

Appendix G

Construction Dust Monitoring

Results and Meteorological

Observations

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

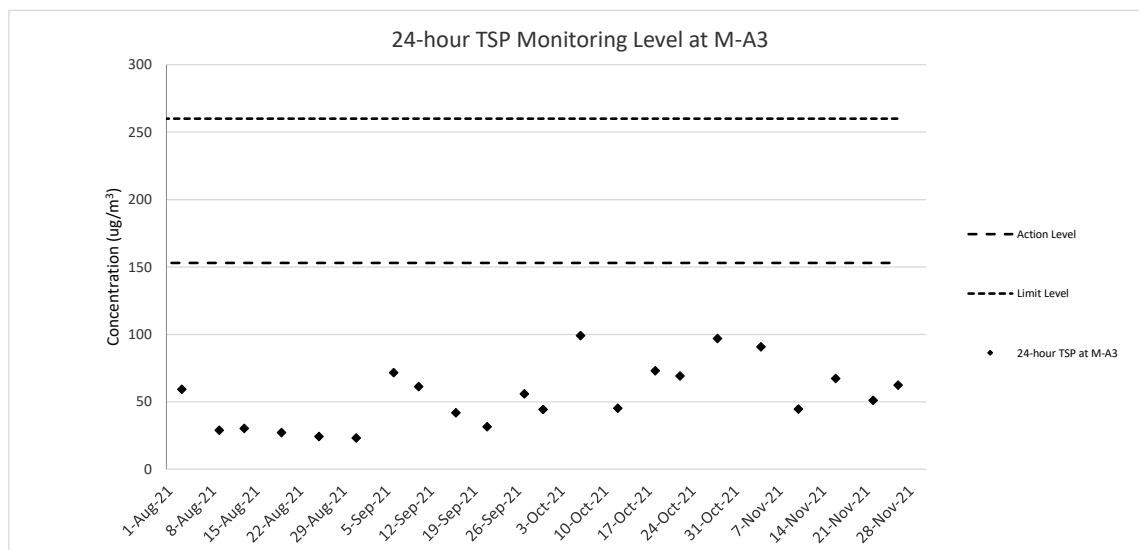
M-A3 - SKH Tsoi Kung Po Secondary School

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time (hrs)	Flow Rate (m ³ /min.)		Average flow (m ³ /min)	Total volume (m ³)	Conc. (ug/m ³)	Action Level (ug/m ³)	Limit Level (ug/m ³)
				Initial	Final			Initial	Final					
4-Nov-21	Sunny	298.5	761.2	2.7043	2.8683	0.1640	24	1.26	1.26	1.26	1808.0	91	153	260
10-Nov-21	Fine	293.5	764.1	2.6573	2.7383	0.0810	24	1.27	1.26	1.26	1818.0	45		
16-Nov-21	Fine	296.2	762.8	2.7224	2.8474	0.1250	24	1.26	1.32	1.29	1860.8	67		
22-Nov-21	Fine	292.6	762.8	2.6763	2.7690	0.0927	24	1.27	1.26	1.26	1818.7	51		
26-Nov-21	Sunny	294.6	763.9	2.7635	2.8765	0.1130	24	1.27	1.26	1.26	1816.0	62		
												Min	45	
												Max	91	
												Average	63	

Note:

Underline: Exceedance of Action Level

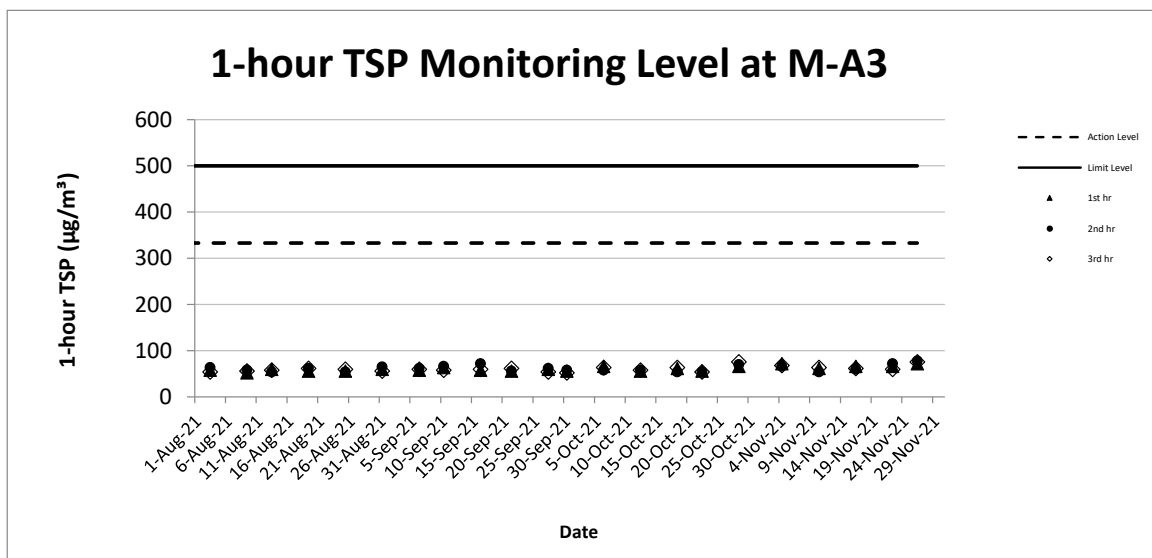
Underline and Bold: Exceedance of Limit Level



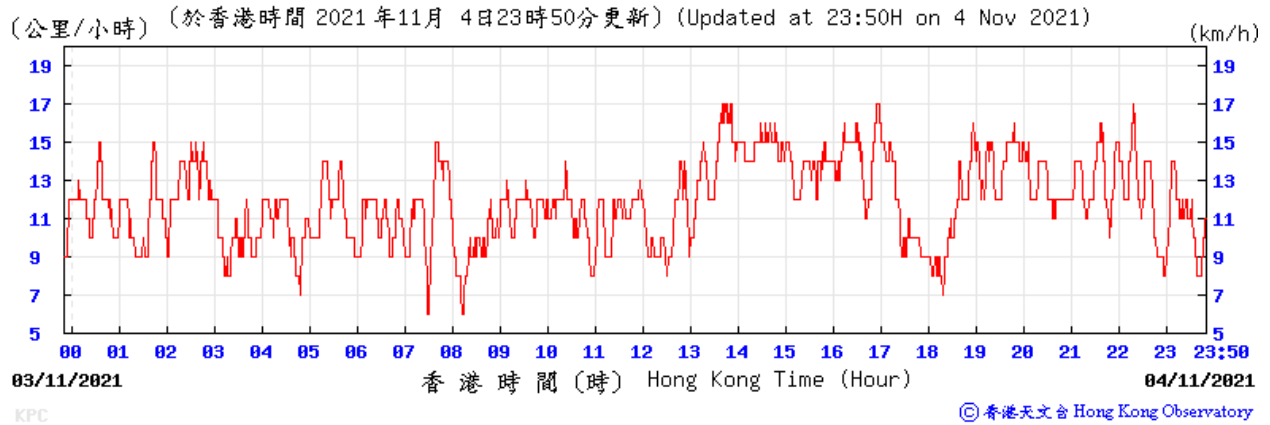
1-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

M-A3 - SKH Tsoi Kung Po Secondary School

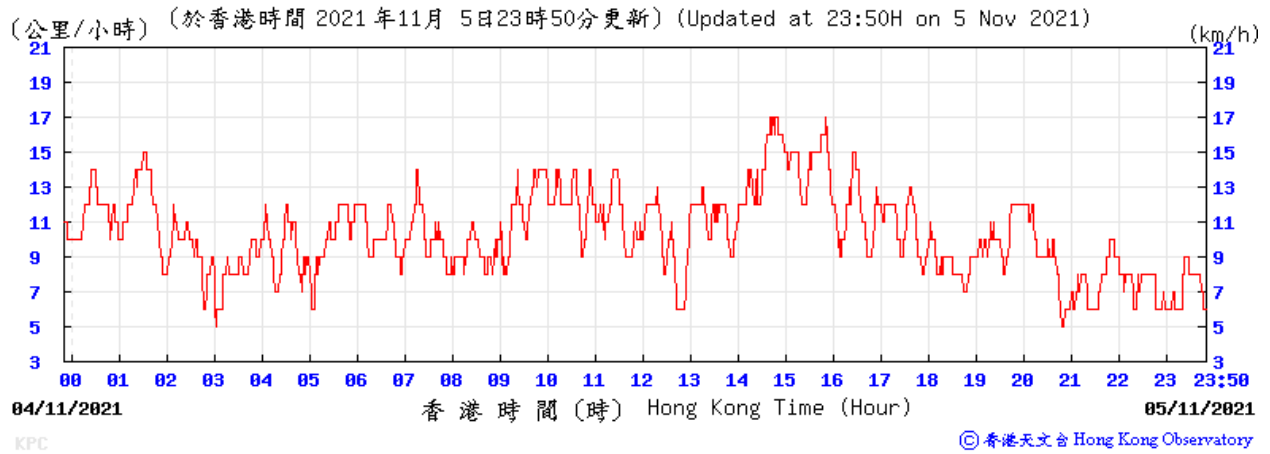
1-hour TSP ($\mu\text{g}/\text{m}^3$)								
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
4-Nov-21	09:11	72	66	68	69	333	500	Sunny
10-Nov-21	08:46	62	54	64	60			Fine
16-Nov-21	09:00	66	60	62	63			Fine
22-Nov-21	13:15	66	72	60	66			Fine
26-Nov-21	13:07	72	78	76	75			Sunny
Average		67						
Max		78						
Min		54						



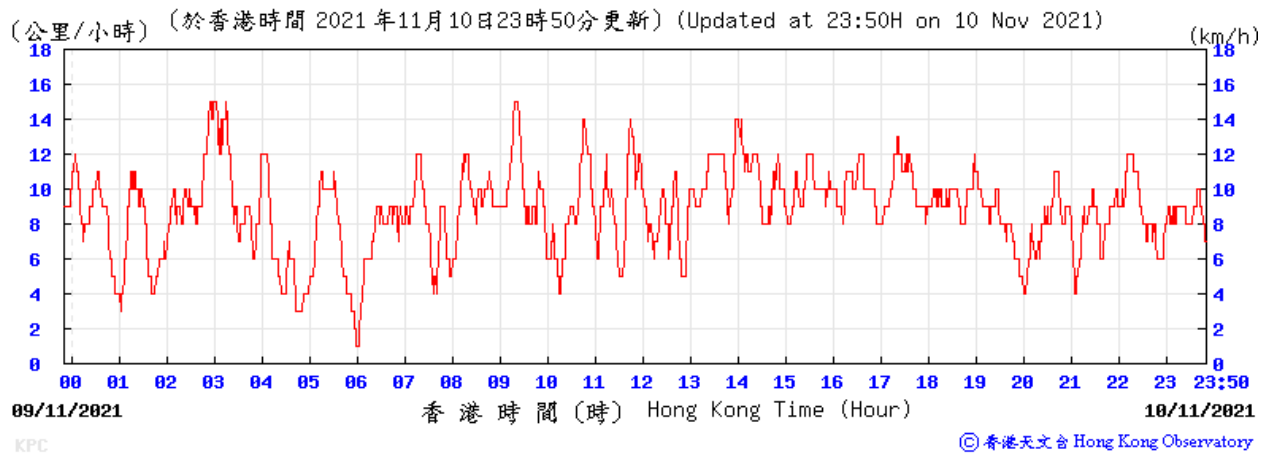
Wind Speed recorded at King's Park Meteorological Station on 4 November 2021



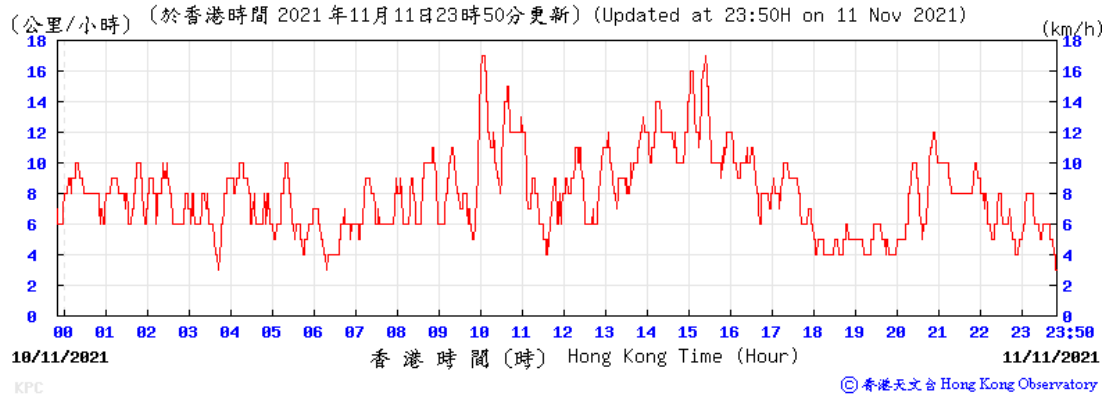
Wind Speed recorded at King's Park Meteorological Station on 5 November 2021



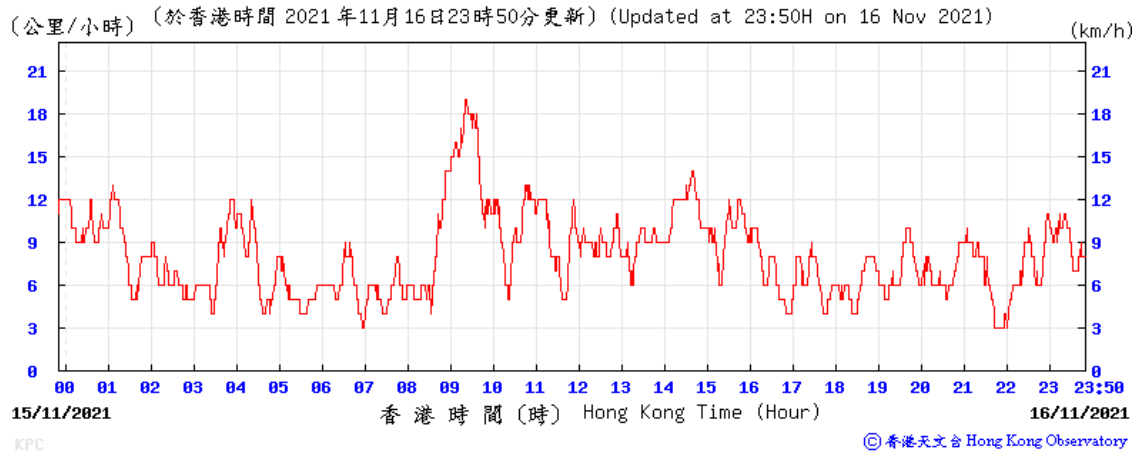
Wind Speed recorded at King's Park Meteorological Station on 10 November 2021



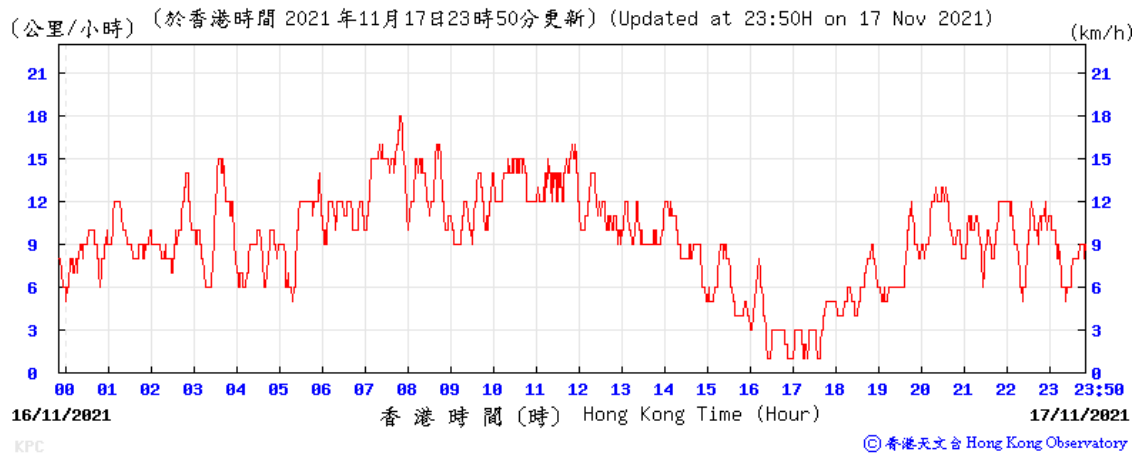
Wind Speed recorded at King's Park Meteorological Station on 11 November 2021



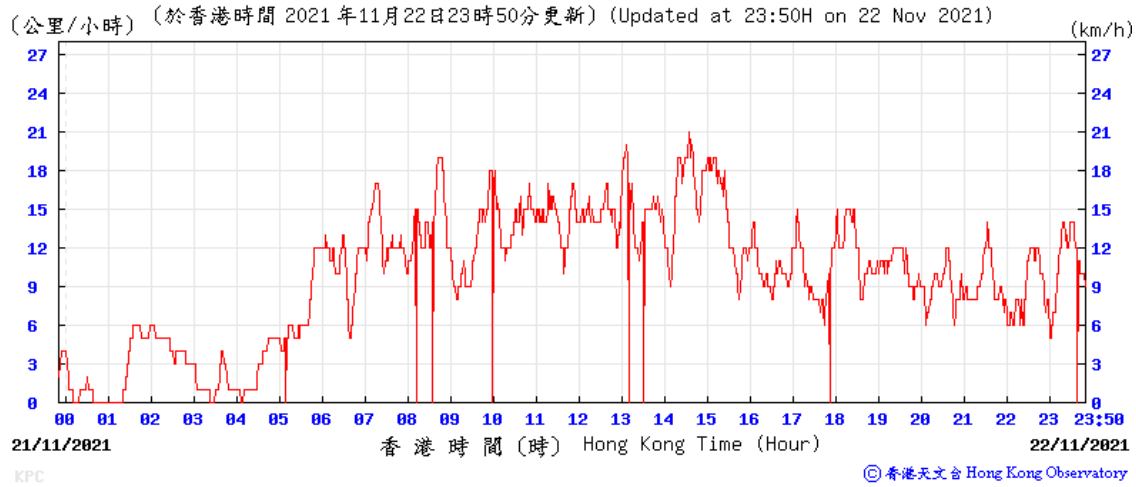
Wind Speed recorded at King's Park Meteorological Station on 16 November 2021



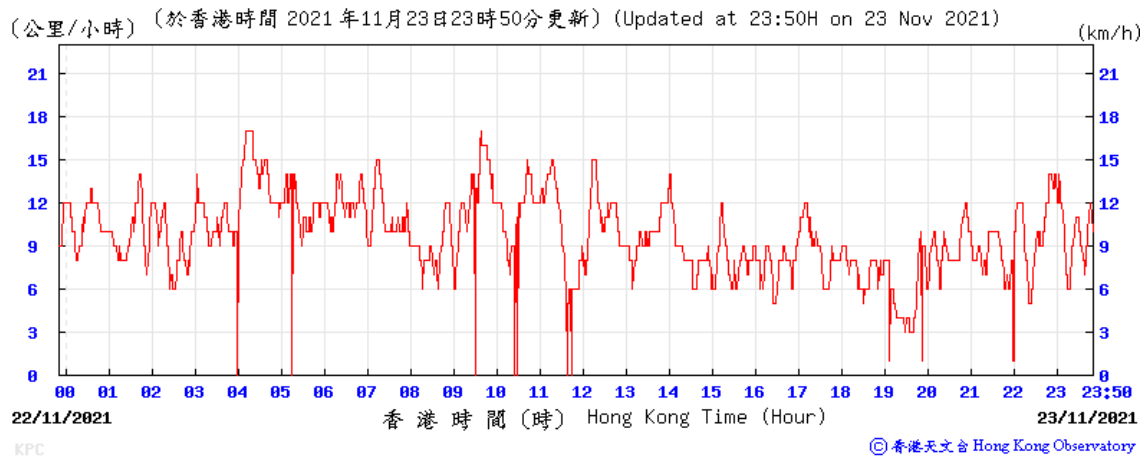
Wind Speed recorded at King's Park Meteorological Station on 17 November 2021



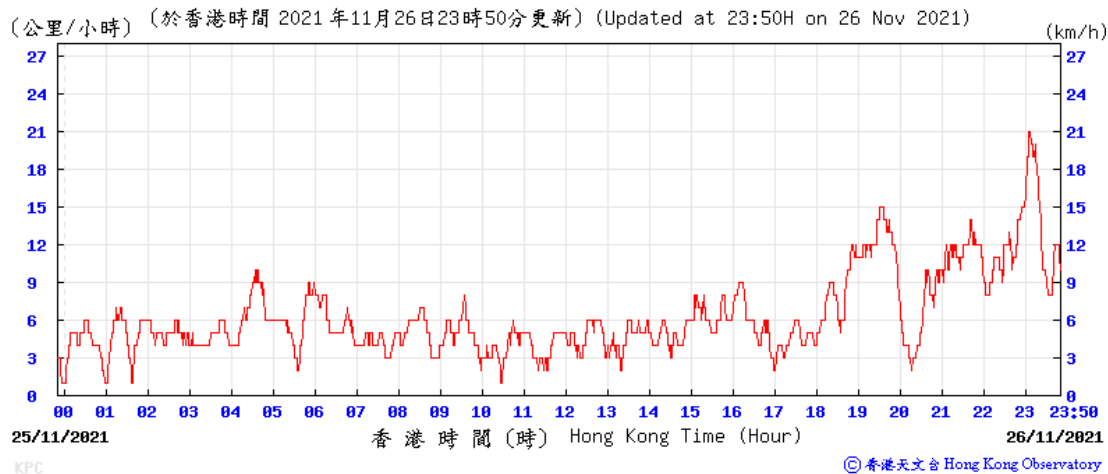
Wind Speed recorded at King's Park Meteorological Station on 22 November 2021



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

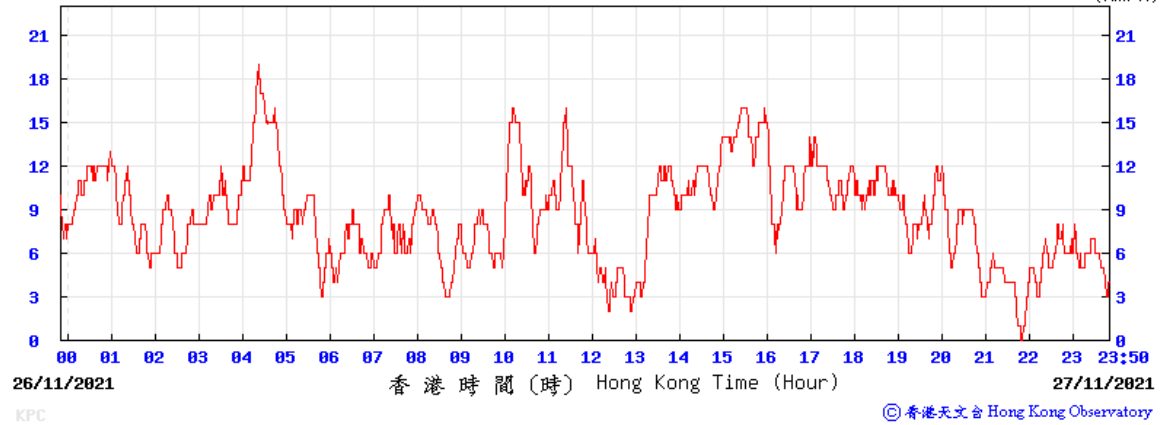


Wind Speed recorded at King's Park Meteorological Station on 26 November 2021

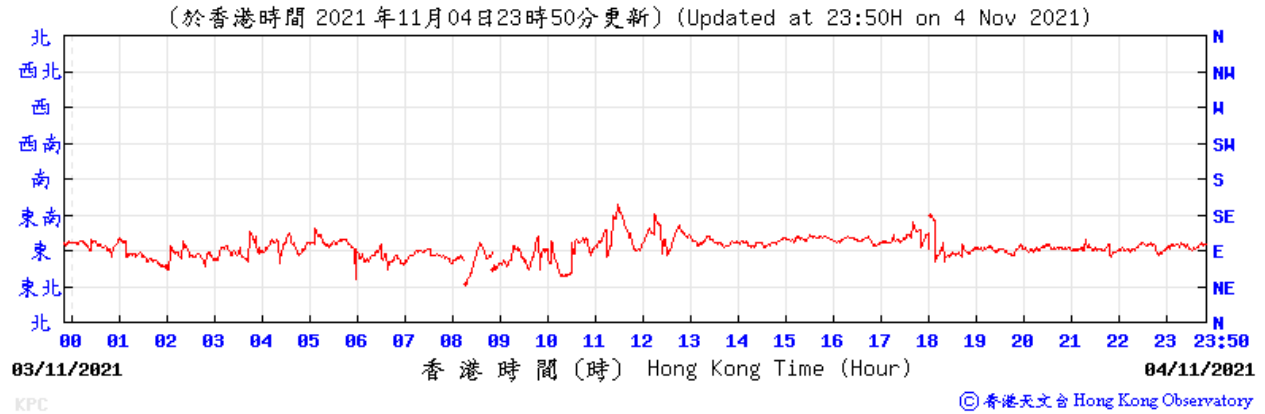


Wind Speed recorded at King's Park Meteorological Station on 27 November 2021

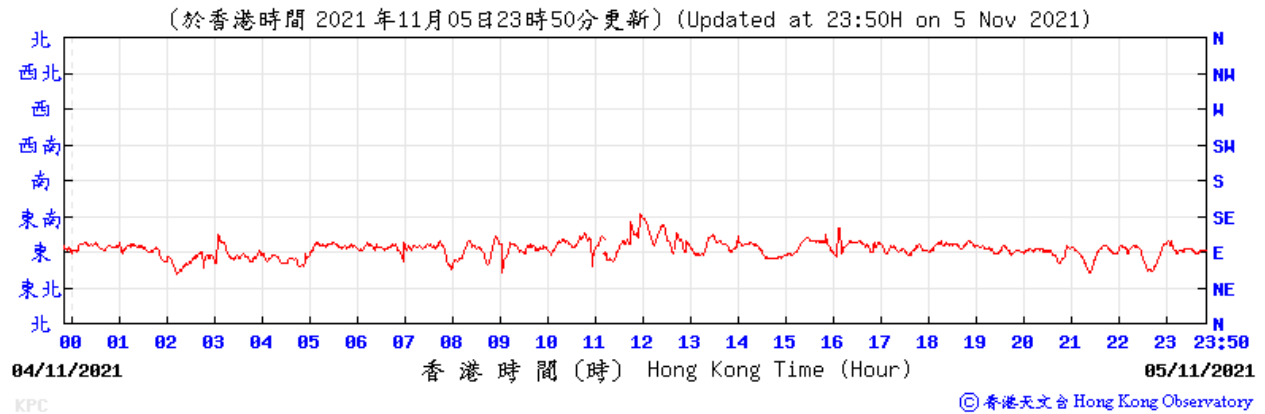
(公里/小時) (於香港時間 2021 年11月27日23時50分更新) (Updated at 23:50H on 27 Nov 2021) (km/h)



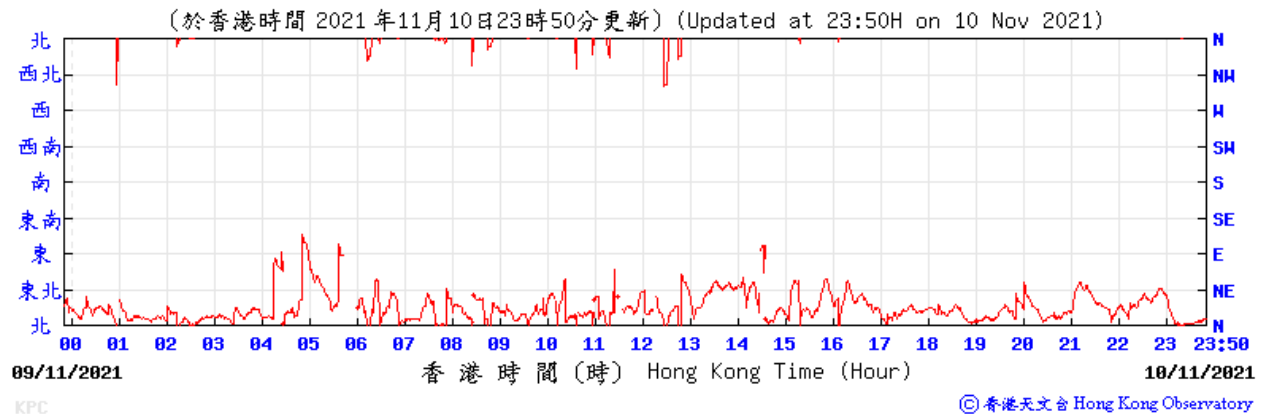
Wind Direction recorded at King's Park Meteorological Station on 4 November 2021



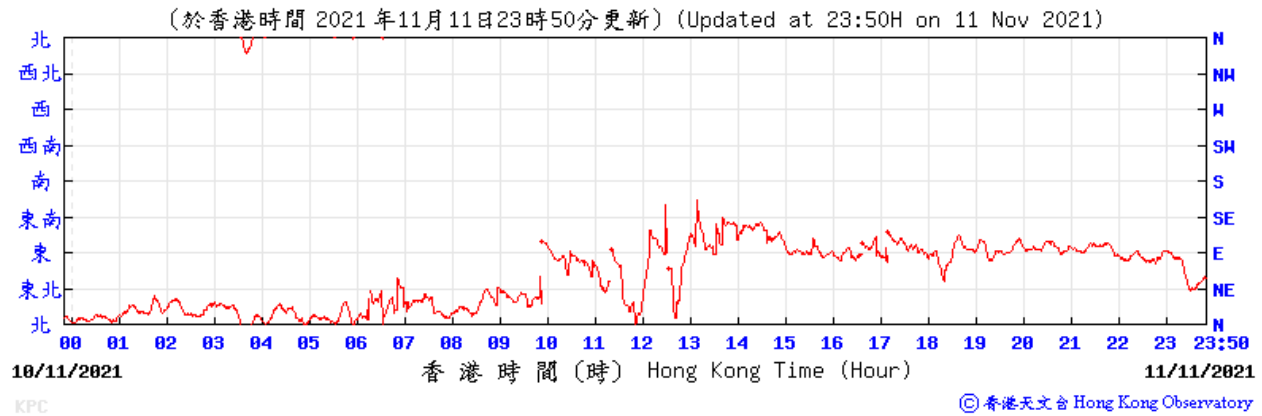
Wind Direction recorded at King's Park Meteorological Station on 5 November 2021



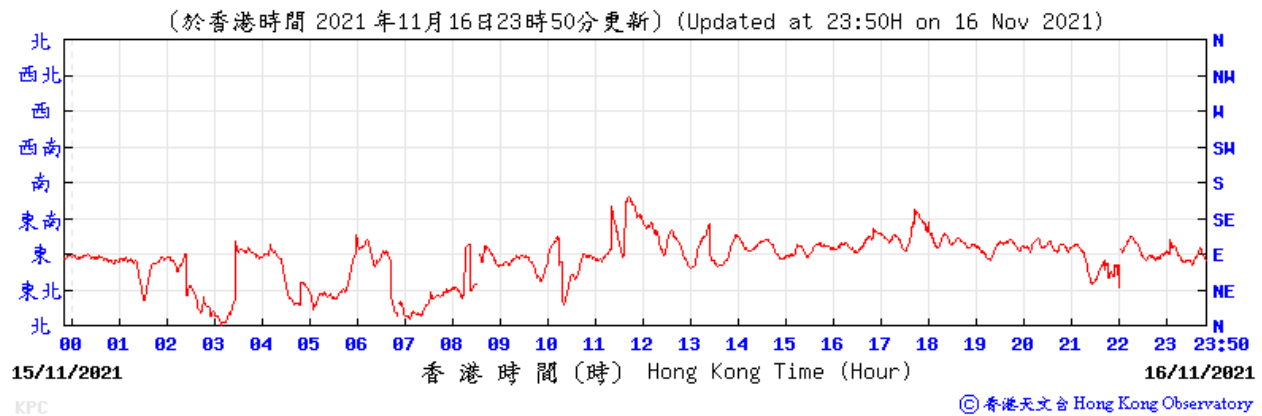
Wind Direction recorded at King's Park Meteorological Station on 10 November 2021



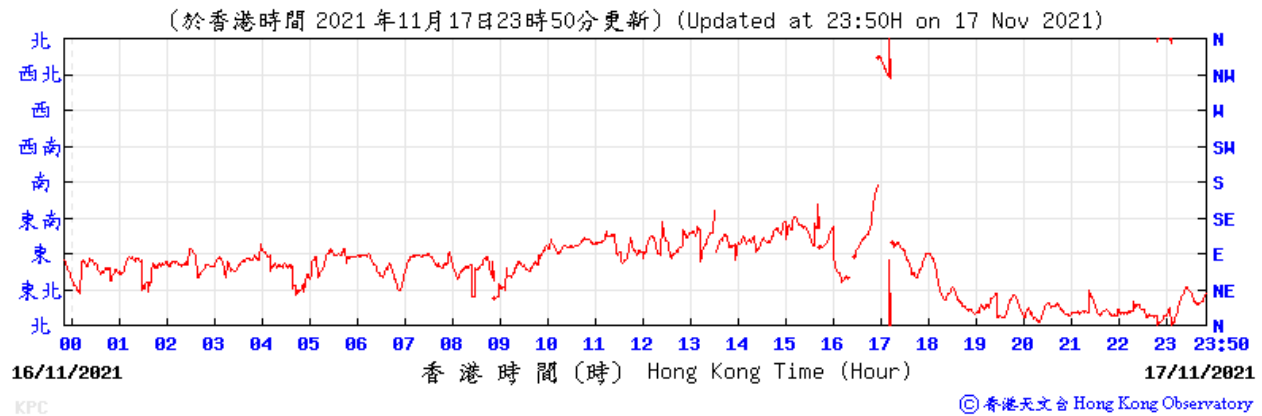
Wind Direction recorded at King's Park Meteorological Station on 11 November 2021



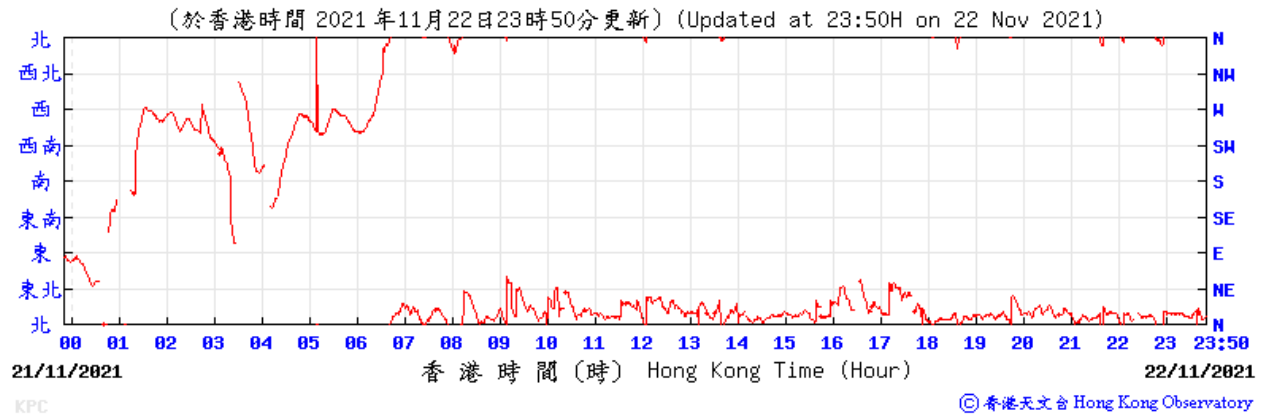
Wind Direction recorded at King's Park Meteorological Station on 16 November 2021



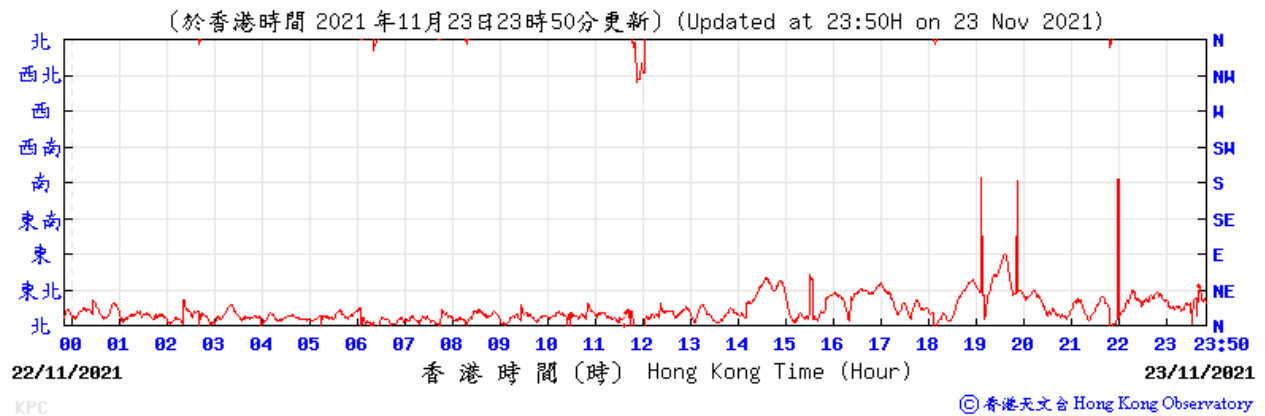
Wind Direction recorded at King's Park Meteorological Station on 17 November 2021



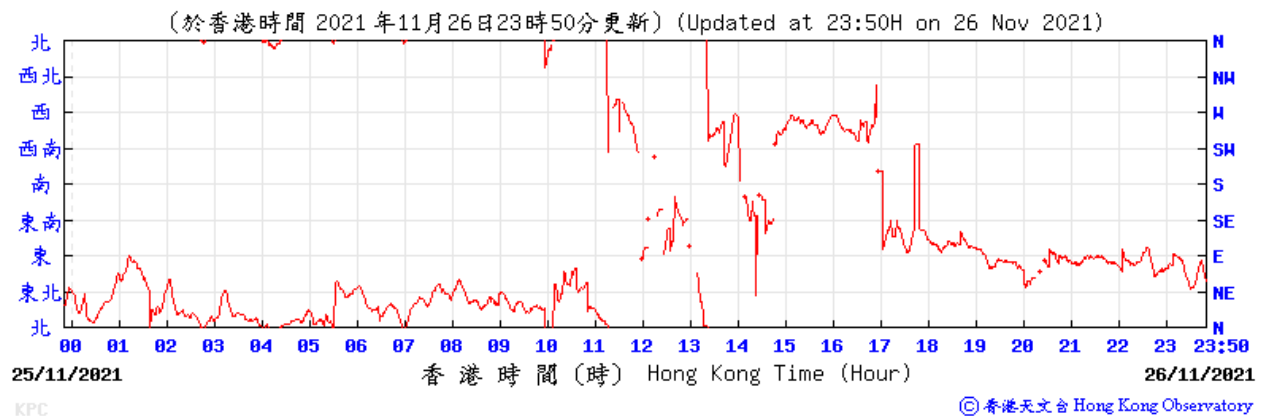
Wind Direction recorded at King's Park Meteorological Station on 22 November 2021



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



Wind Direction recorded at King's Park Meteorological Station on 26 November 2021



Wind Direction recorded at King's Park Meteorological Station on 27 November 2021

