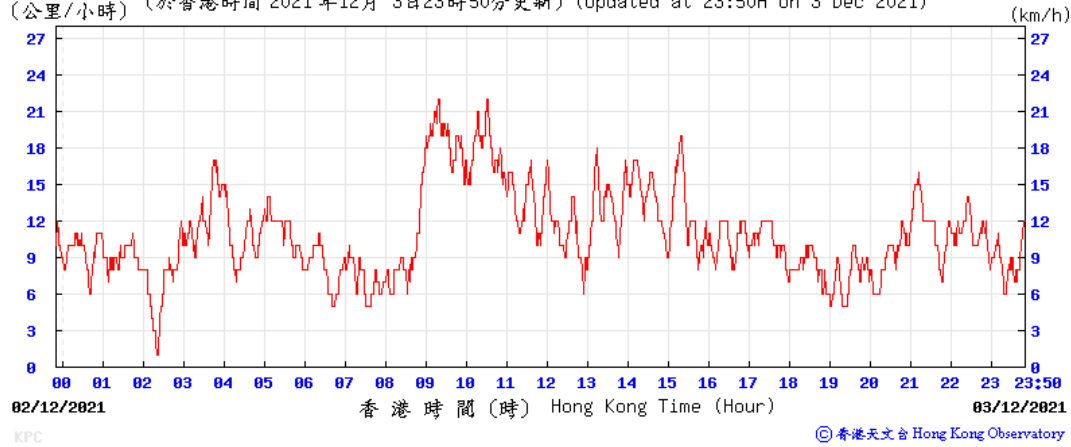
## Wind Speed recorded at King's Park Meteorological Station on 2 December 2021

(公里/小時) (於香港時間 2021 年12月 2日23時50分更新) (Updated at 23:50H on 2 Dec 2021)



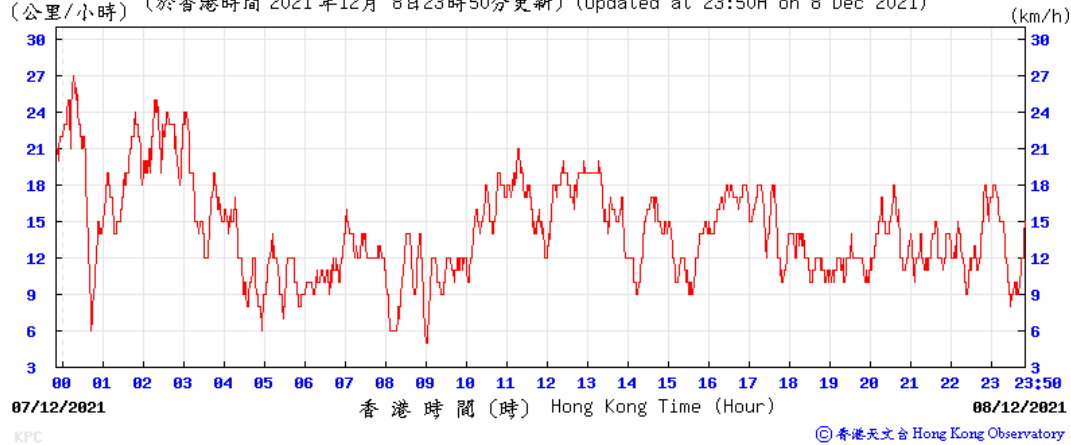
## Wind Speed recorded at King's Park Meteorological Station on 3 December 2021

(公里/小時) (於香港時間 2021 年12月 3日23時50分更新) (Updated at 23:50H on 3 Dec 2021)

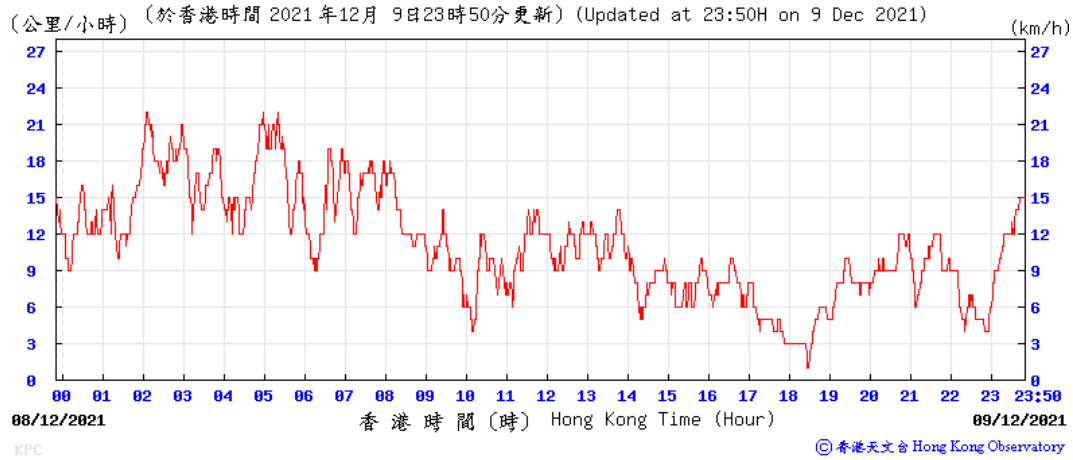


## Wind Speed recorded at King's Park Meteorological Station on 8 December 2021

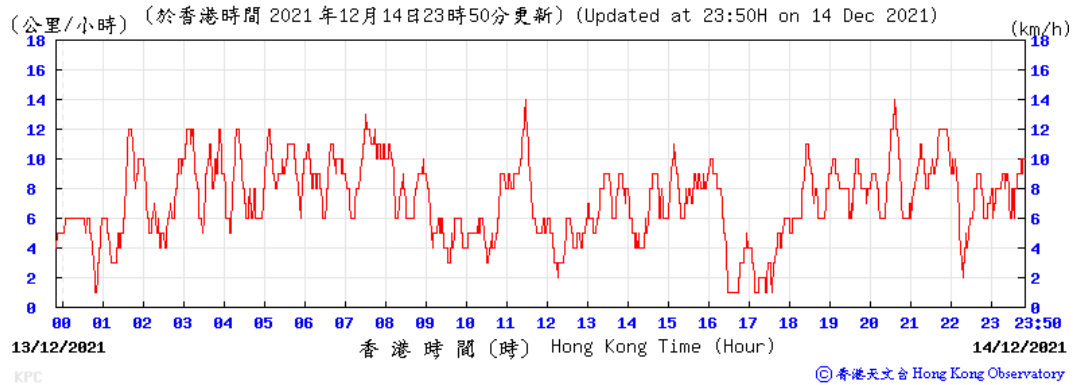
(公里/小時) (於香港時間 2021 年12月 8日23時50分更新) (Updated at 23:50H on 8 Dec 2021)



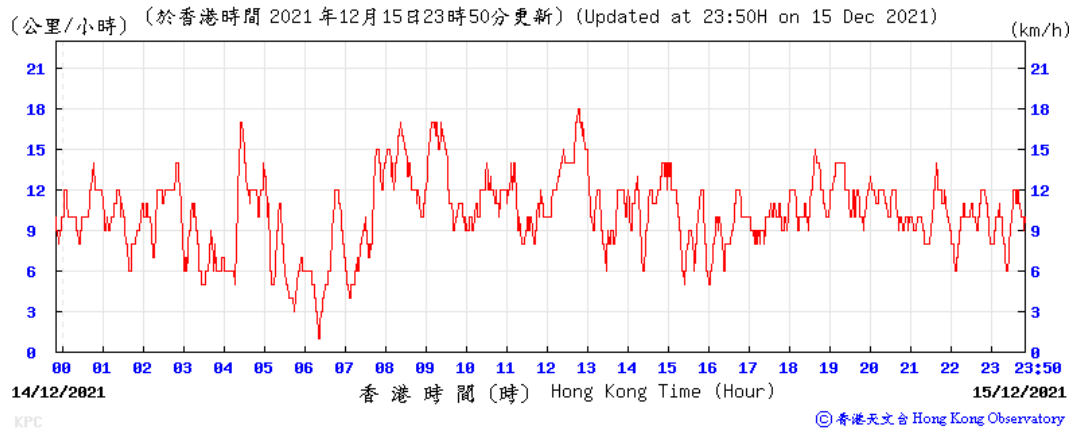
## Wind Speed recorded at King's Park Meteorological Station on 9 December 2021



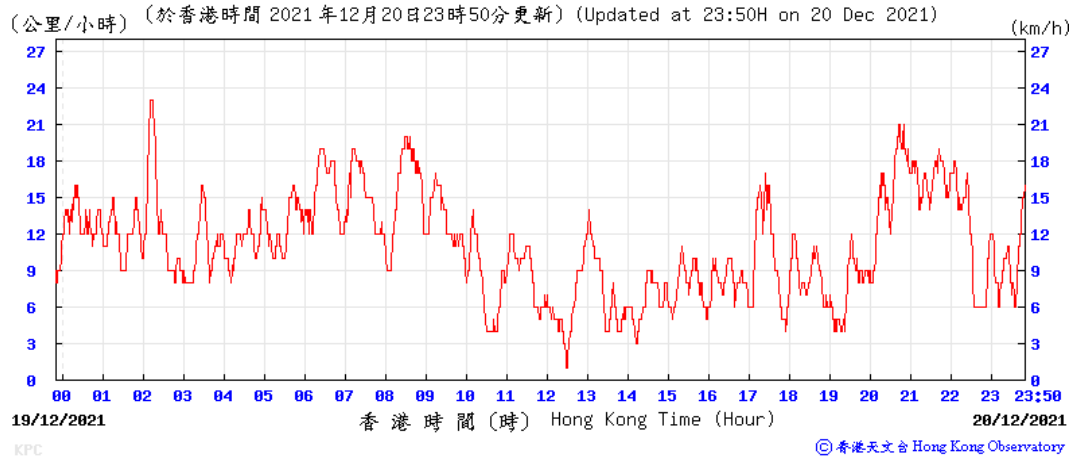
## Wind Speed recorded at King's Park Meteorological Station on 14 December 2021



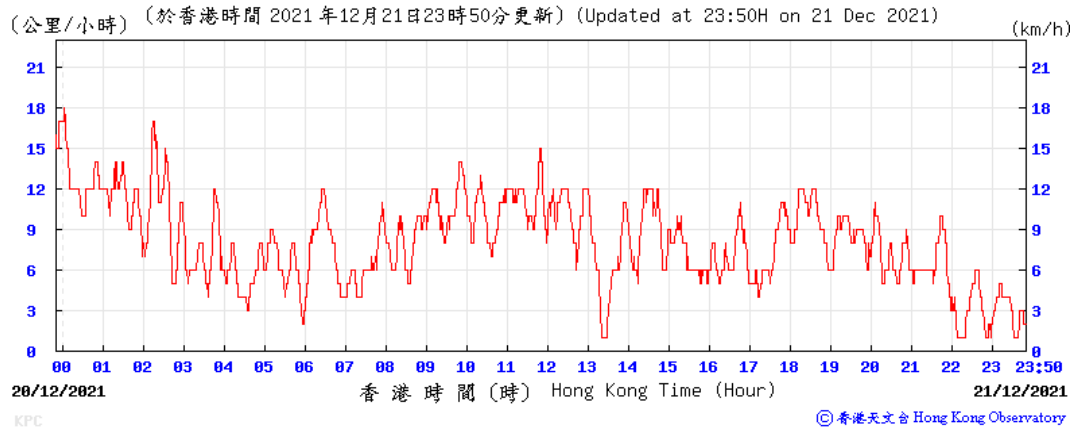
## Wind Speed recorded at King's Park Meteorological Station on 15 December 2021



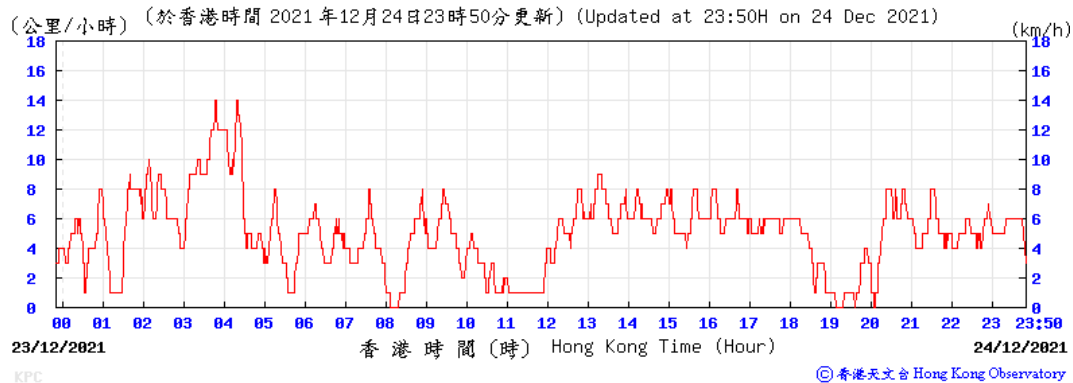
## Wind Speed recorded at King's Park Meteorological Station on 20 December 2021



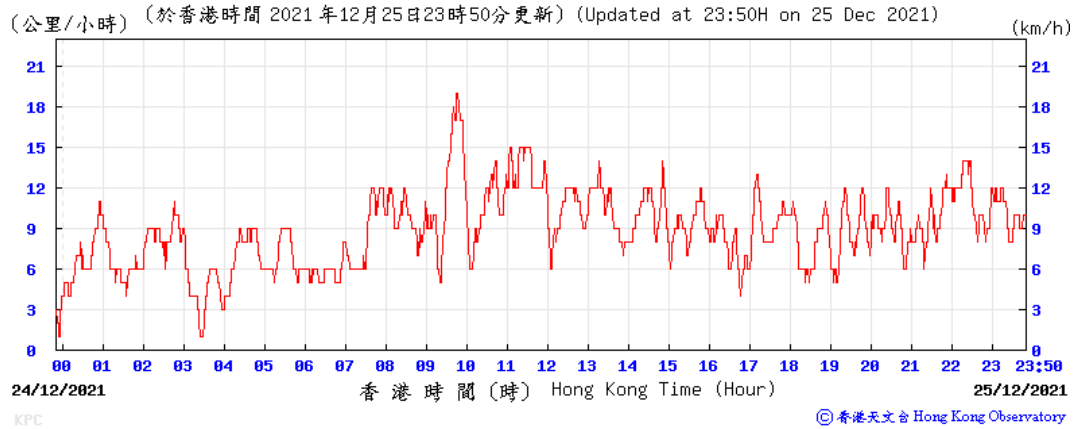
## Wind Speed recorded at King's Park Meteorological Station on 21 December 2021



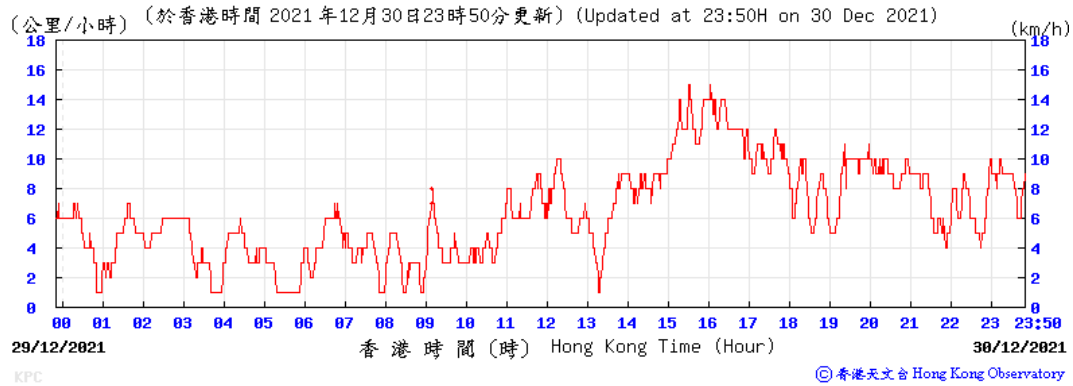
## Wind Speed recorded at King's Park Meteorological Station on 24 December 2021



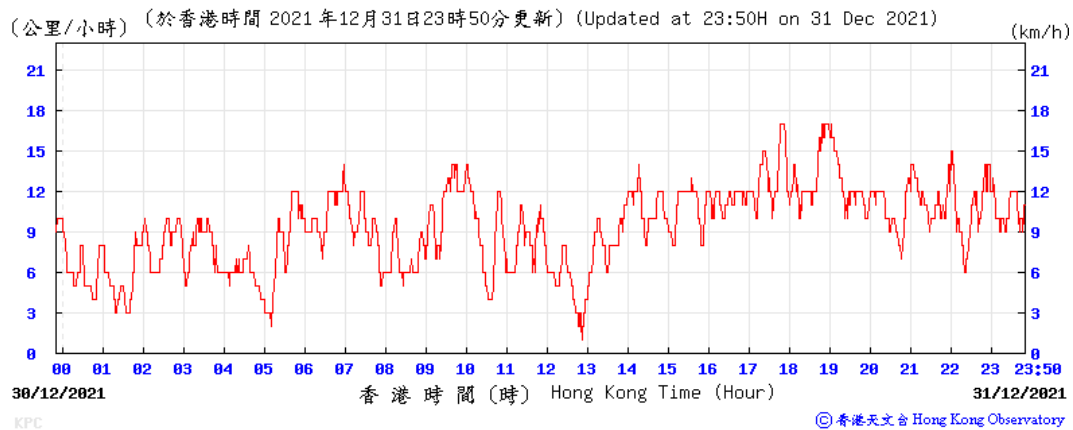
## Wind Speed recorded at King's Park Meteorological Station on 25 December 2021



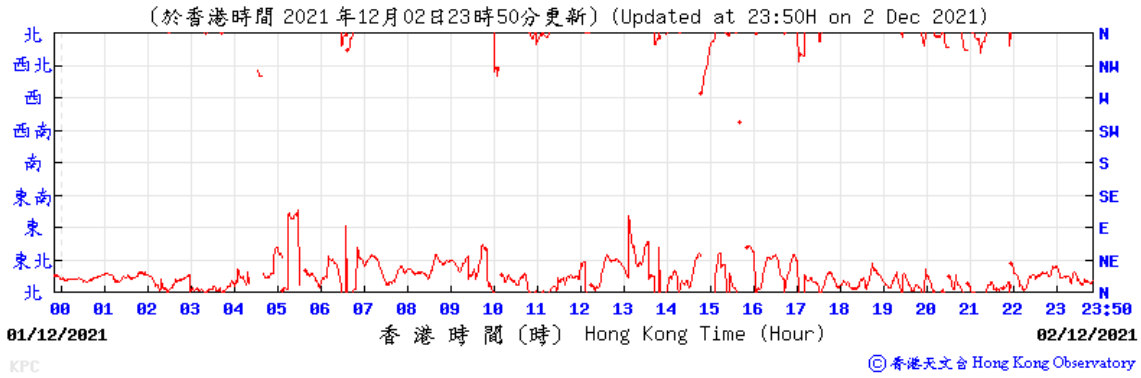
## Wind Speed recorded at King's Park Meteorological Station on 30 December 2021



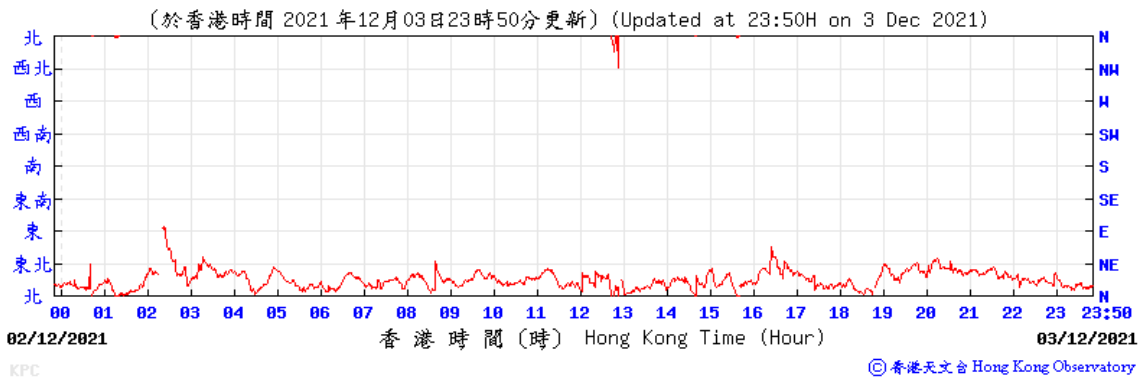
## Wind Speed recorded at King's Park Meteorological Station on 31 December 2021



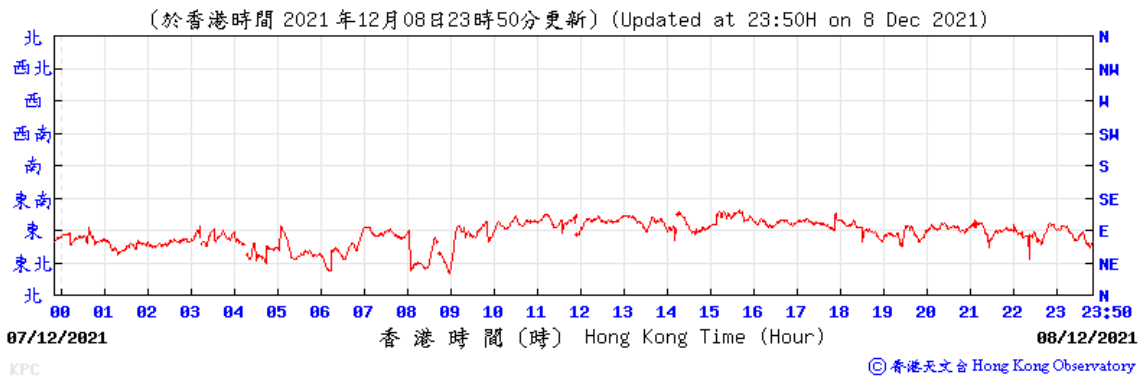
### Wind Direction recorded at King's Park Meteorological Station on 2 December 2021



### Wind Direction recorded at King's Park Meteorological Station on 3 December 2021

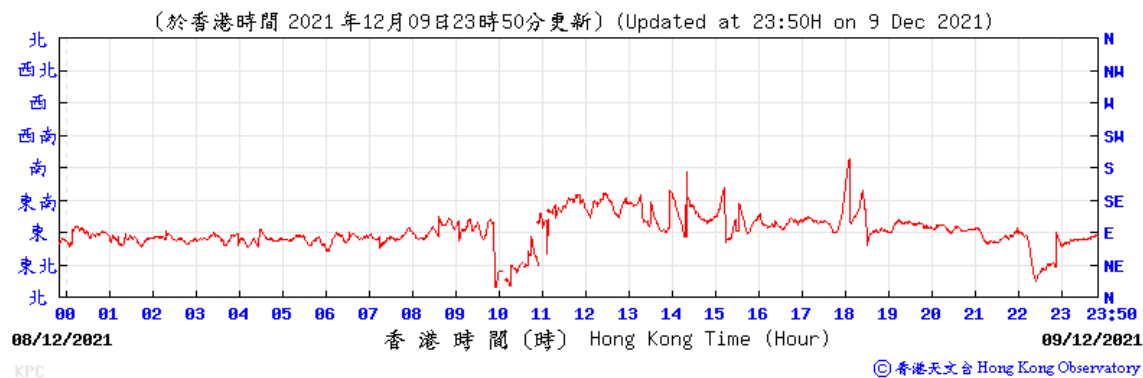


### Wind Direction recorded at King's Park Meteorological Station on 8 December 2021

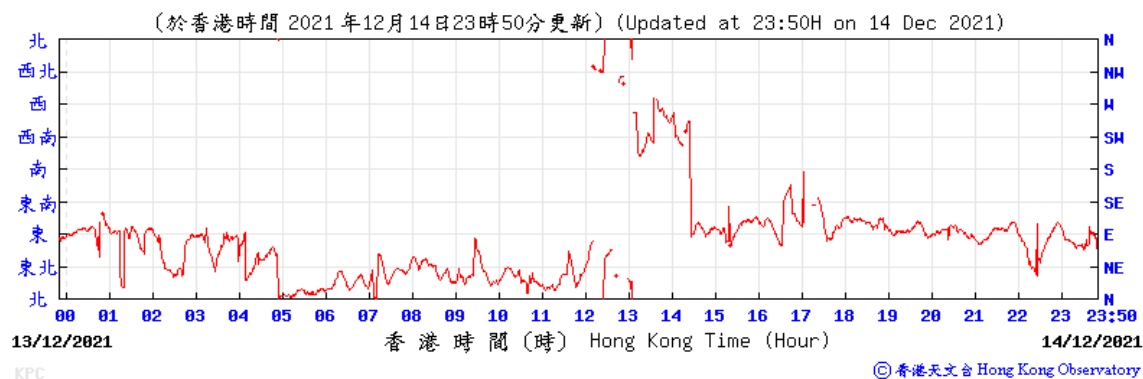




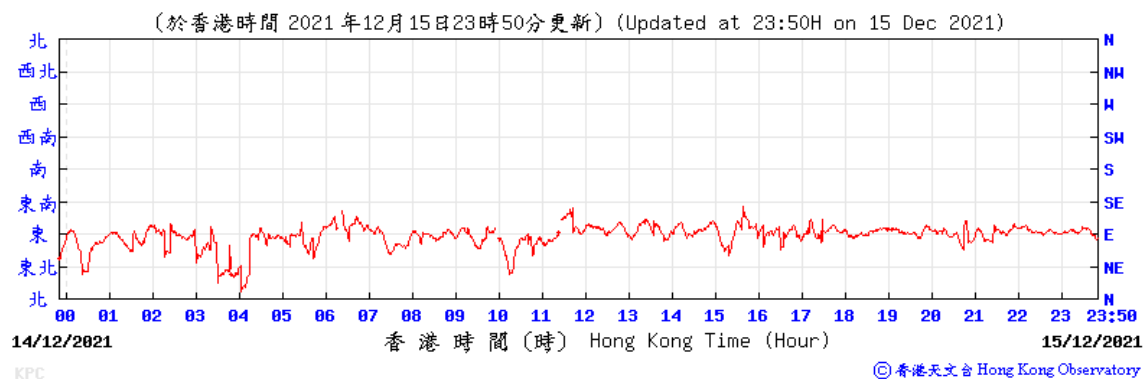
### Wind Direction recorded at King's Park Meteorological Station on 9 December 2021



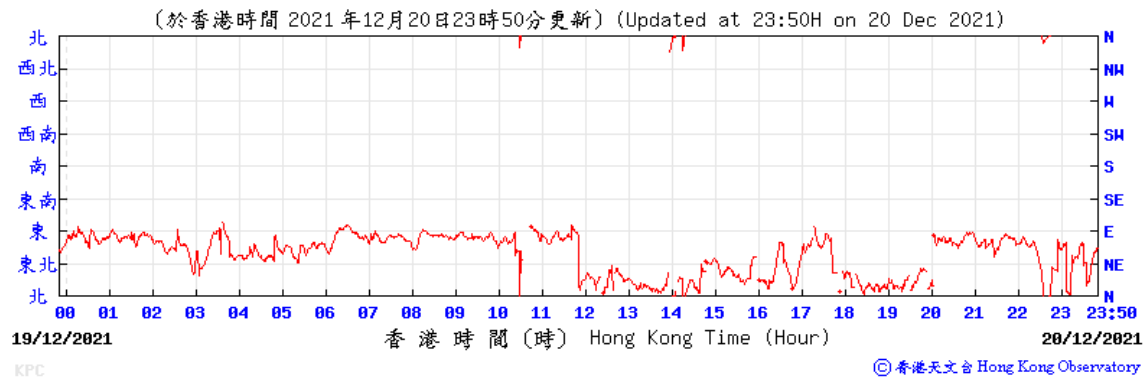
### Wind Direction recorded at King's Park Meteorological Station on 14 December 2021



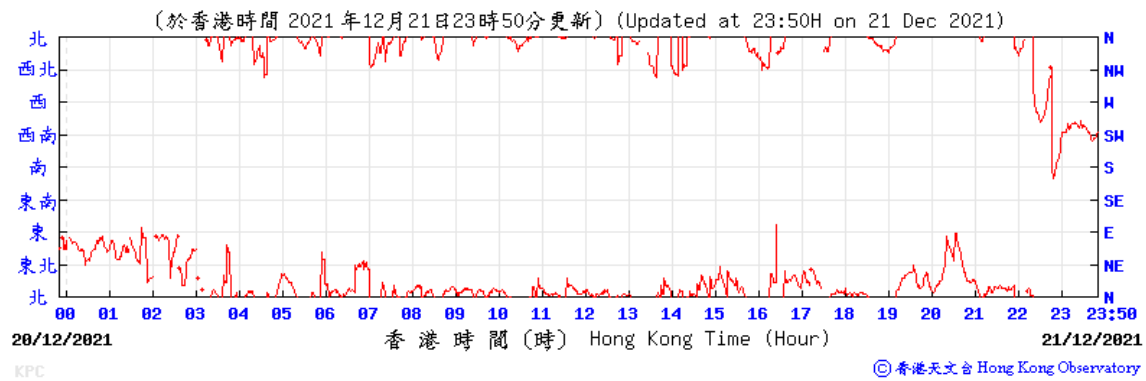
### Wind Direction recorded at King's Park Meteorological Station on 15 December 2021



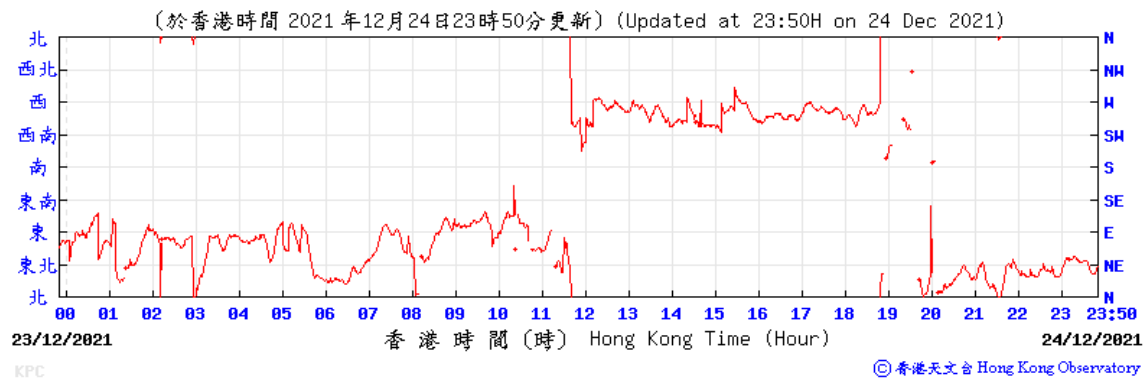
## Wind Direction recorded at King's Park Meteorological Station on 20 December 2021



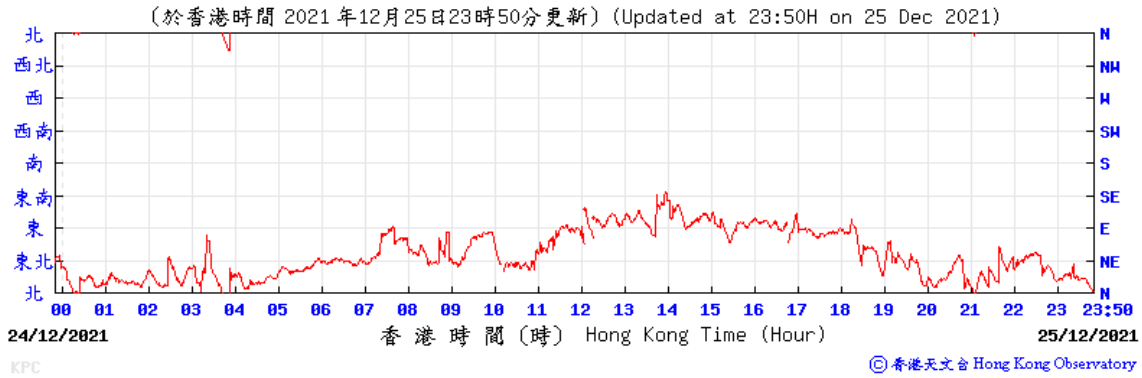
## Wind Direction recorded at King's Park Meteorological Station on 21 December 2021



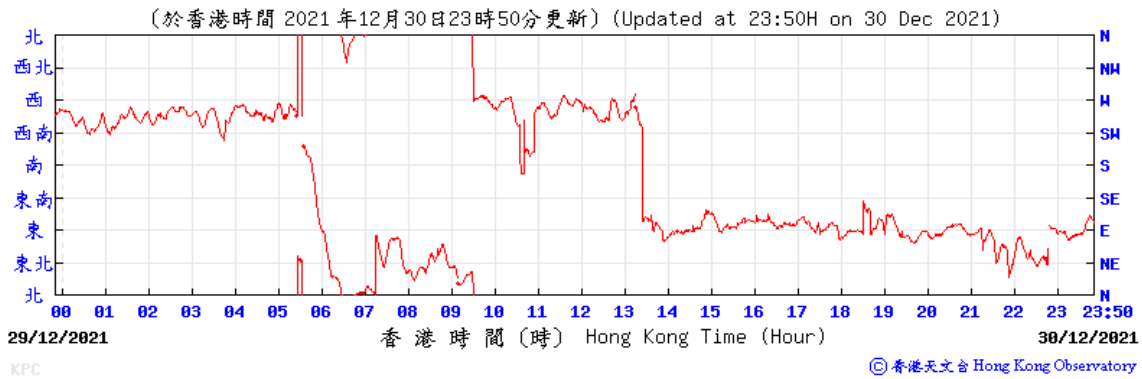
## Wind Direction recorded at King's Park Meteorological Station on 24 December 2021



### Wind Direction recorded at King's Park Meteorological Station on 25 December 2021



### Wind Direction recorded at King's Park Meteorological Station on 30 December 2021



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