

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**

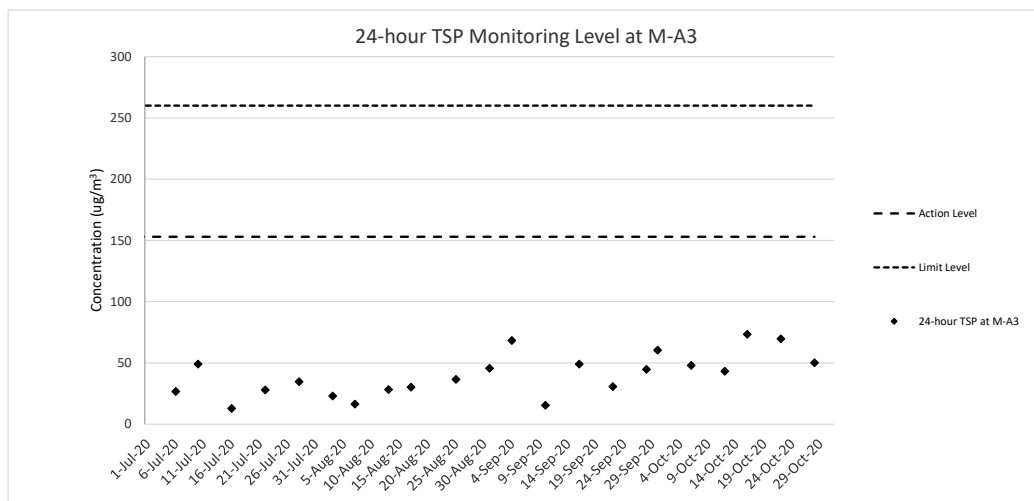
M-A3 - SKH Tsoi Kung Po Secondary School

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					
6-Oct-20	Fine	298.9	760.4	2.6845	2.7873	0.1028	24	1.49	1.49	1.49	2141.9	48	153	260
12-Oct-20	Fine	301	756.6	2.6630	2.7497	0.0867	24	1.30	1.49	1.40	2009.4	43		
16-Oct-20	Sunny	300	760.3	2.6861	2.8154	0.1293	24	1.13	1.31	1.22	1762.6	73		
22-Oct-20	Fine	297.7	757.1	2.6073	2.7214	0.1141	24	1.14	1.14	1.14	1638.5	70		
28-Oct-20	Fine	297.4	761.2	2.6923	2.7746	0.0823	24	1.14	1.14	1.14	1641.8	50		
												Min	43	
												Max	73	
												Average	57	

Note:

Underline: Exceedance of Action Level

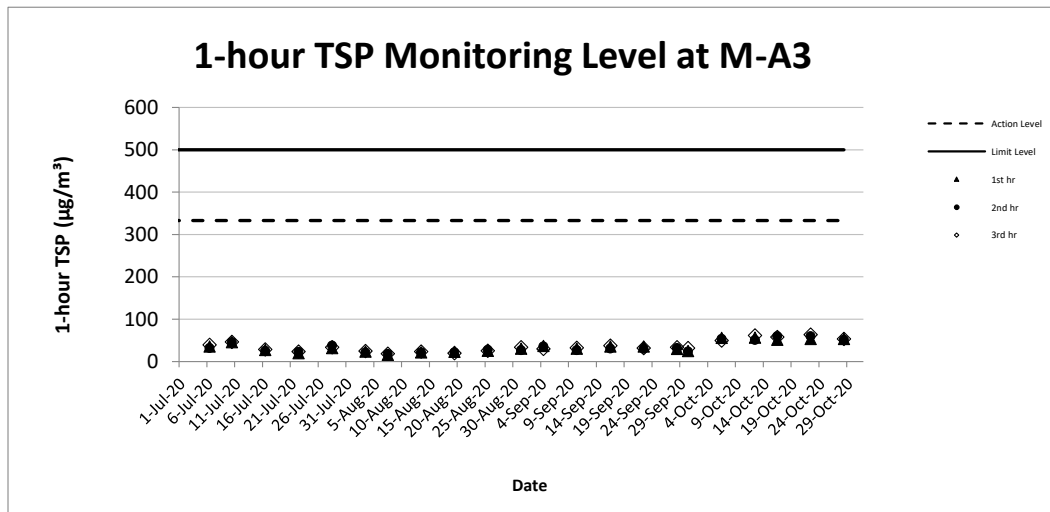
Underline and Bold: Exceedance of Limit Level



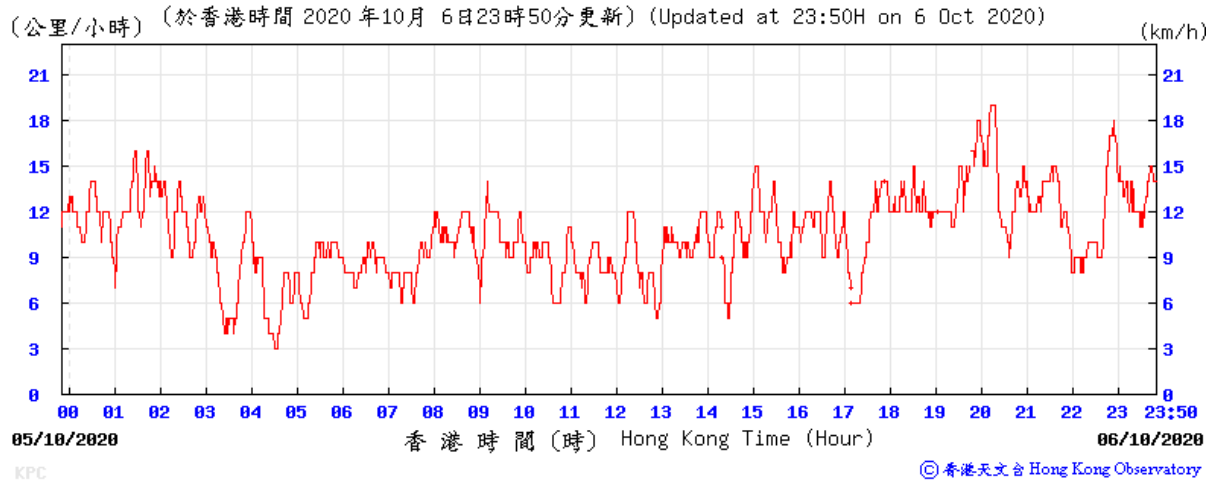
1-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

M-A3 - SKH Tsoi Kung Po Secondary School

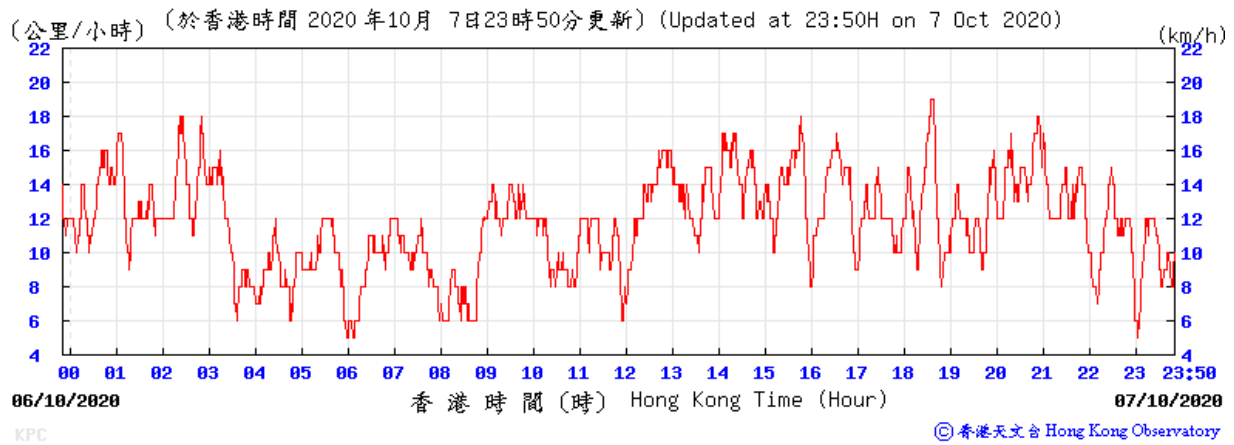
1-hour TSP ($\mu\text{g}/\text{m}^3$)								
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
6-Oct-20	13:30	56	54	50	53	333	500	Fine
12-Oct-20	11:19	57	51	62	57			Sunny
16-Oct-20	09:00	52	60	58	57			Fine
22-Oct-20	09:36	54	60	64	59			Fine
28-Oct-20	09:15	54	52	54	53			Fine
Average		56						
Max		64						
Min		50						



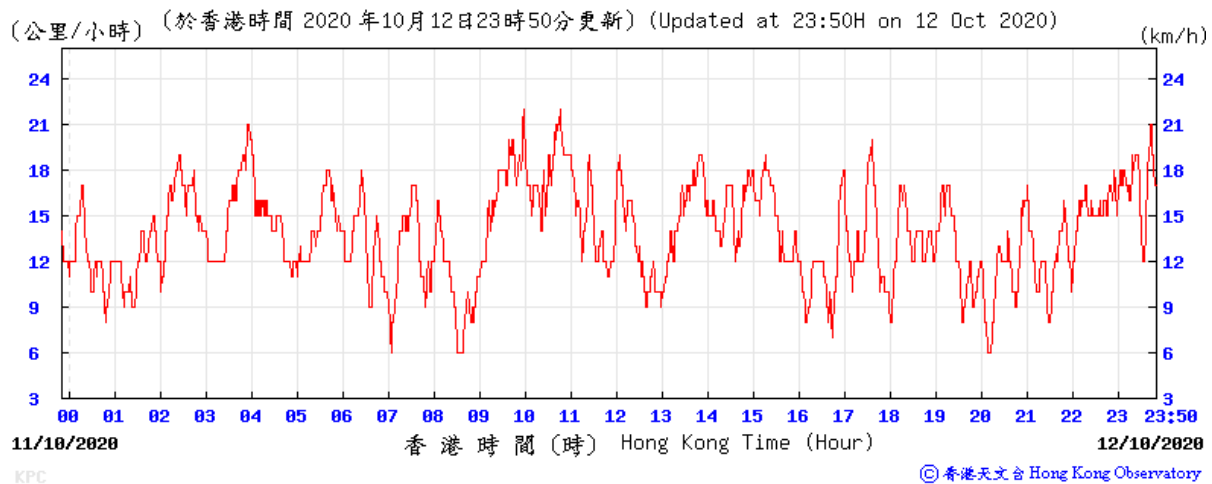
Wind Speed recorded at King's Park Meteorological Station on 6 October 2020



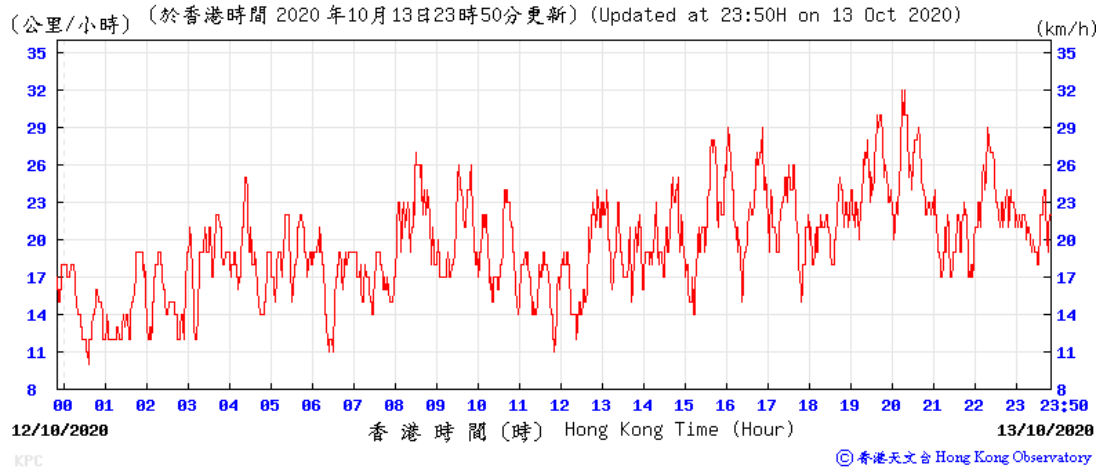
Wind Speed recorded at King's Park Meteorological Station on 7 October 2020



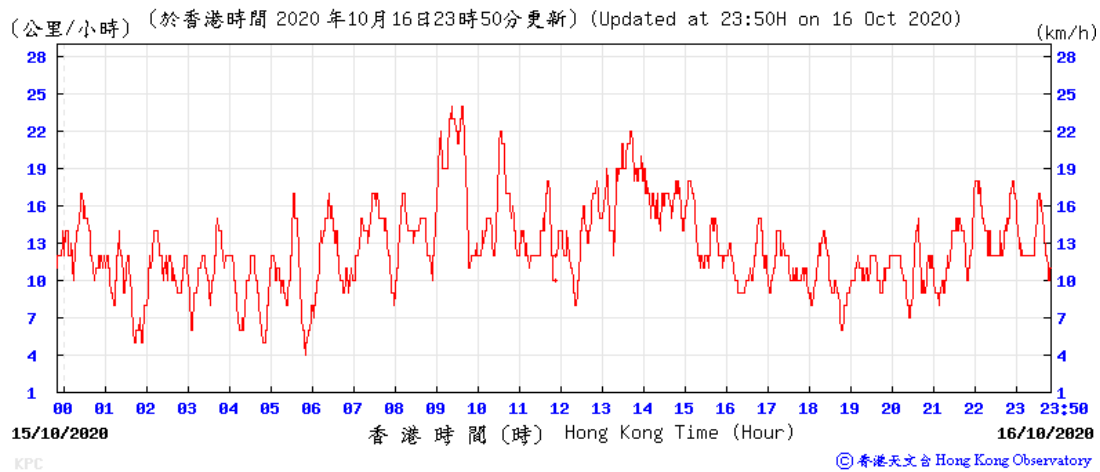
Wind Speed recorded at King's Park Meteorological Station on 12 October 2020



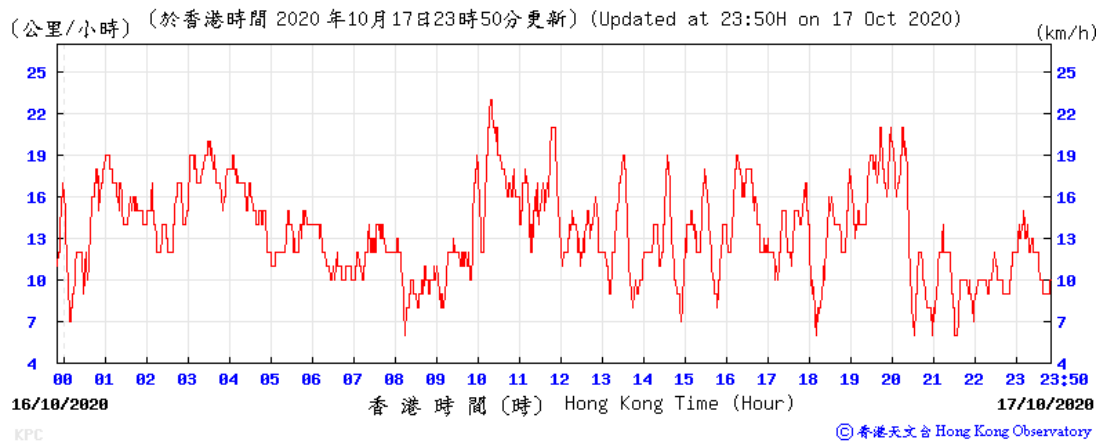
Wind Speed recorded at King's Park Meteorological Station on 13 October 2020



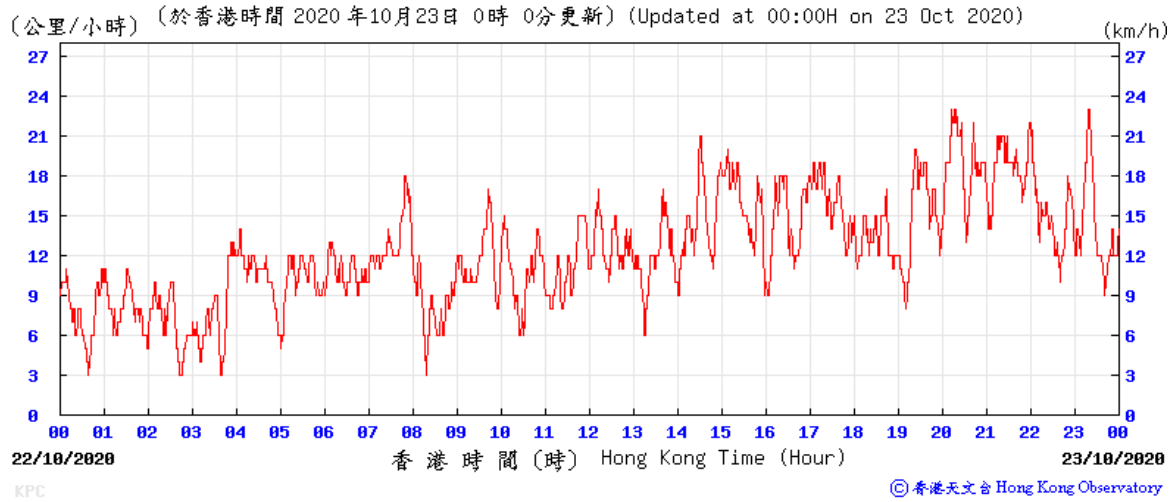
Wind Speed recorded at King's Park Meteorological Station on 16 October 2020



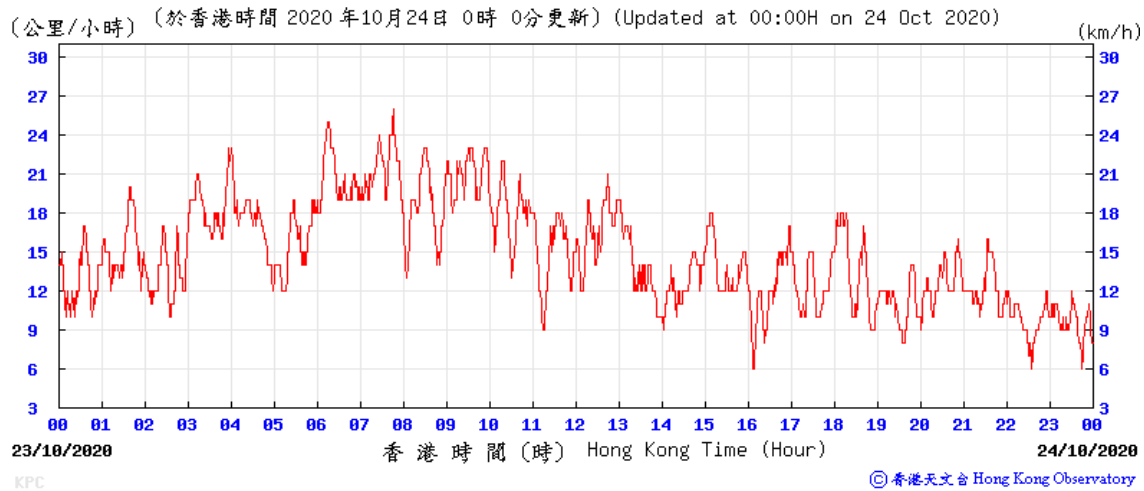
Wind Speed recorded at King's Park Meteorological Station on 17 October 2020



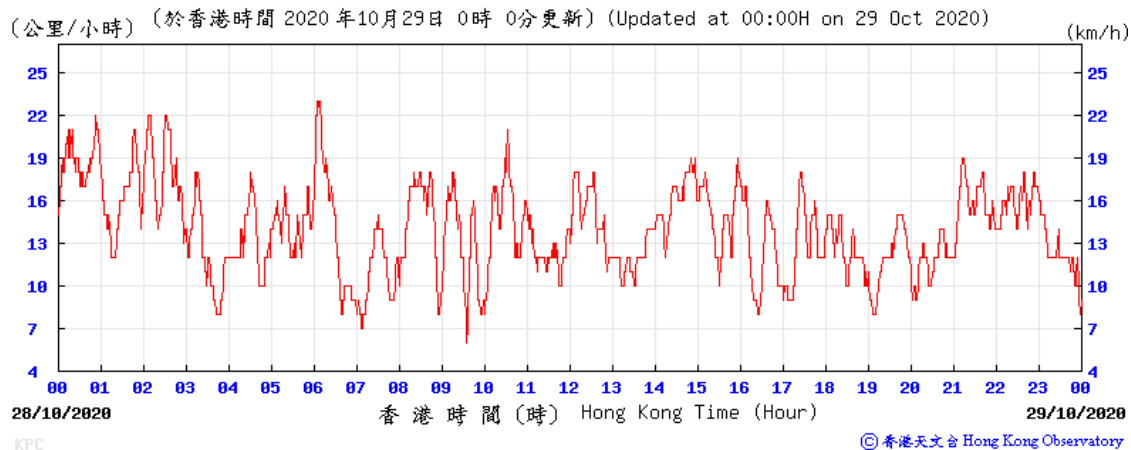
Wind Speed recorded at King's Park Meteorological Station on 22 October 2020



Wind Speed recorded at King's Park Meteorological Station on 23 October 2020

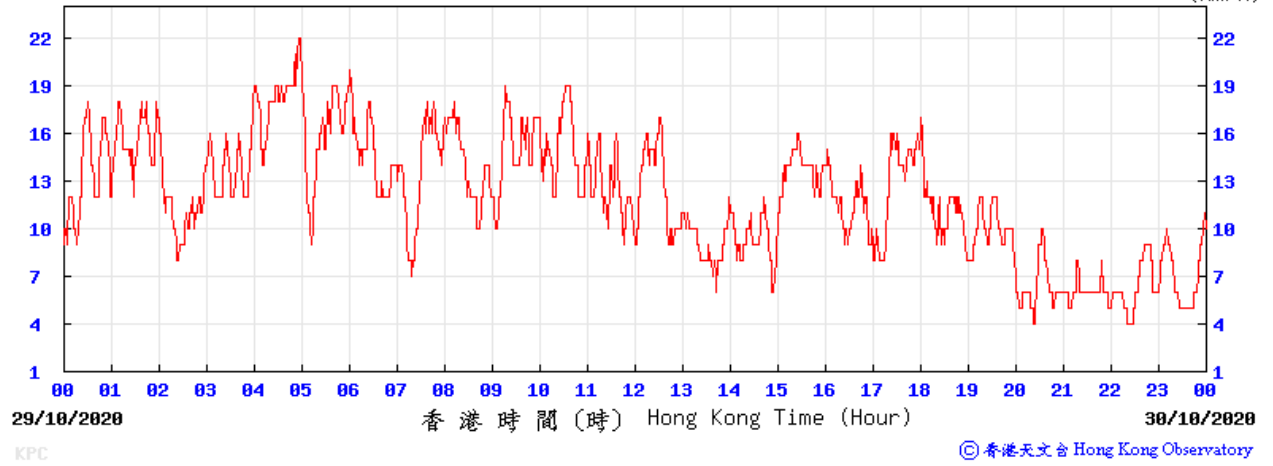


Wind Speed recorded at King's Park Meteorological Station on 28 October 2020

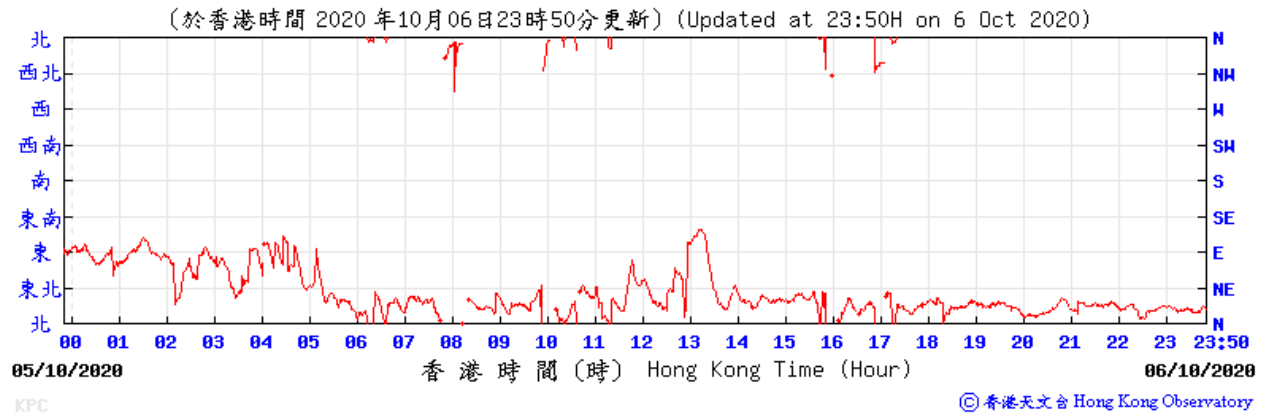


Wind Speed recorded at King's Park Meteorological Station on 29 October 2020

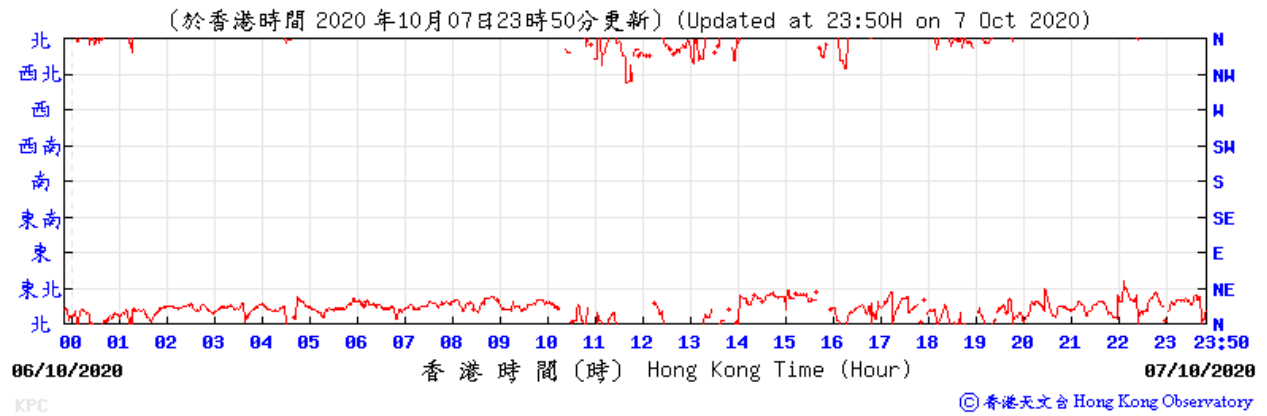
(公里/小時) (於香港時間 2020 年10月30日 0時 0分更新) (Updated at 00:00H on 30 Oct 2020)



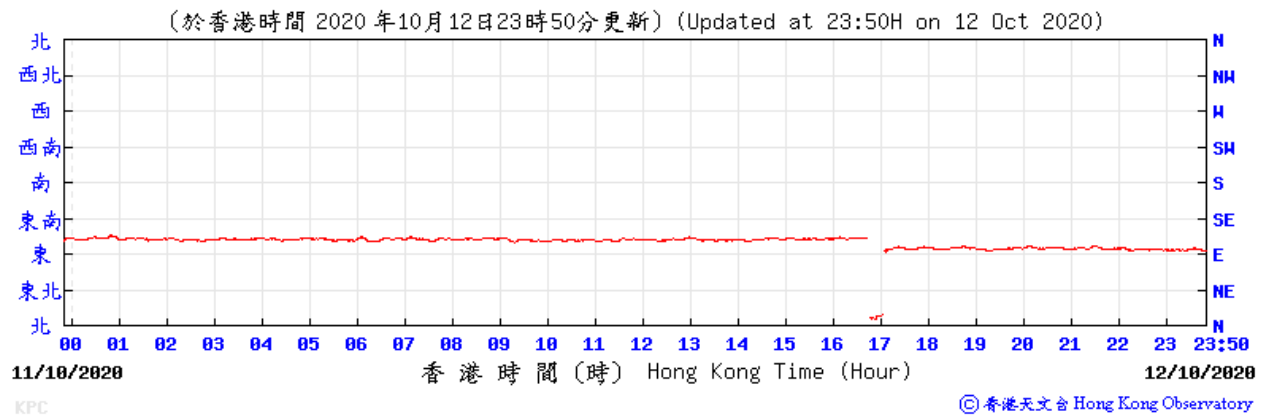
Wind Direction recorded at King's Park Meteorological Station on 6 October 2020



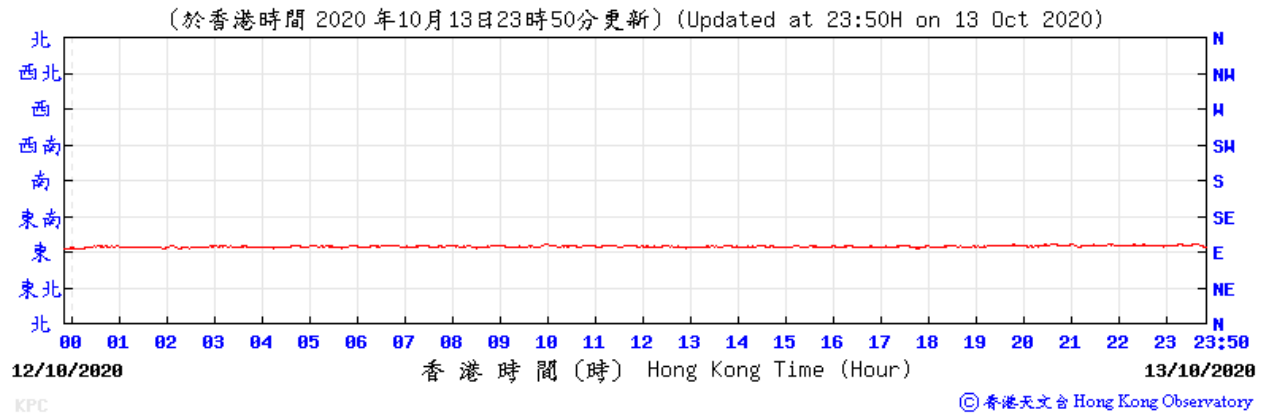
Wind Direction recorded at King's Park Meteorological Station on 7 October 2020



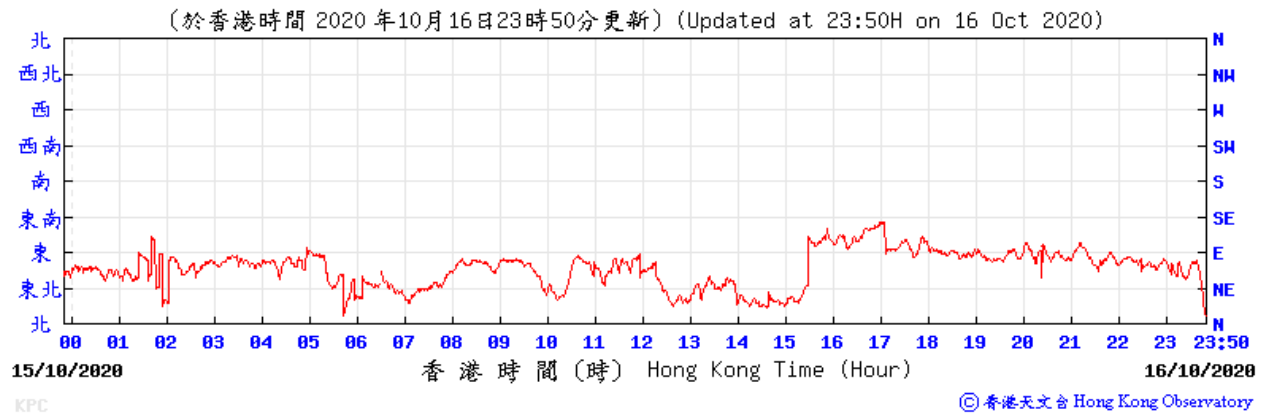
Wind Direction recorded at King's Park Meteorological Station on 12 October 2020



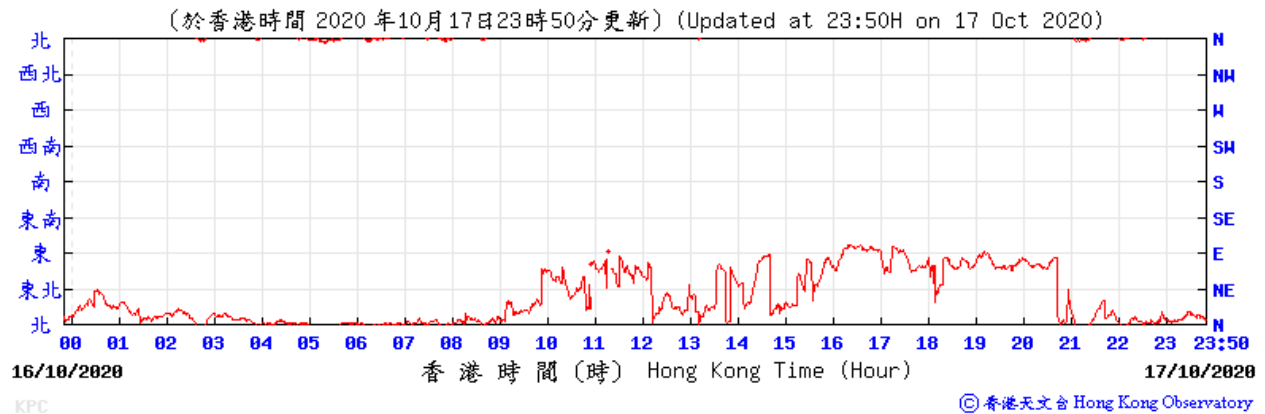
Wind Direction recorded at King's Park Meteorological Station on 13 October 2020



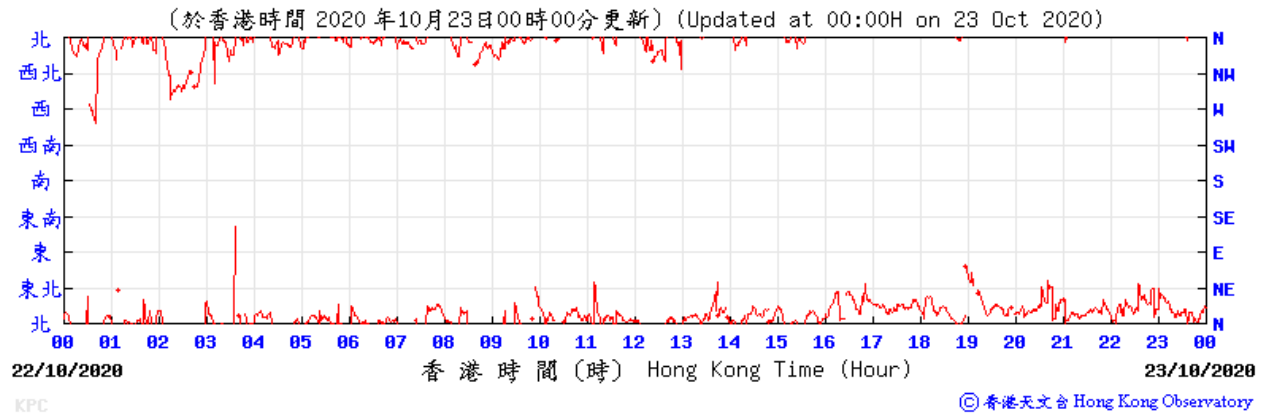
Wind Direction recorded at King's Park Meteorological Station on 16 October 2020



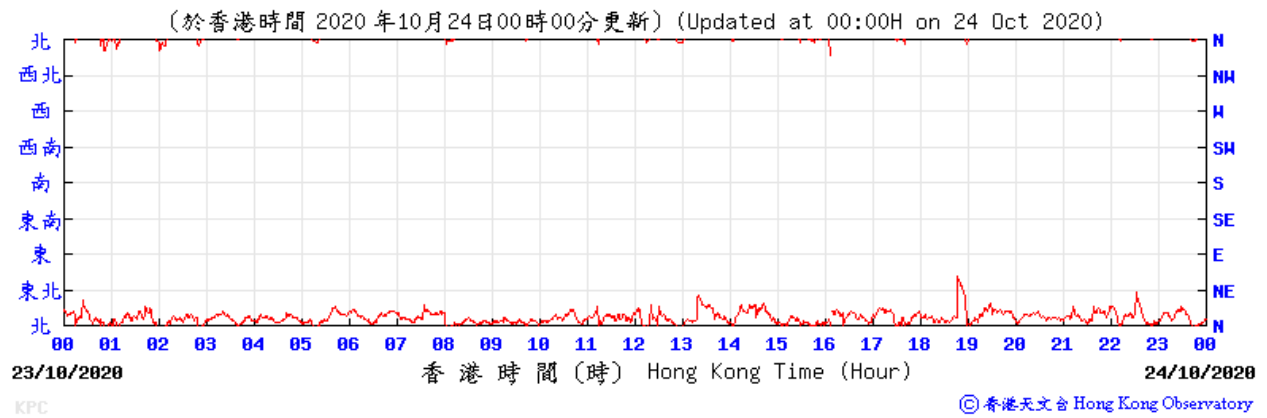
Wind Direction recorded at King's Park Meteorological Station on 17 October 2020



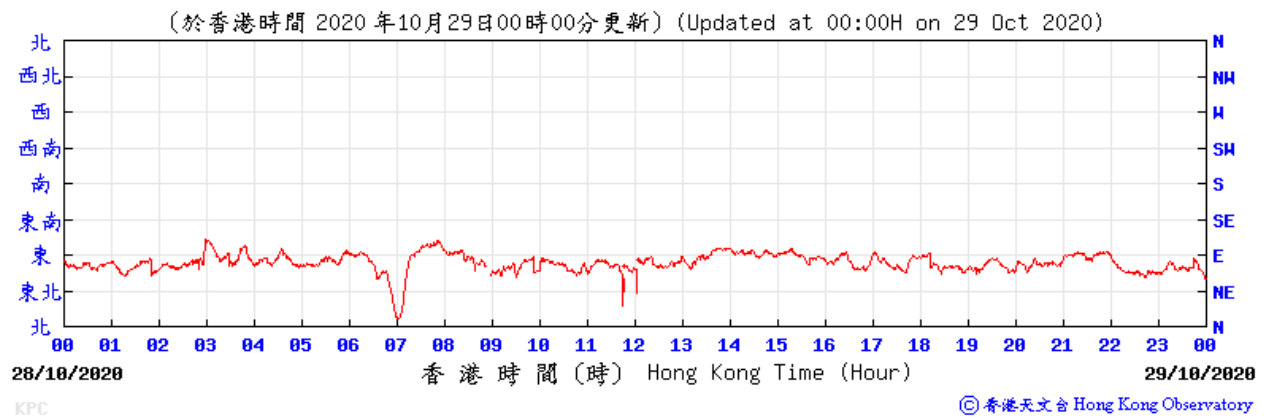
Wind Direction recorded at King's Park Meteorological Station on 22 October 2020



Wind Direction recorded at King's Park Meteorological Station on 23 October 2020



Wind Direction recorded at King's Park Meteorological Station on 28 October 2020



Wind Direction recorded at King's Park Meteorological Station on 29 October 2020

