

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

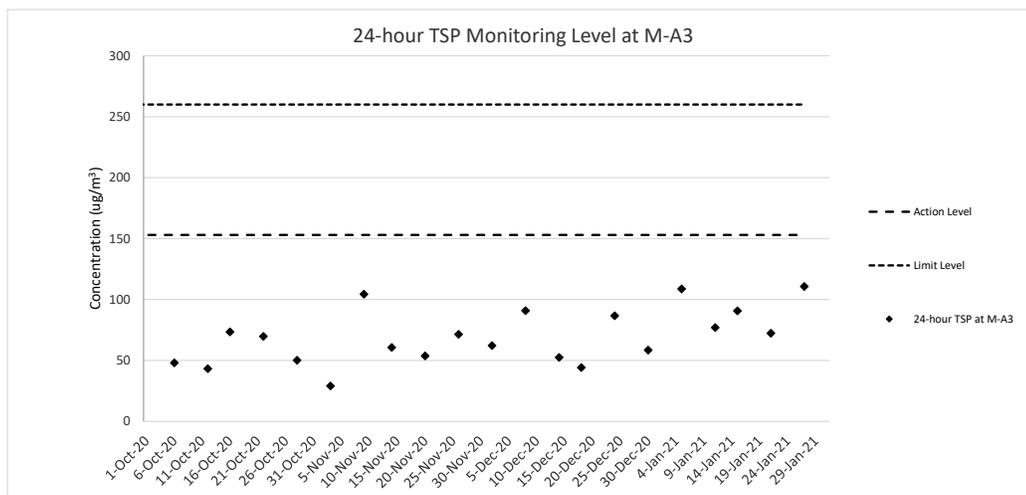
M-A3 - SKH Tsoi Kung Po Secondary School

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					
5-Jan-21	Fine	288.3	765.7	2.7288	2.9562	0.2274	24	1.46	1.44	1.45	2091.7	109	153	260
11-Jan-21	Fine	283.6	769.4	2.6746	2.8361	0.1615	24	1.48	1.44	1.46	2100.3	77		
15-Jan-21	Fine	290.3	762.1	2.7264	2.9129	0.1865	24	1.46	1.40	1.43	2055.8	91		
21-Jan-21	Fine	293.1	761.8	2.7137	2.8619	0.1482	24	1.41	1.44	1.42	2051.5	72		
27-Jan-21	Fine	291.9	763.4	2.6453	2.8640	0.2187	24	1.35	1.40	1.37	1974.9	111		
													Min	72
													Max	111
													Average	92

Note:

Underline: Exceedance of Action Level

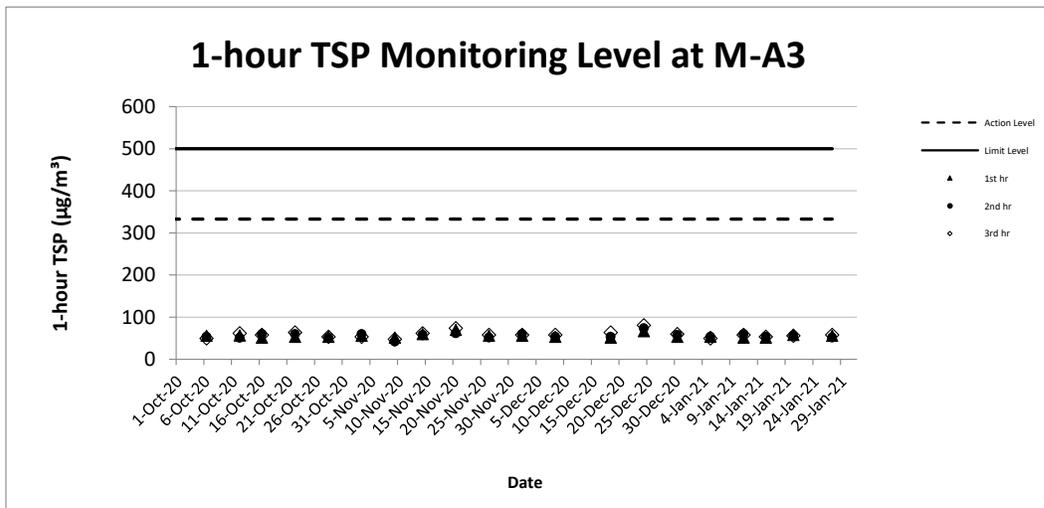
Underline and Bold: Exceedance of Limit Level



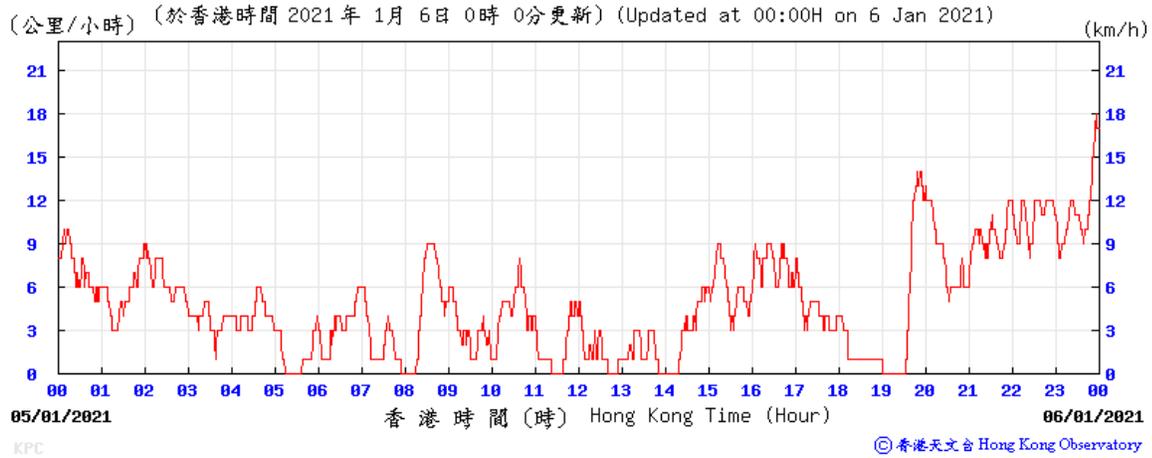
1-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

M-A3 - SKH Tsoi Kung Po Secondary School

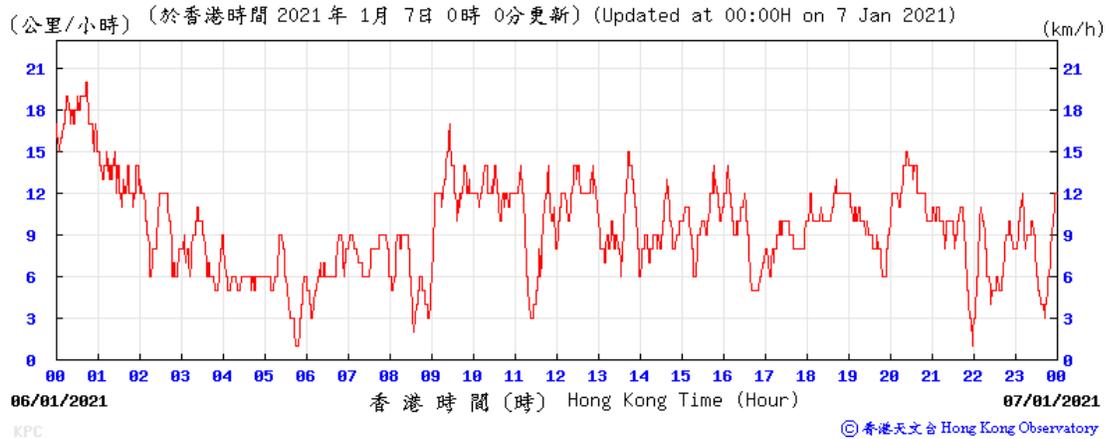
1-hour TSP ($\mu\text{g}/\text{m}^3$)								
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
5-Jan-21	09:30	54	54	50	53	333	500	Fine
11-Jan-21	09:18	52	60	58	57			Fine
15-Jan-21	09:24	52	54	54	53			Fine
20-Jan-21	13:17	58	56	56	57			Fine
27-Jan-21	13:40	56	52	58	55			Fine
Average		55						
Max		60						
Min		50						



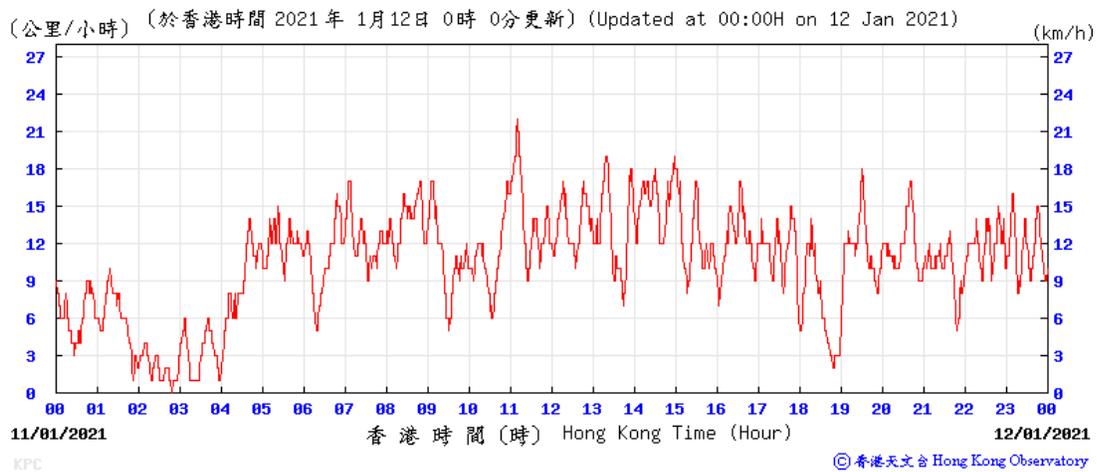
Wind Speed recorded at King's Park Meteorological Station on 5 January 2021



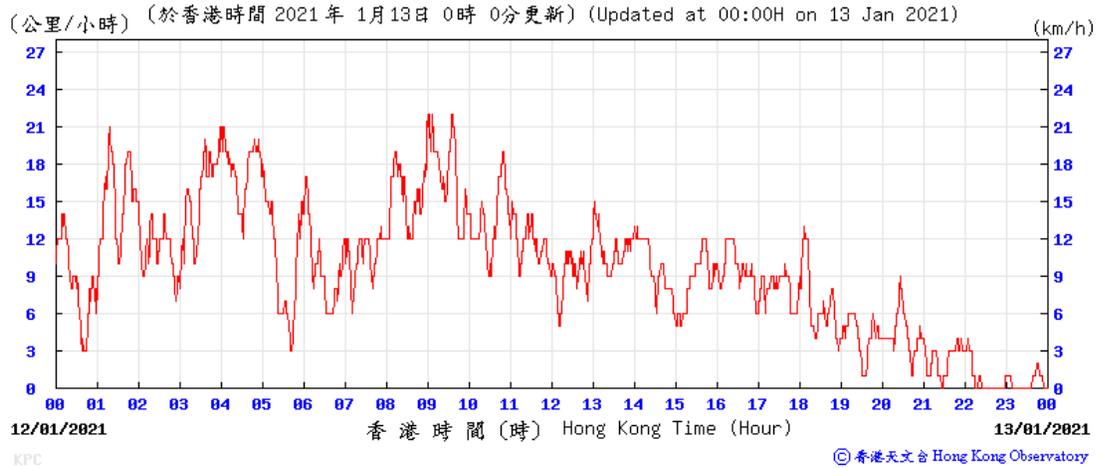
Wind Speed recorded at King's Park Meteorological Station on 6 January 2021



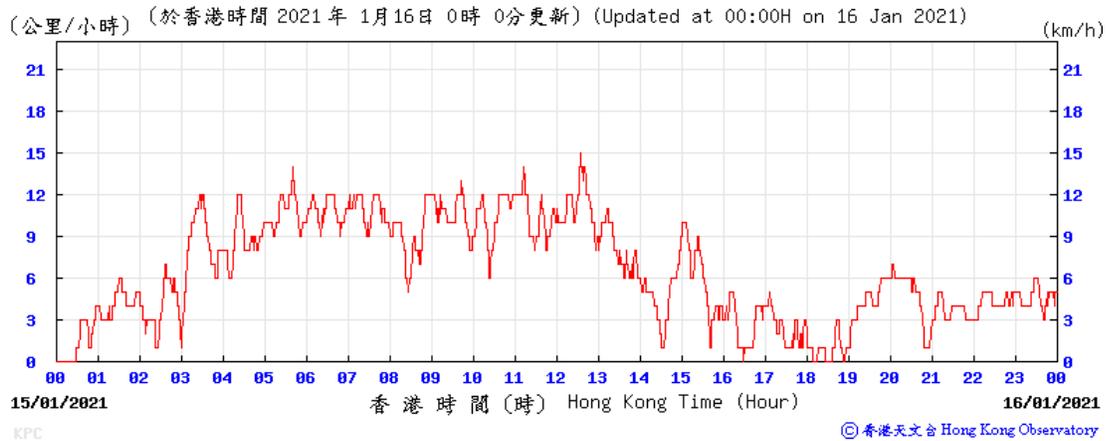
Wind Speed recorded at King's Park Meteorological Station on 11 January 2021



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



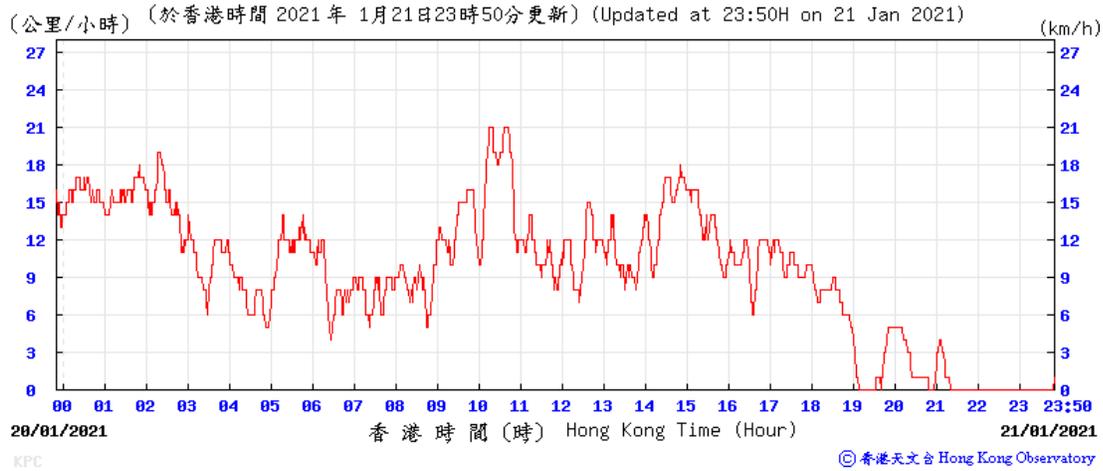
Wind Speed recorded at King's Park Meteorological Station on 15 January 2021



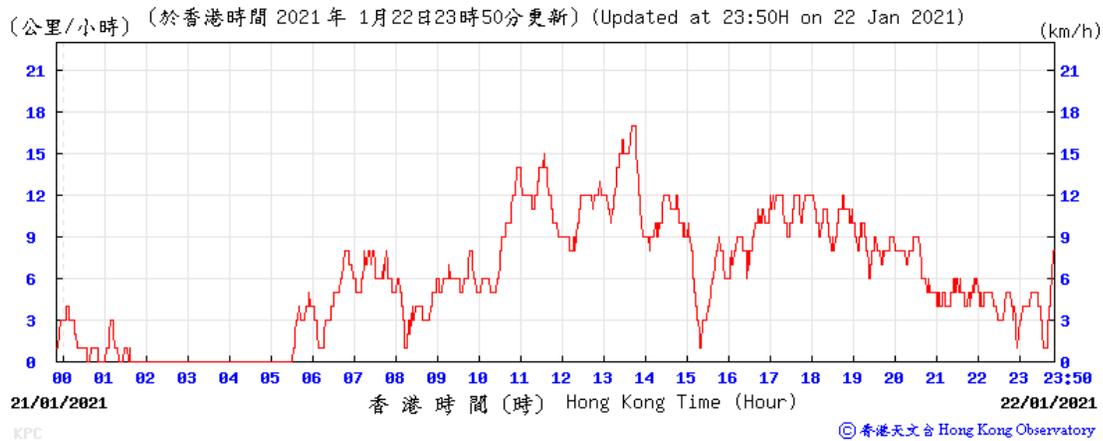
Wind Speed recorded at King's Park Meteorological Station on 16 January 2021



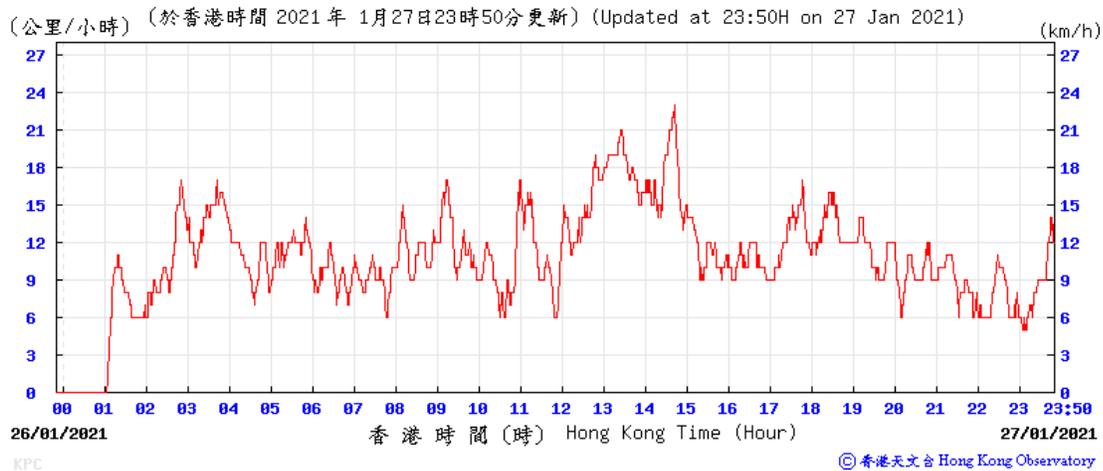
Wind Speed recorded at King's Park Meteorological Station on 21 January 2021



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

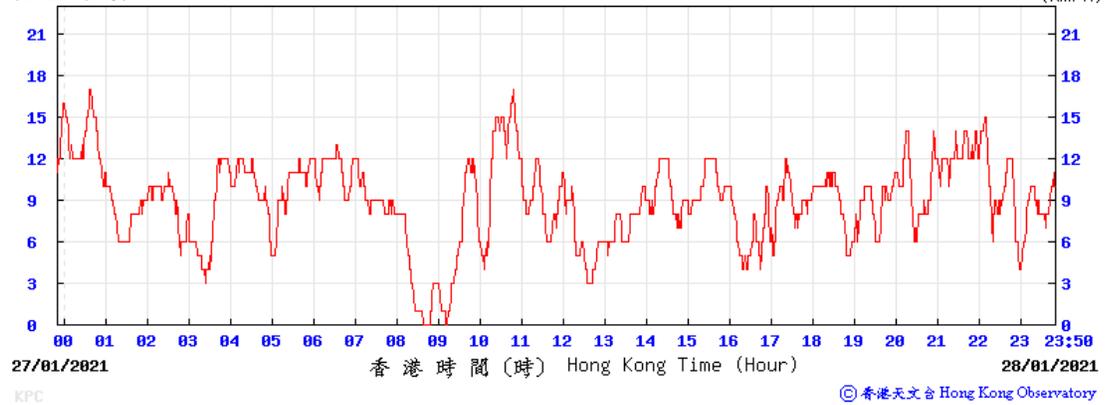


Wind Speed recorded at King's Park Meteorological Station on 27 January 2021

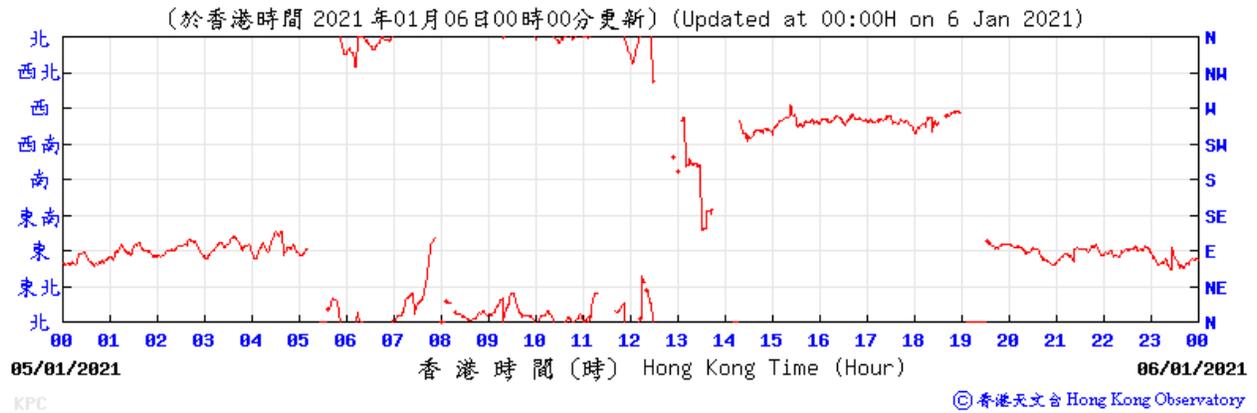


Wind Speed recorded at King's Park Meteorological Station on 28 January 2021

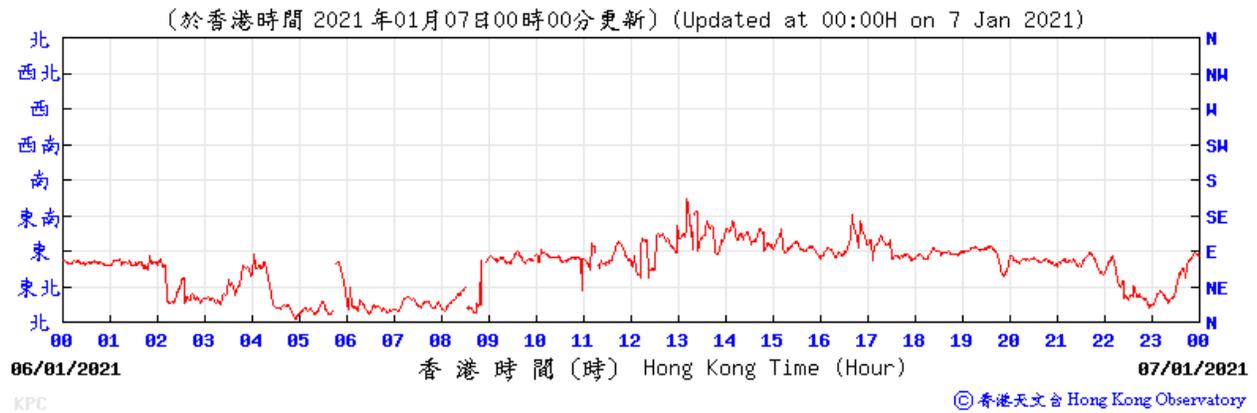
(公里/小時) (於香港時間 2021年 1月28日23時50分更新) (Updated at 23:50H on 28 Jan 2021) (km/h)



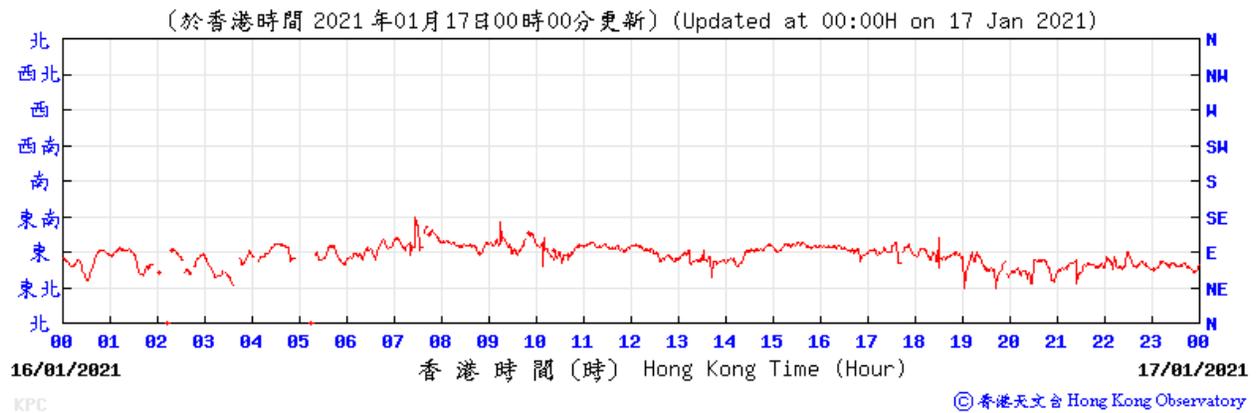
Wind Direction recorded at King's Park Meteorological Station on 5 January 2021



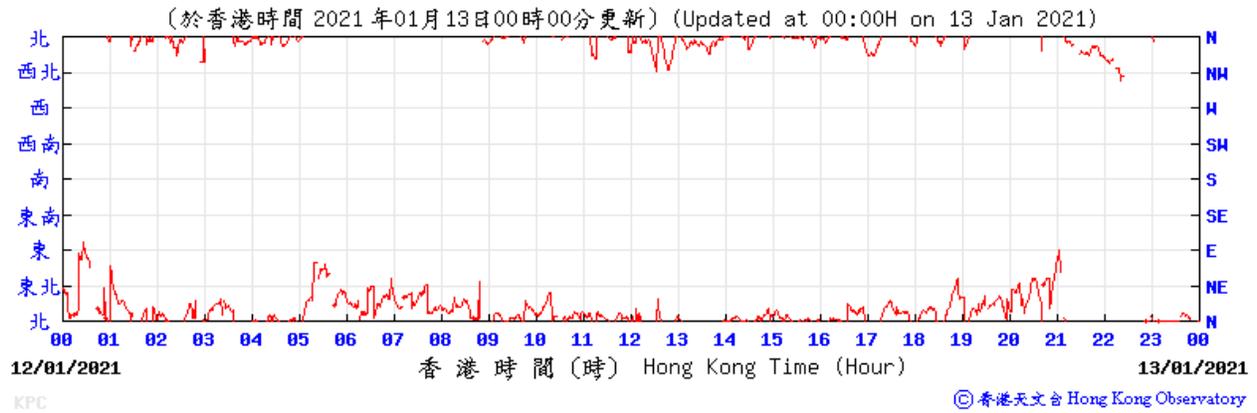
Wind Direction recorded at King's Park Meteorological Station on 6 January 2021



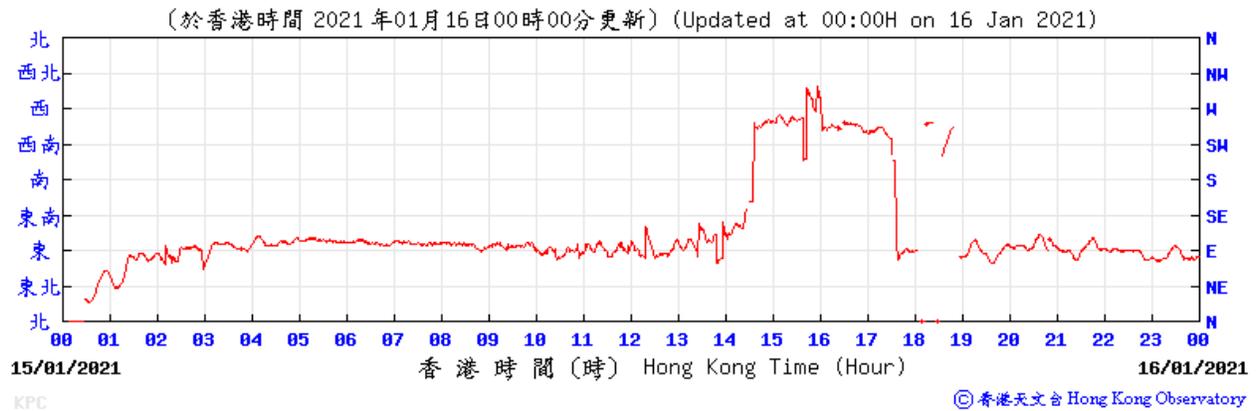
Wind Direction recorded at King's Park Meteorological Station on 11 January 2021



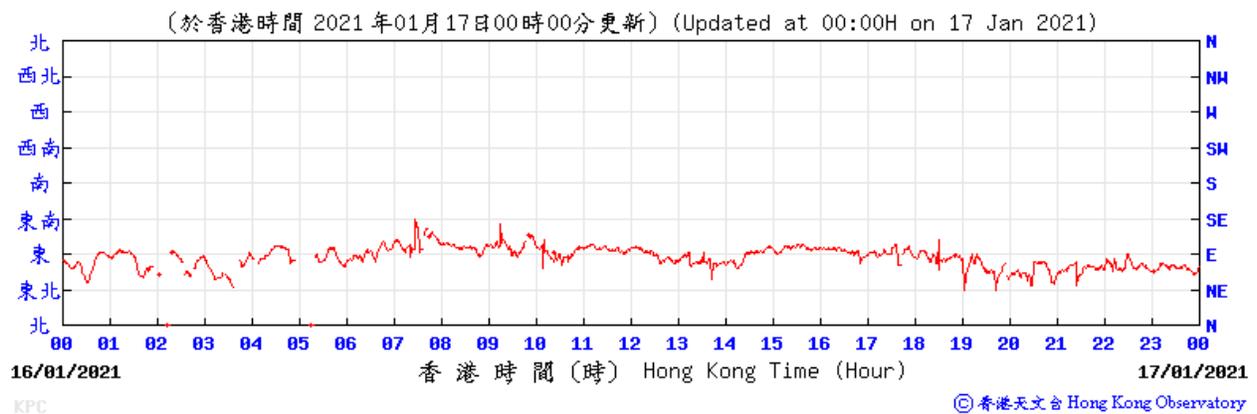
Wind Direction recorded at King's Park Meteorological Station on 12 January 2021



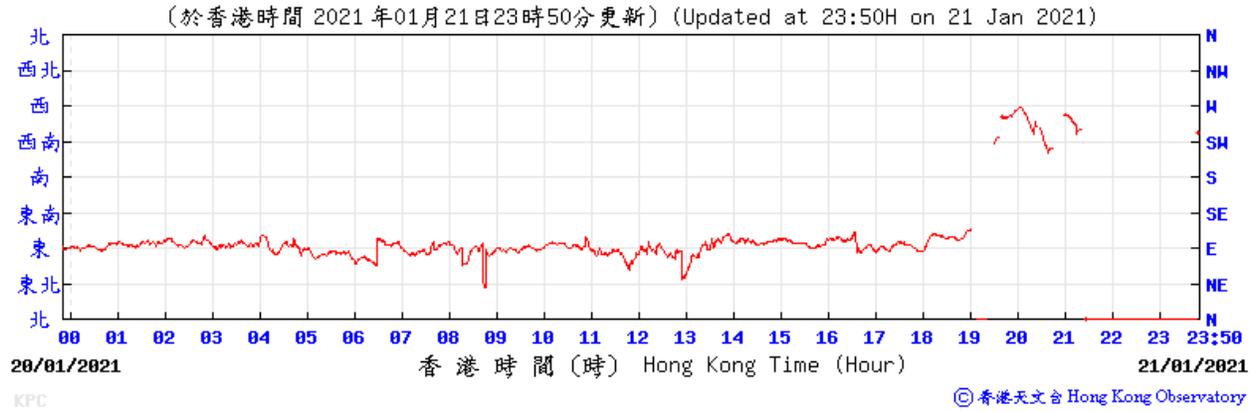
Wind Direction recorded at King's Park Meteorological Station on 15 January 2021



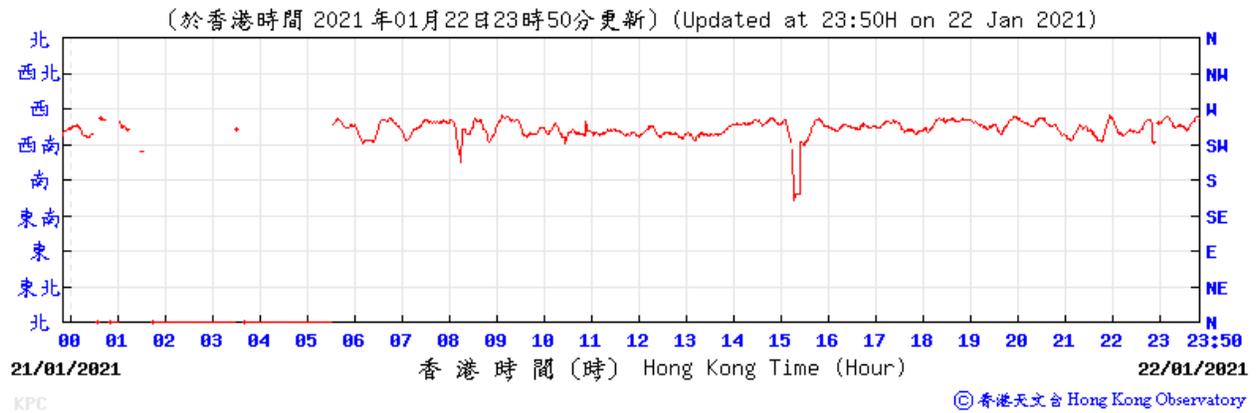
Wind Direction recorded at King's Park Meteorological Station on 16 January 2021



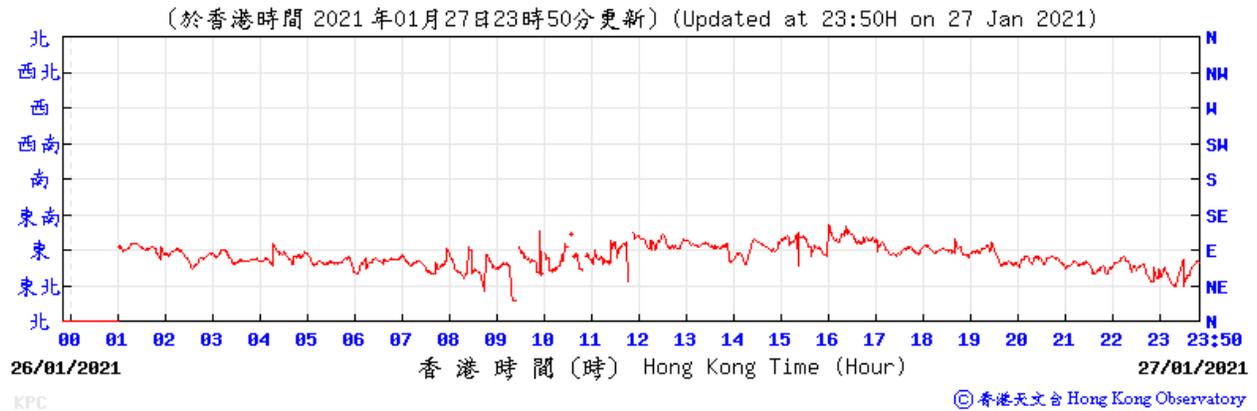
Wind Direction recorded at King's Park Meteorological Station on 21 January 2021



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



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



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

