

Appendix G

Construction Dust Monitoring

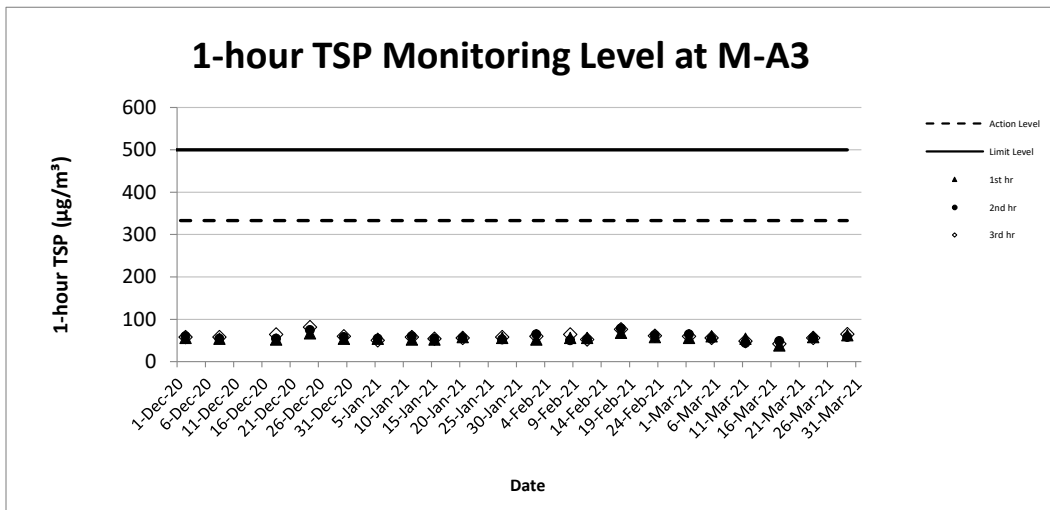
Results and Meteorological

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
1-Mar-21	09:30	56	64	60	60	333	500	Fine
5-Mar-21	09:00	60	54	56	57			Fine
11-Mar-21	09:12	54	44	48	49			Fine
17-Mar-21	13:30	38	48	42	43			Fine
23-Mar-21	13:18	58	56	56	57			Fine
29-Mar-21	13:00	62	58	65	62			Fine
Average		54						
Max		65						
Min		38						



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

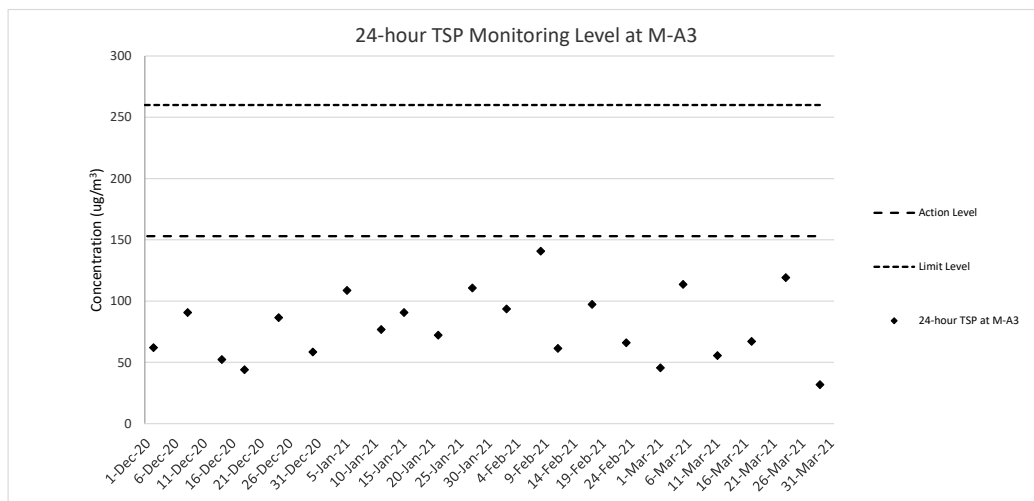
M-A3 - SKH Tsoi Kung Po Secondary School

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					
1-Mar-21	Fine	291.4	765.1	2.6883	2.7690	0.0807	24	1.24	1.22	1.23	1771.5	46	153	260
5-Mar-21	Fine	293.1	762.0	2.6906	2.8917	0.2011	24	1.23	1.22	1.23	1768.3	114		
11-Mar-21	Fine	294	764.9	2.6829	2.7813	0.0984	24	1.23	1.22	1.23	1768.5	56		
17-Mar-21	Fine	297.7	759.7	2.6841	2.8024	0.1183	24	1.22	1.22	1.22	1762.5	67		
23-Mar-21	Fine	291.9	765.5	2.6884	2.8997	0.2113	24	1.24	1.22	1.23	1771.1	119		
29-Mar-21	Fine	298.6	755.5	2.6878	2.7460	0.0582	24	1.26	1.27	1.27	1822.4	32		
												Min		
												Max	119	
												Average	72	

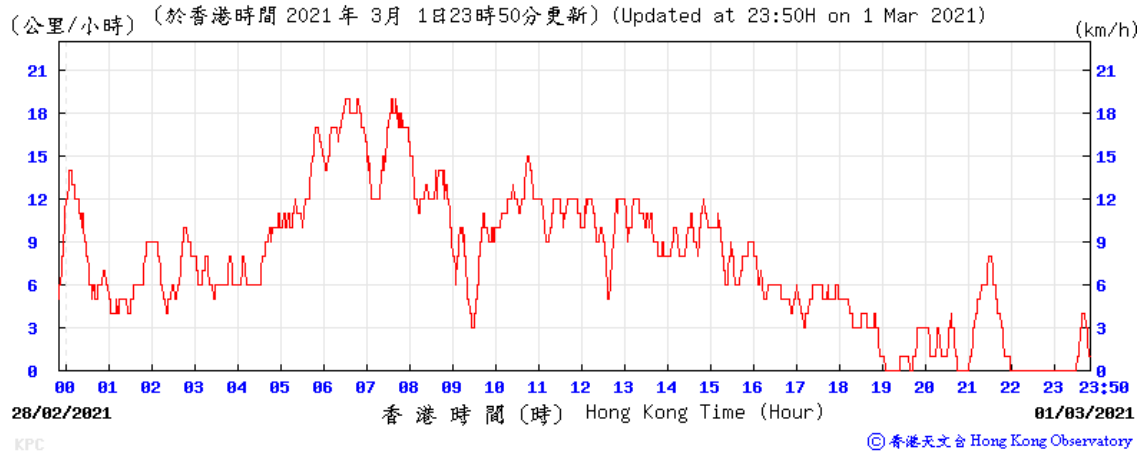
Note:

Underline: Exceedance of Action Level

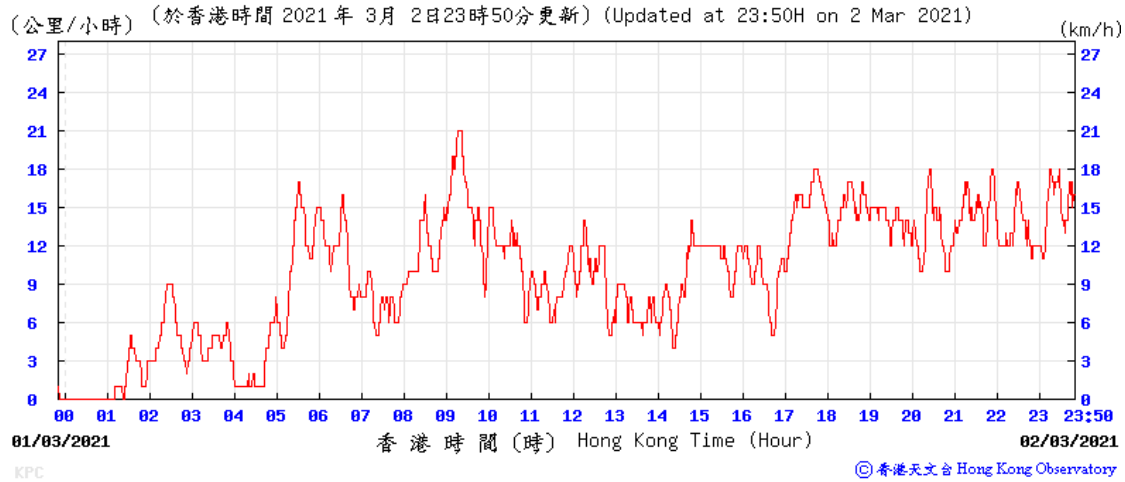
Underline and Bold: Exceedance of Limit Level



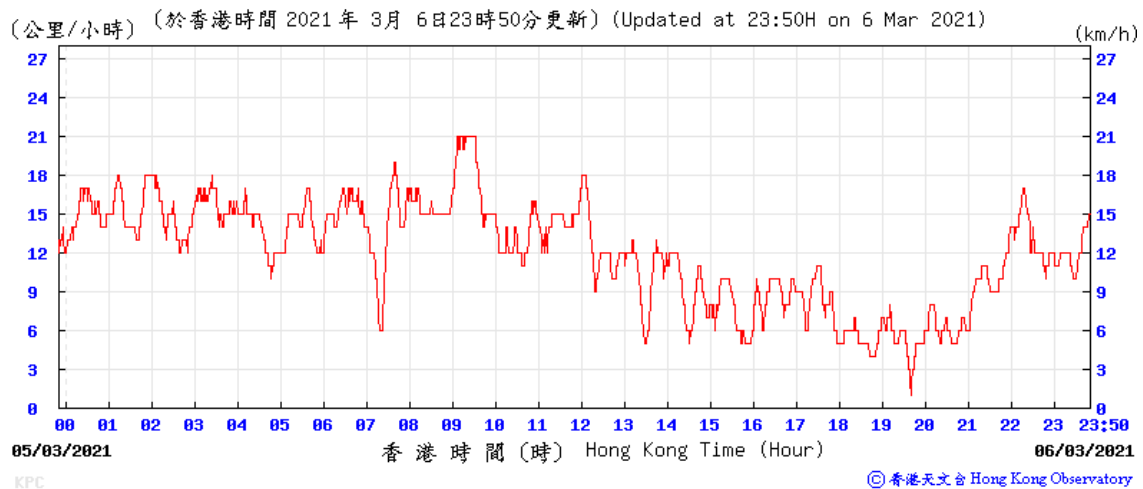
Wind Speed recorded at King's Park Meteorological Station on 1 March 2021



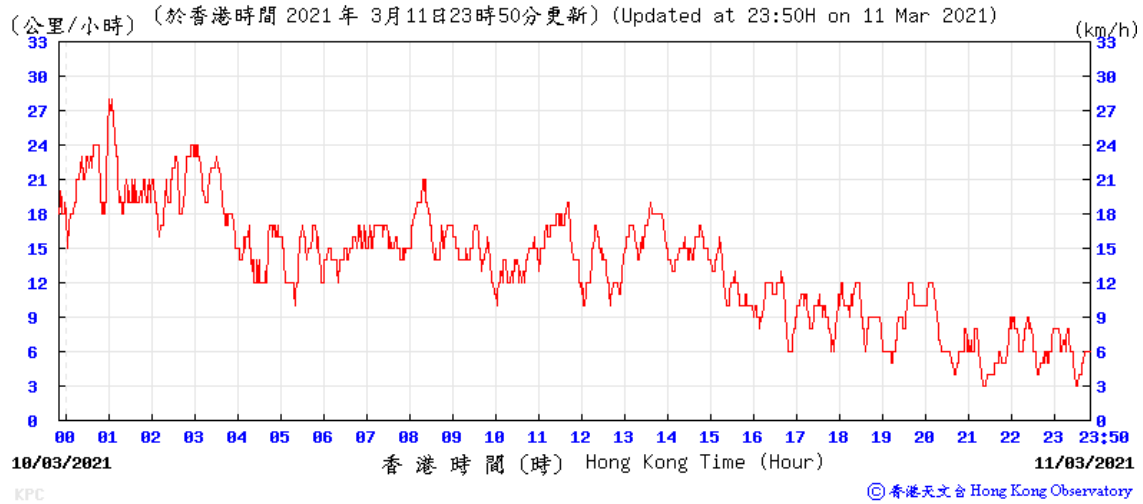
Wind Speed recorded at King's Park Meteorological Station on 2 March 2021



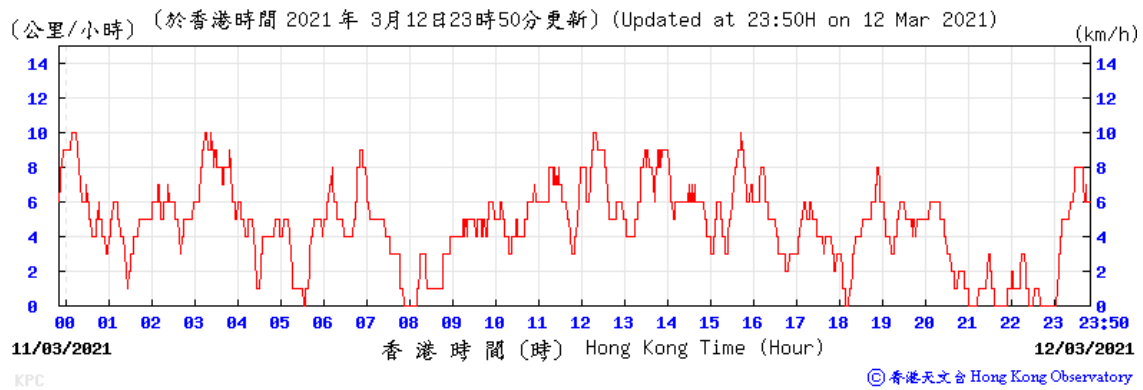
Wind Speed recorded at King's Park Meteorological Station on 6 March 2021



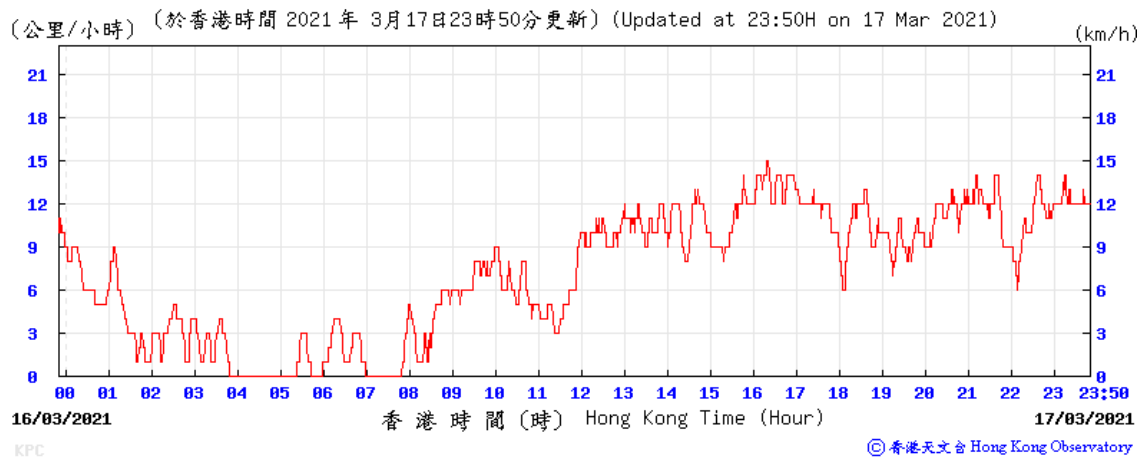
Wind Speed recorded at King's Park Meteorological Station on 11 March 2021



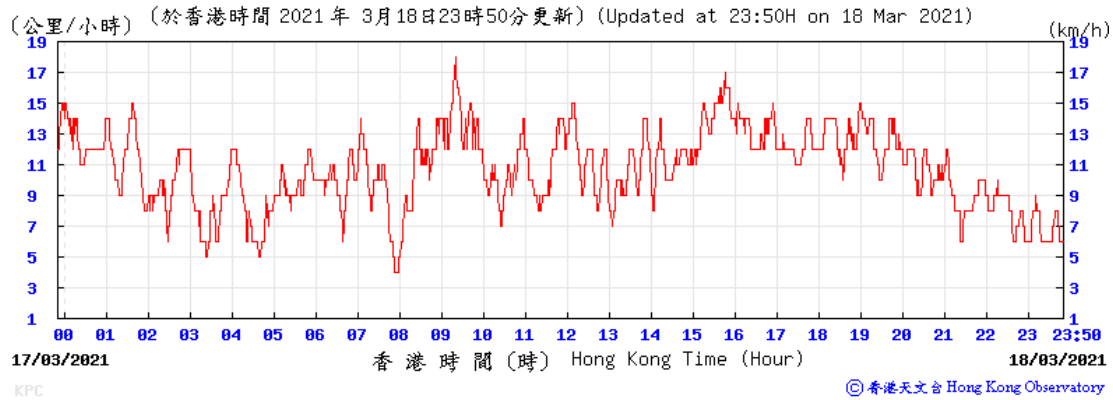
Wind Speed recorded at King's Park Meteorological Station on 12 March 2021



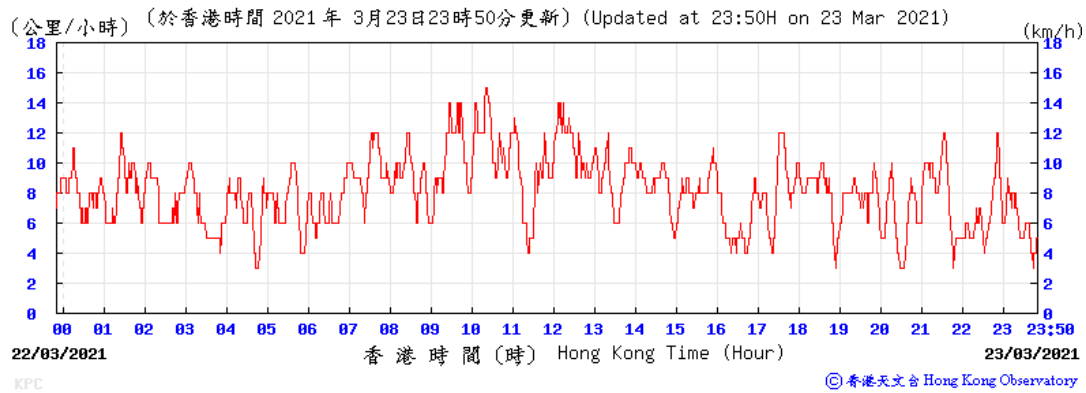
Wind Speed recorded at King's Park Meteorological Station on 17 March 2021



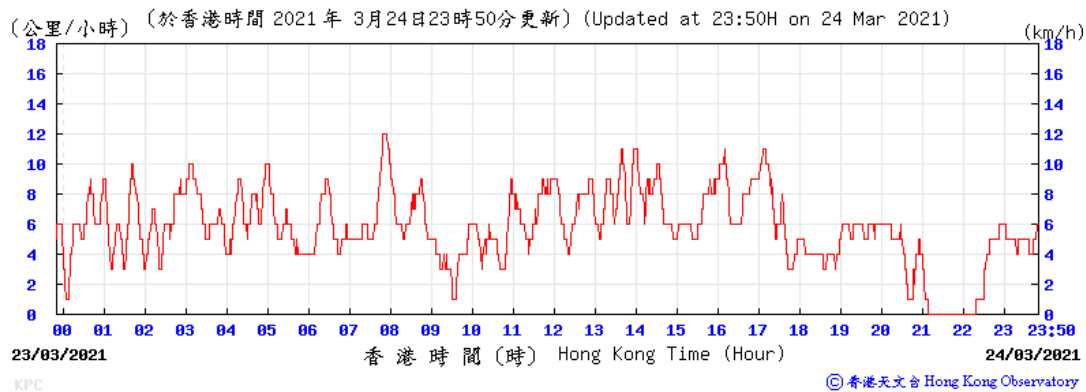
Wind Speed recorded at King's Park Meteorological Station on 18 March 2021



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

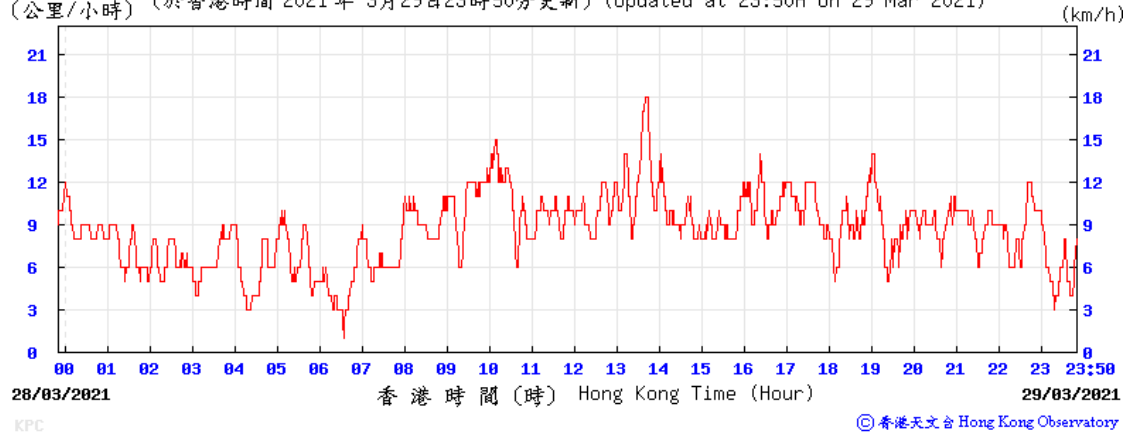


Wind Speed recorded at King's Park Meteorological Station on 24 March 2021



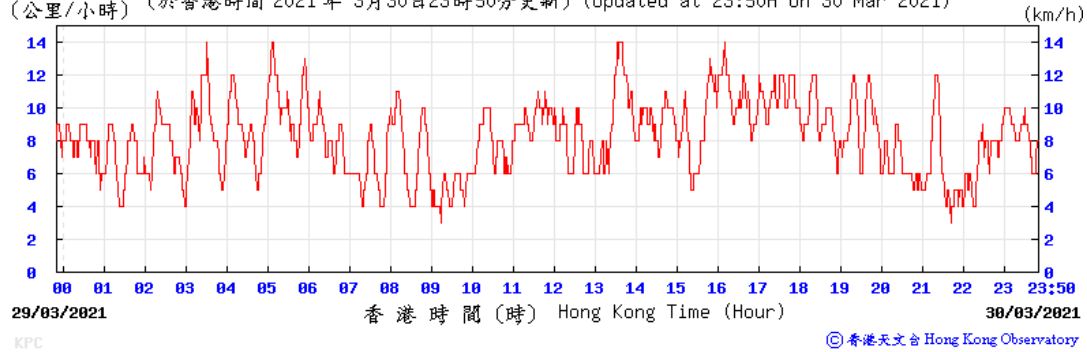
Wind Speed recorded at King's Park Meteorological Station on 29 March 2021

(公里/小時) (於香港時間 2021 年 3月29日23時50分更新) (Updated at 23:50H on 29 Mar 2021)

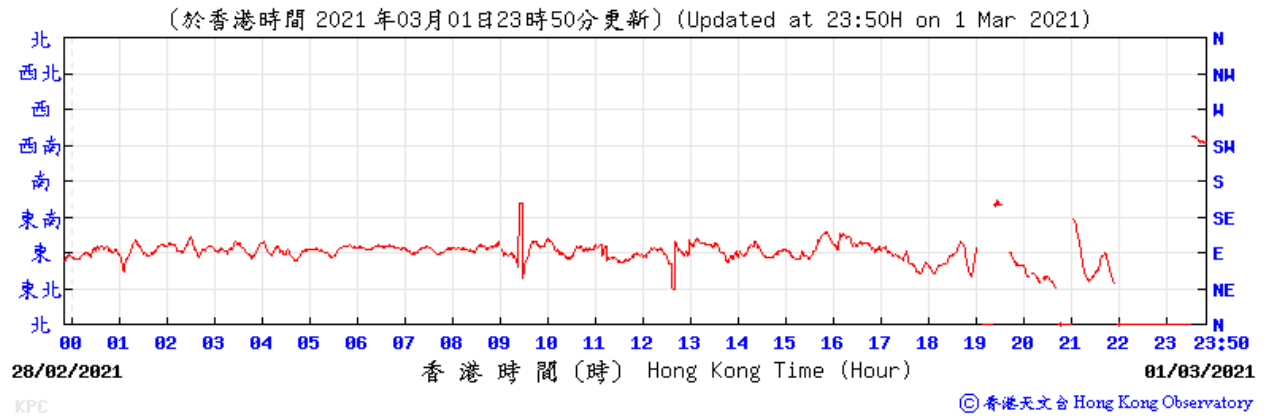


Wind Speed recorded at King's Park Meteorological Station on 30 March 2021

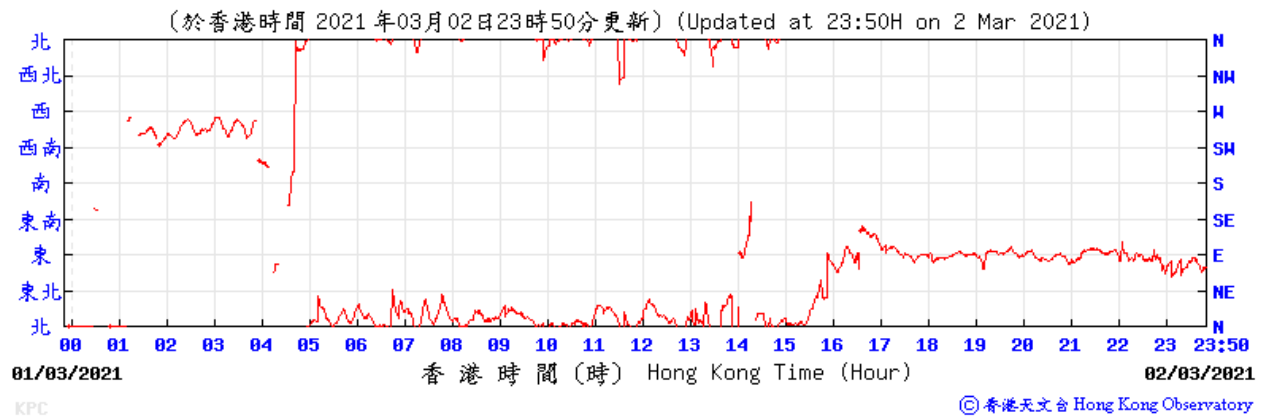
(公里/小時) (於香港時間 2021 年 3月30日23時50分更新) (Updated at 23:50H on 30 Mar 2021)



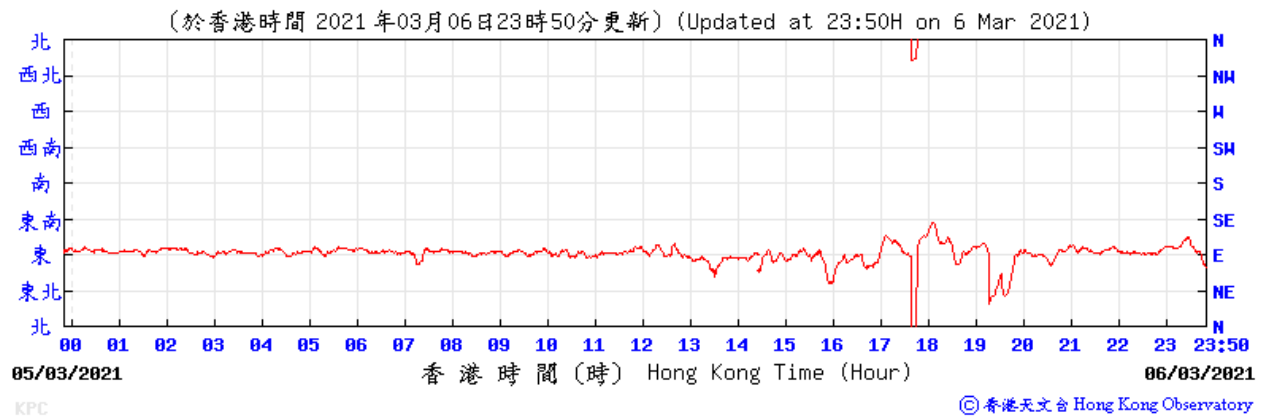
Wind Direction recorded at King's Park Meteorological Station on 1 March 2021



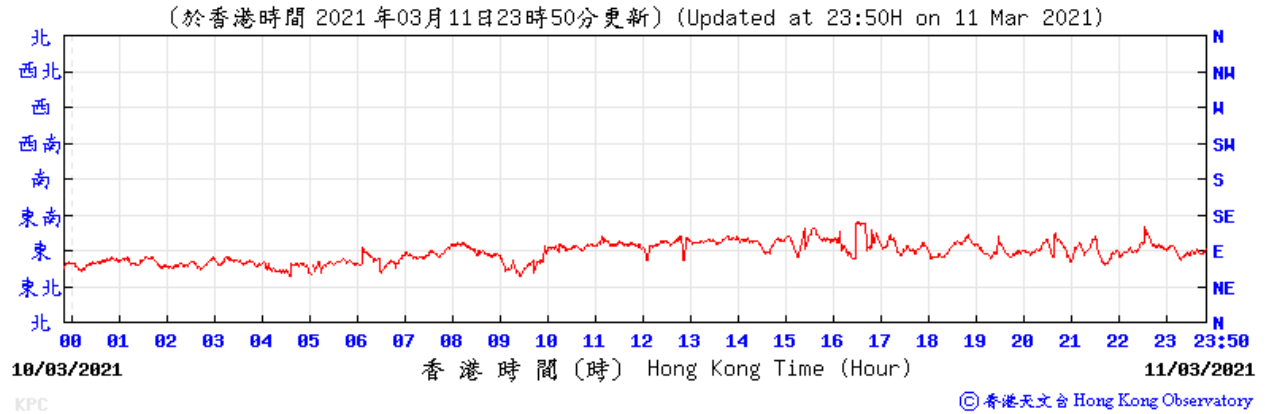
Wind Direction recorded at King's Park Meteorological Station on 2 March 2021



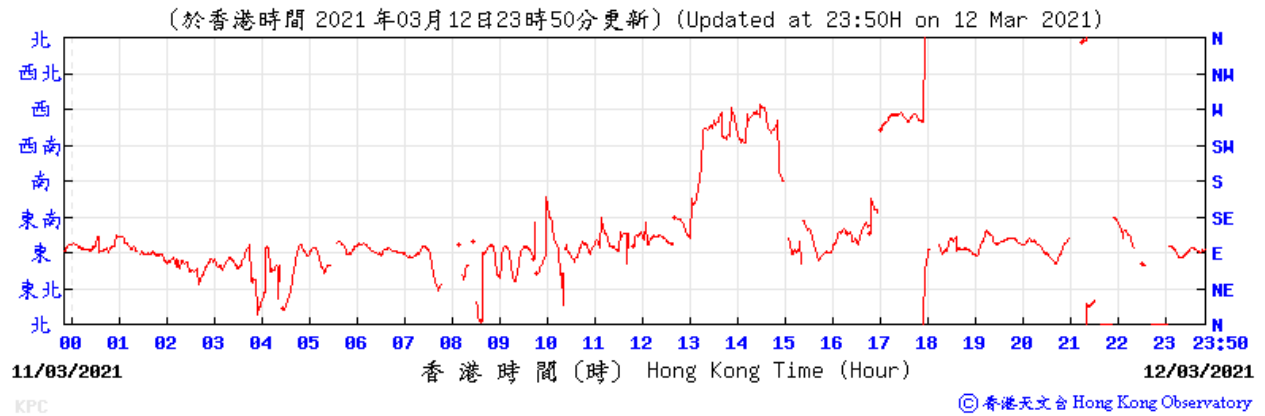
Wind Direction recorded at King's Park Meteorological Station on 6 March 2021



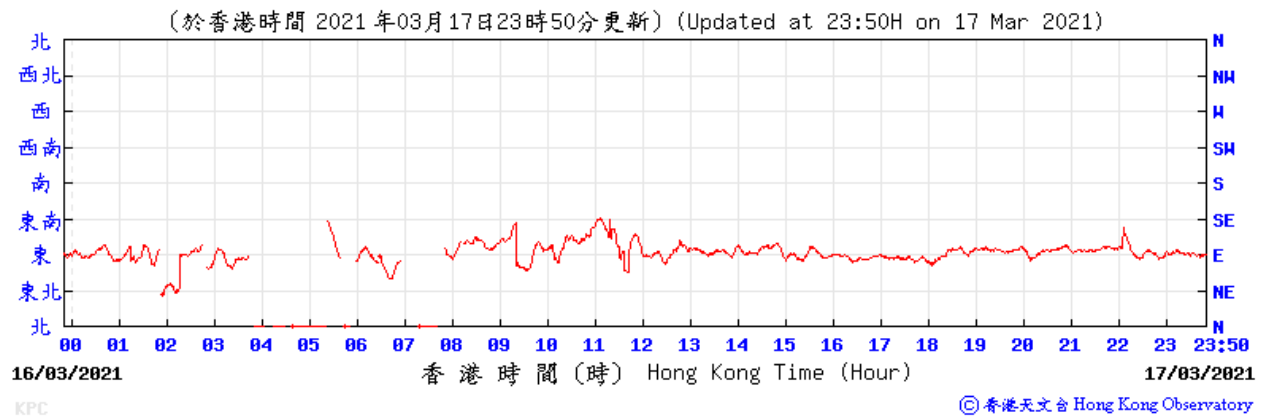
Wind Direction recorded at King's Park Meteorological Station on 11 March 2021



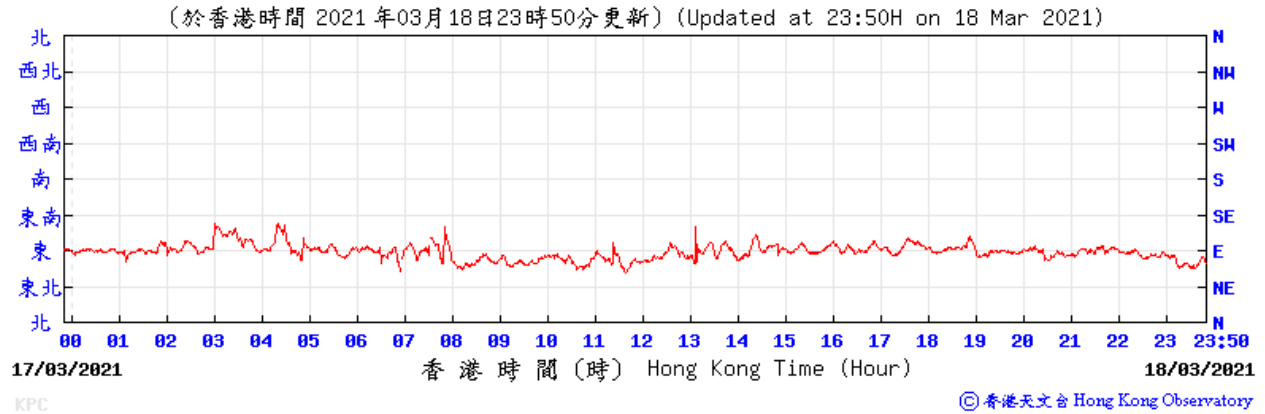
Wind Direction recorded at King's Park Meteorological Station on 12 March 2021



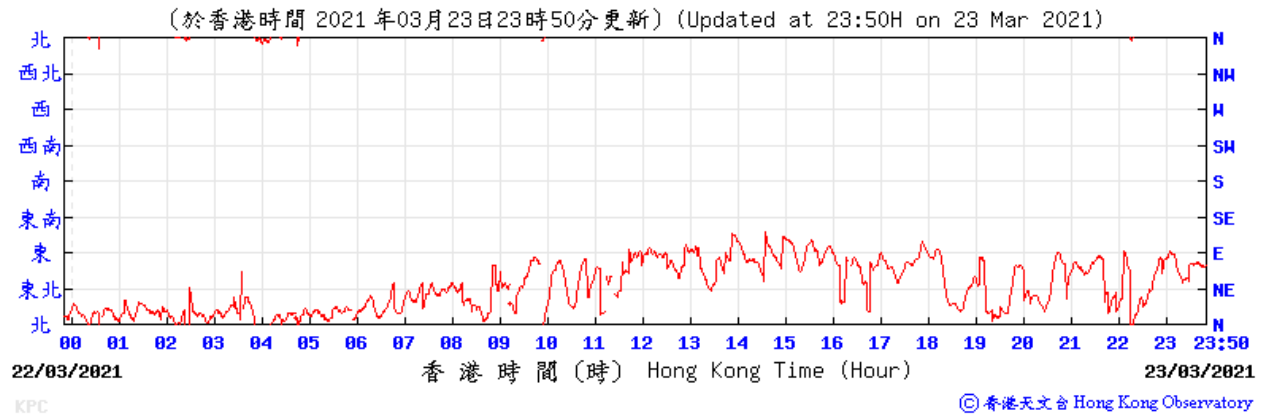
Wind Direction recorded at King's Park Meteorological Station on 17 March 2021



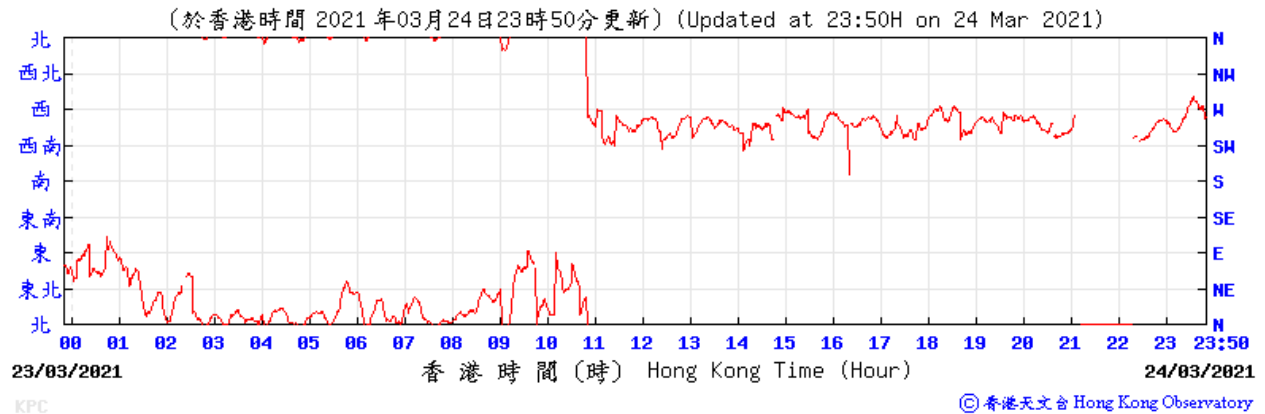
Wind Direction recorded at King's Park Meteorological Station on 18 March 2021



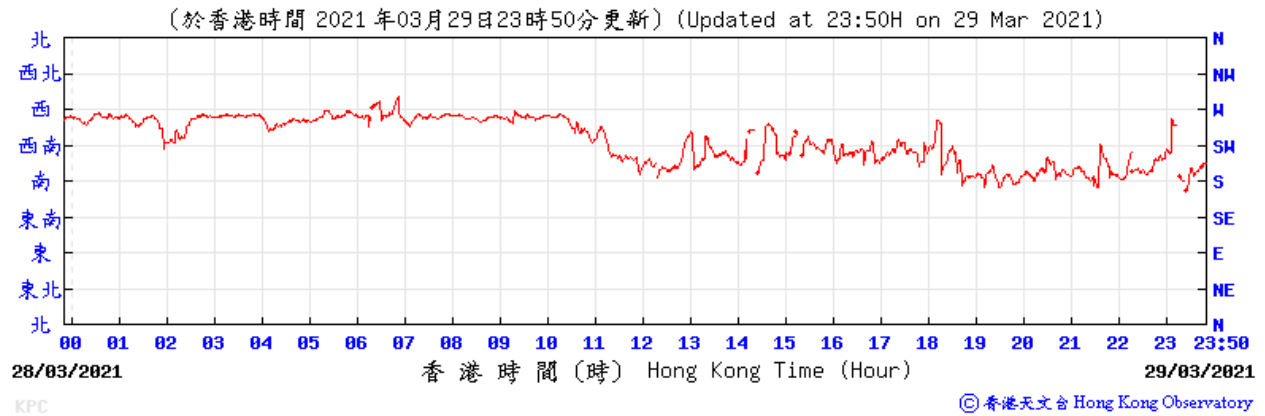
Wind Direction recorded at King's Park Meteorological Station on 23 March 2021



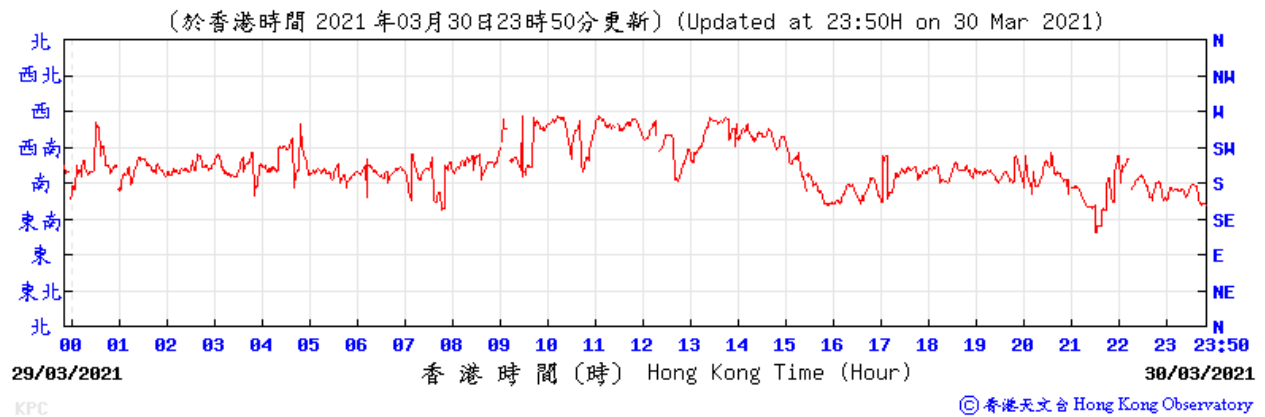
Wind Direction recorded at King's Park Meteorological Station on 24 March 2021



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



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



*Remark:

The wind speed and wind direction of 5 March 2021 was not available from the Hong Kong observatory website.