

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

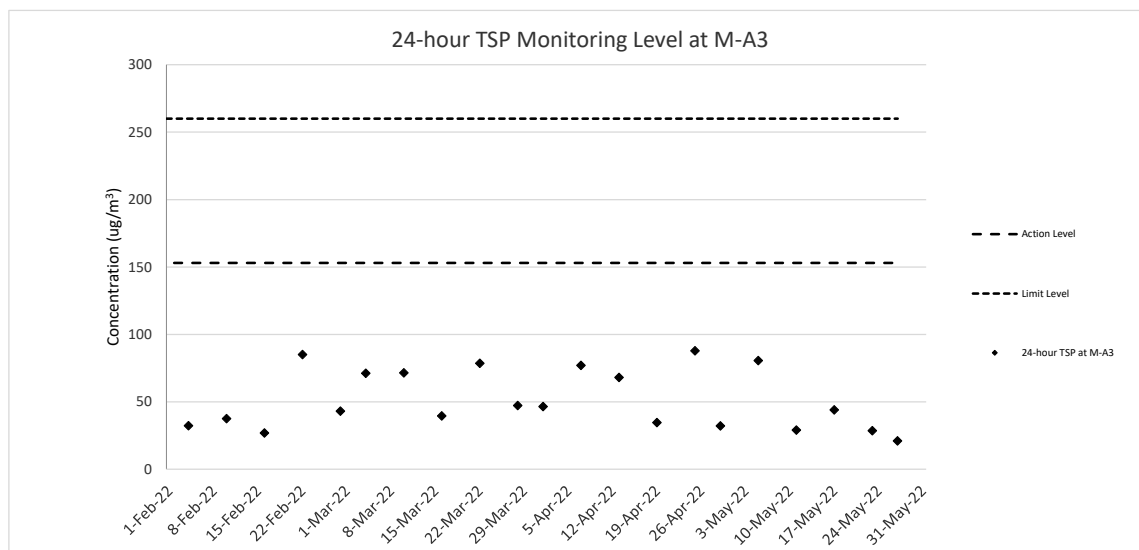
M-A3 - SKH Tsoi Kung Po Secondary School

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-May-22	Cloudy	298.5	759.5	2.6577	2.8319	0.1742	24	1.50	1.50	1.50	2163.6	81	153	260
11-May-22	Cloudy	298	755.9	2.7788	2.8423	0.0635	24	1.52	1.52	1.52	2188.6	29		
17-May-22	Fine	295.4	760.3	2.7533	2.8491	0.0958	24	1.51	1.52	1.51	2179.5	44		
23-May-22	Cloudy	297	755.8	2.7702	2.8329	0.0627	24	1.52	1.54	1.53	2202.4	28		
27-May-22	Cloudy	300.4	753.3	2.7796	2.8248	0.0452	24	1.50	1.50	1.50	2159.8	21		
												Min	21	
												Max	81	
												Average	41	

Note:

Underline: Exceedance of Action Level

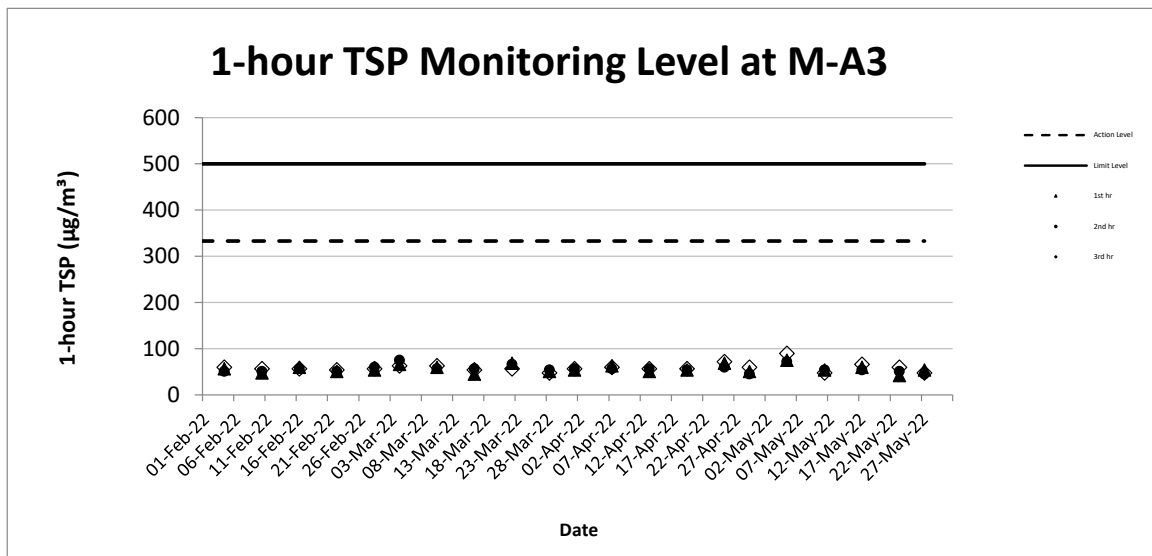
Underline and Bold: Exceedance of Limit Level



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

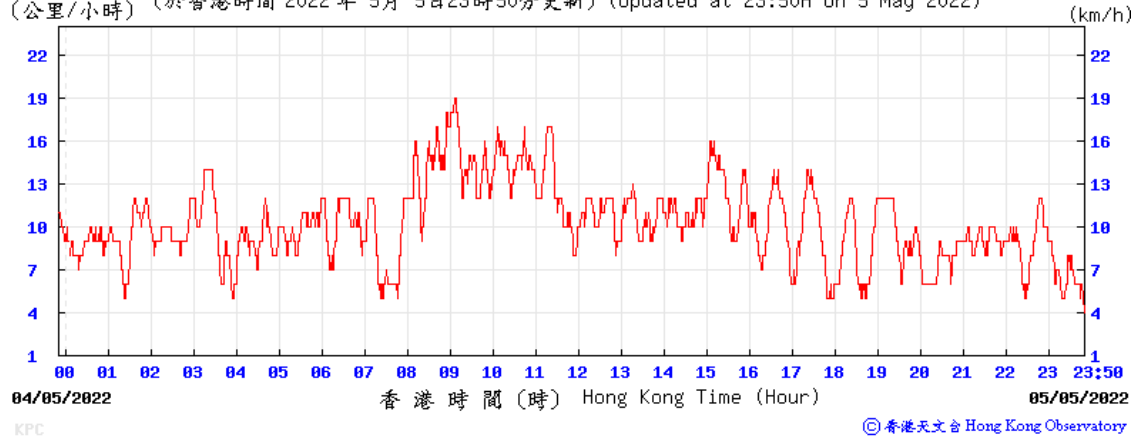
M-A3 - SKH Tsoi Kung Po Secondary School

1-hour TSP ($\mu\text{g}/\text{m}^3$)								
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
05-May-22	09:45	75	72	90	79	333	500	Cloudy
11-May-22	10:11	54	54	48	52			Cloudy
17-May-22	13:14	60	54	66	60			Fine
23-May-22	13:27	42	51	60	51			Cloudy
27-May-22	13:00	54	45	48	49			Cloudy
Average		58						
Max		90						
Min		42						



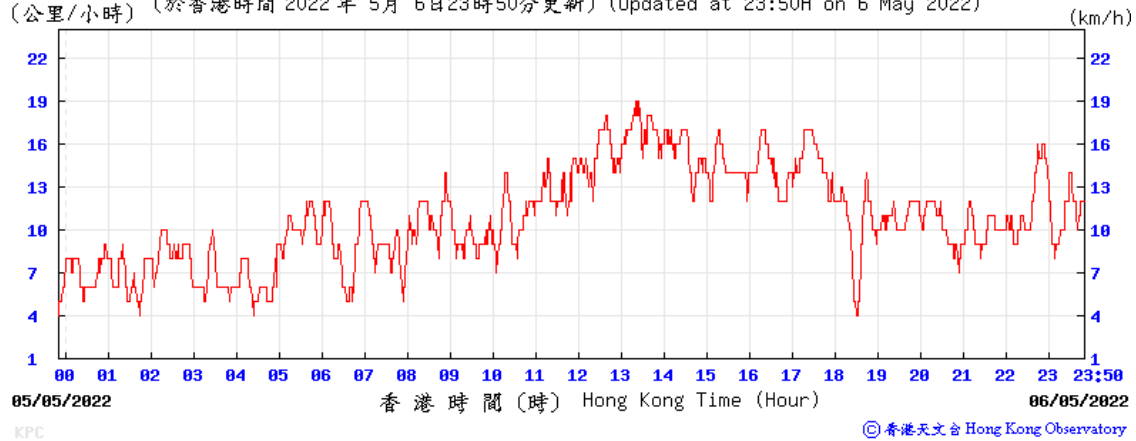
Wind Speed recorded at King's Park Meteorological Station on 5 May 2022

(公里/小時) (於香港時間 2022 年 5 月 5 日 23 時 50 分更新) (Updated at 23:50H on 5 May 2022)



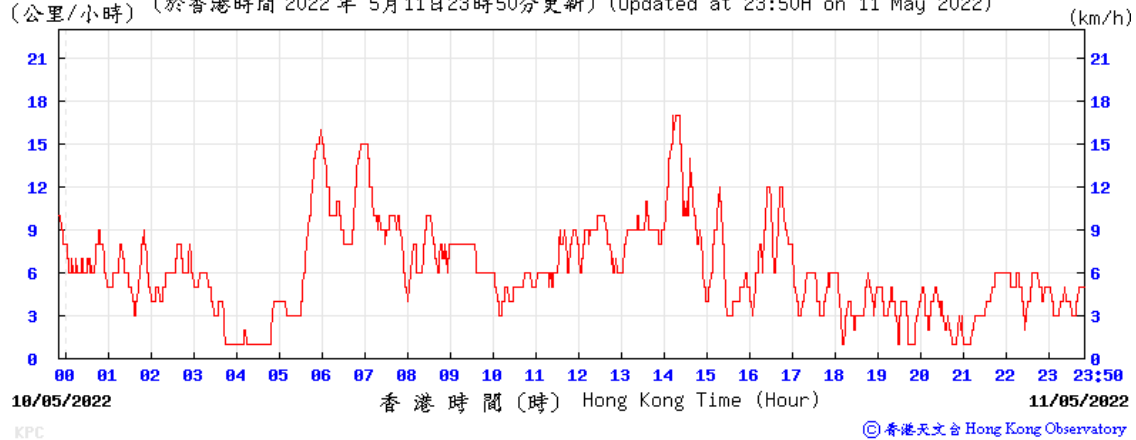
Wind Speed recorded at King's Park Meteorological Station on 6 May 2022

(公里/小時) (於香港時間 2022 年 5 月 6 日 23 時 50 分更新) (Updated at 23:50H on 6 May 2022)

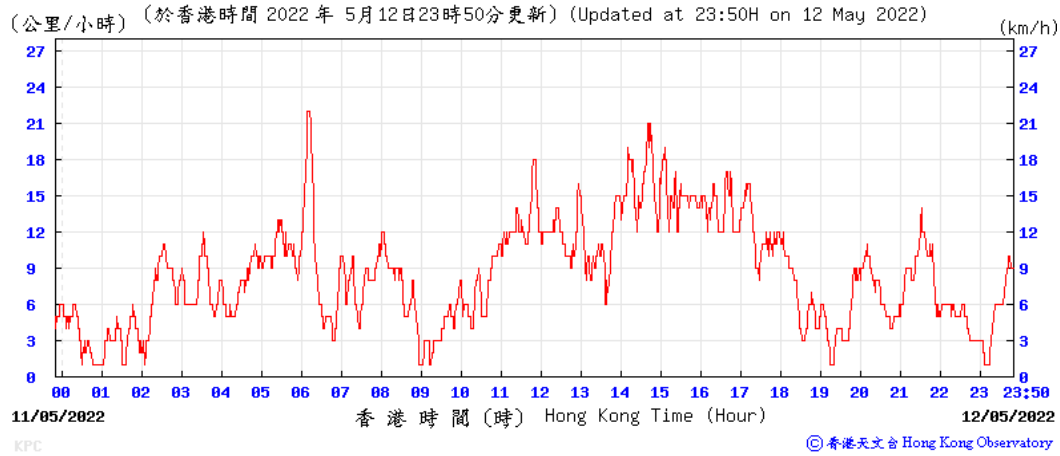


Wind Speed recorded at King's Park Meteorological Station on 11 May 2022

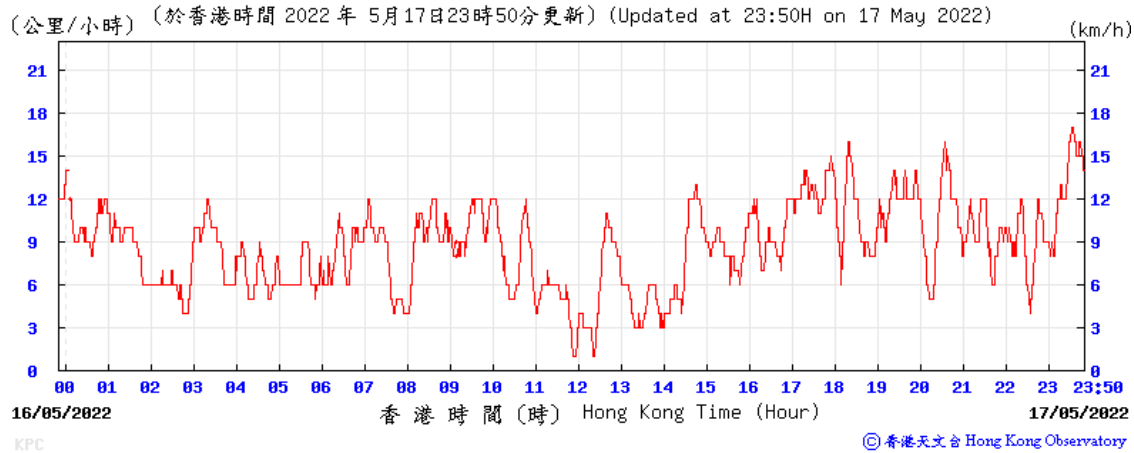
(公里/小時) (於香港時間 2022 年 5 月 11 日 23 時 50 分更新) (Updated at 23:50H on 11 May 2022)



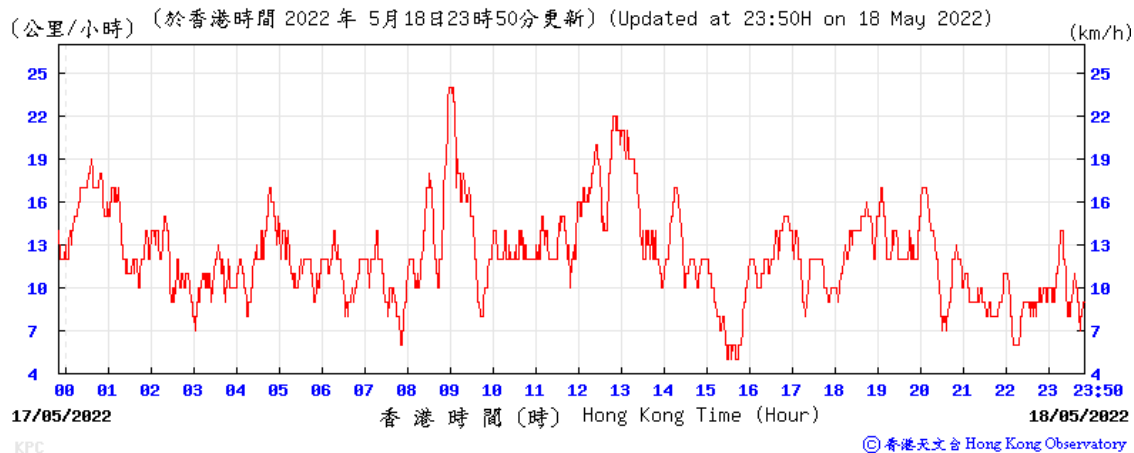
Wind Speed recorded at King's Park Meteorological Station on 12 May 2022



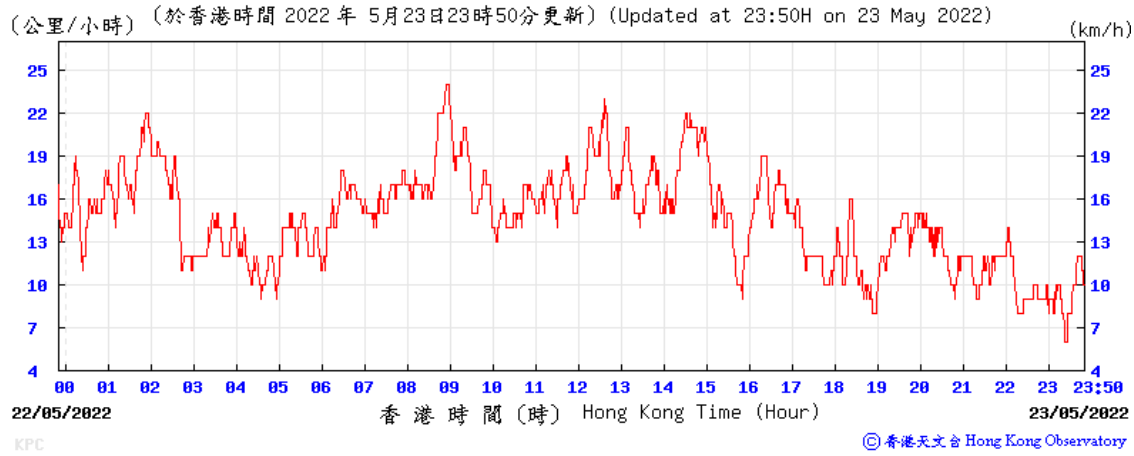
Wind Speed recorded at King's Park Meteorological Station on 17 May 2022



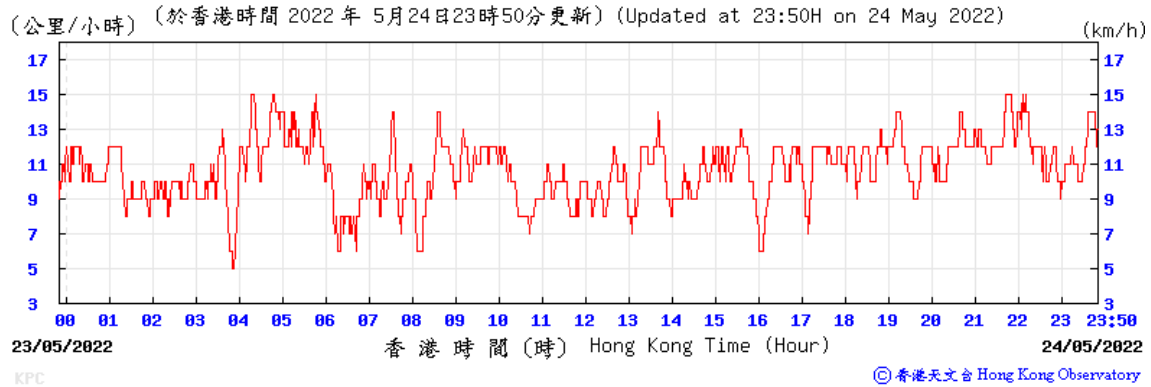
Wind Speed recorded at King's Park Meteorological Station on 18 May 2022



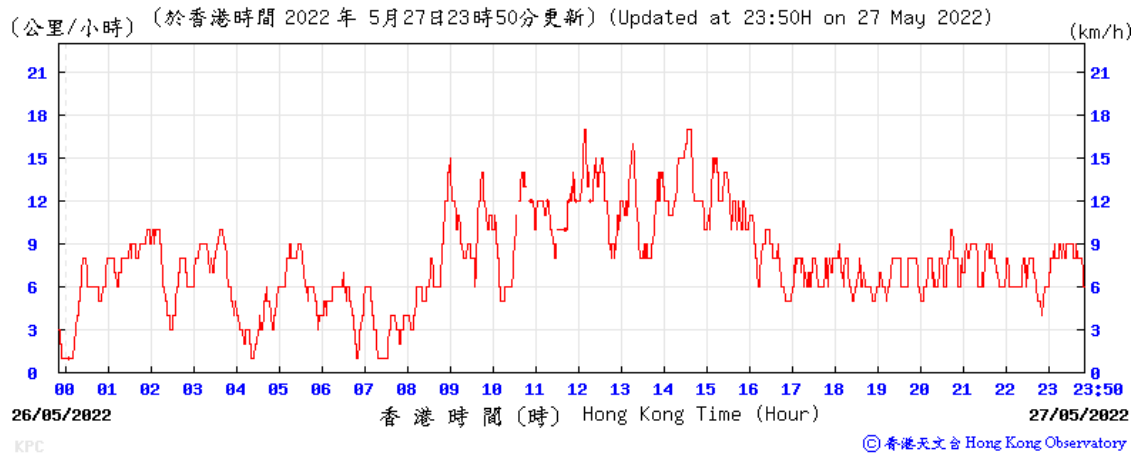
Wind Speed recorded at King's Park Meteorological Station on 23 May 2022



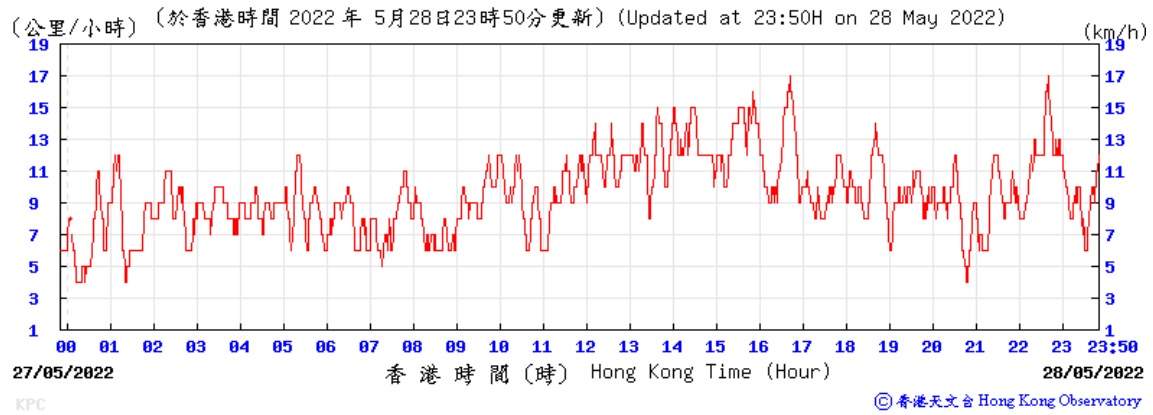
Wind Speed recorded at King's Park Meteorological Station on 24 May 2022



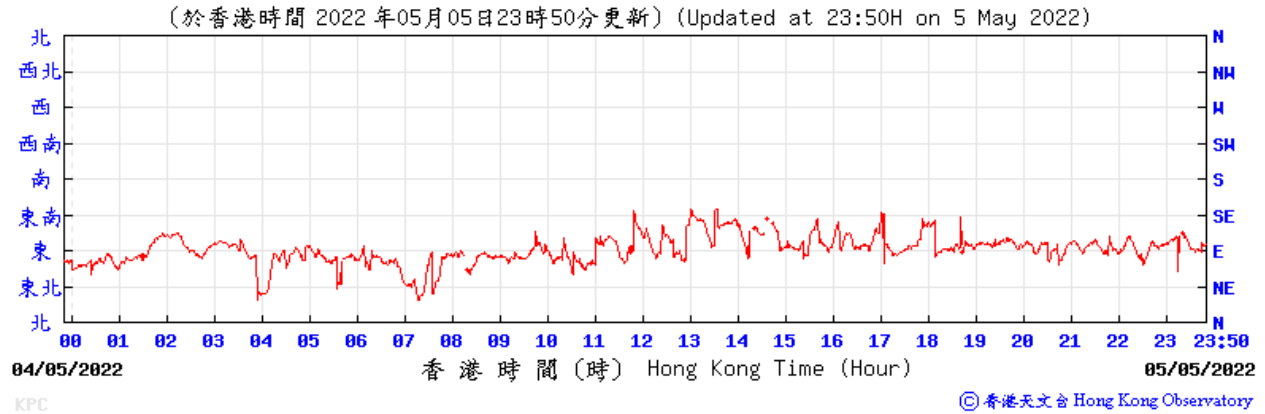
Wind Speed recorded at King's Park Meteorological Station on 27 May 2022



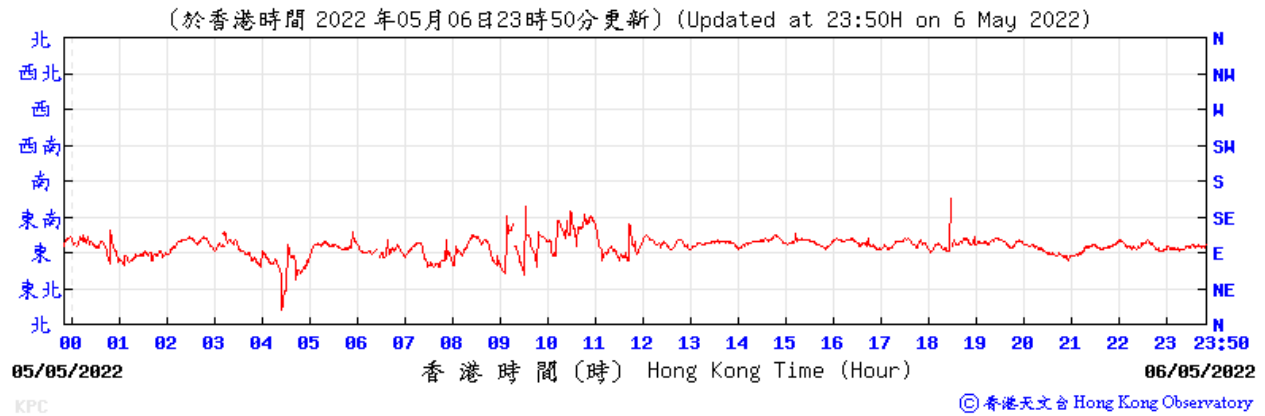
Wind Speed recorded at King's Park Meteorological Station on 28 May 2022



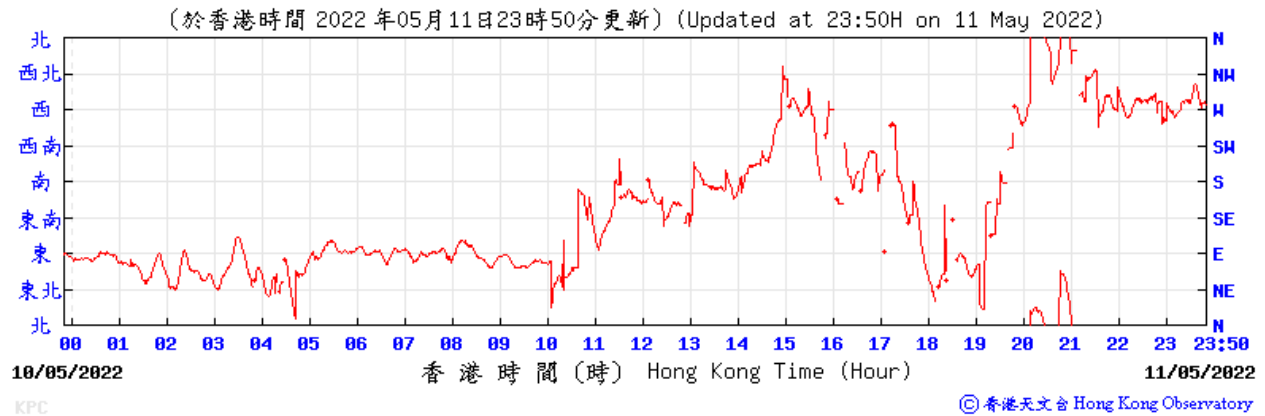
Wind Direction recorded at King's Park Meteorological Station on 5 May 2022



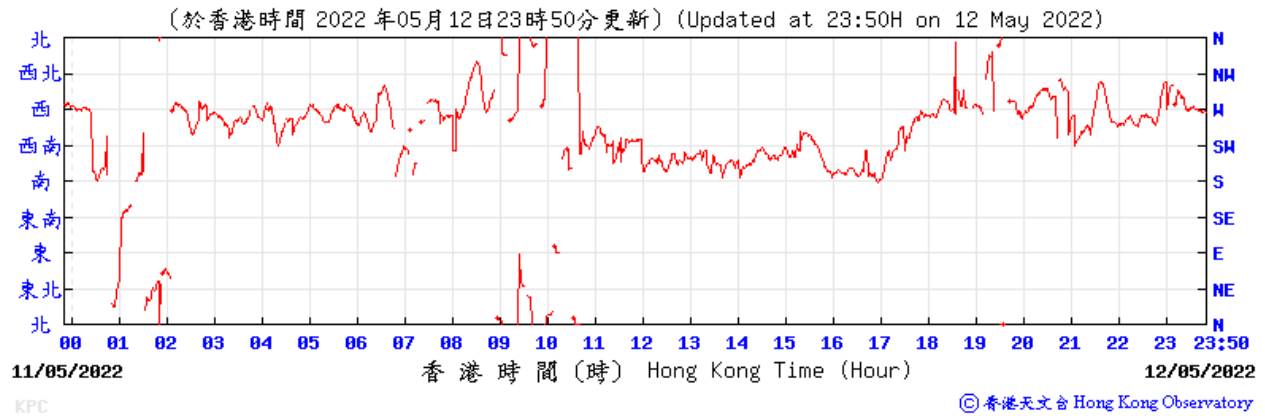
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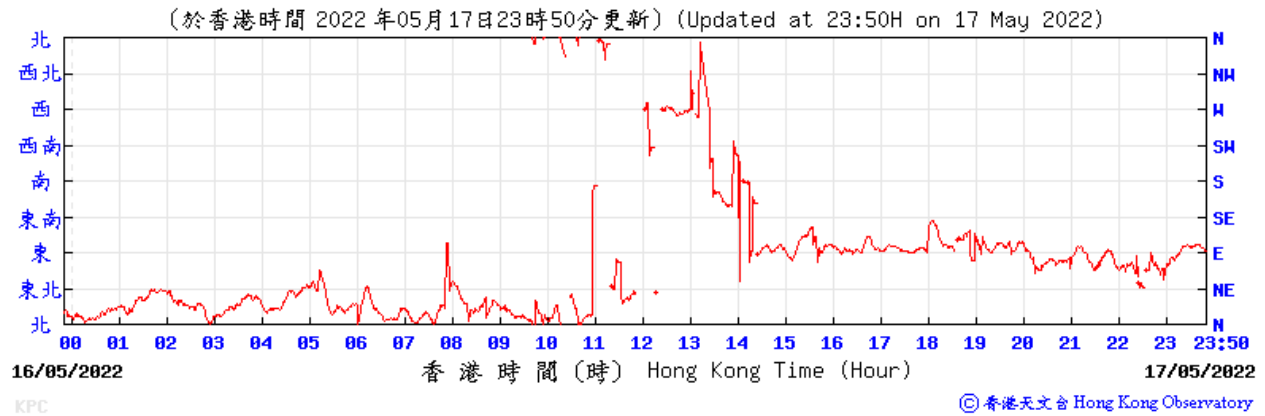
Wind Direction recorded at King's Park Meteorological Station on 11 May 2022



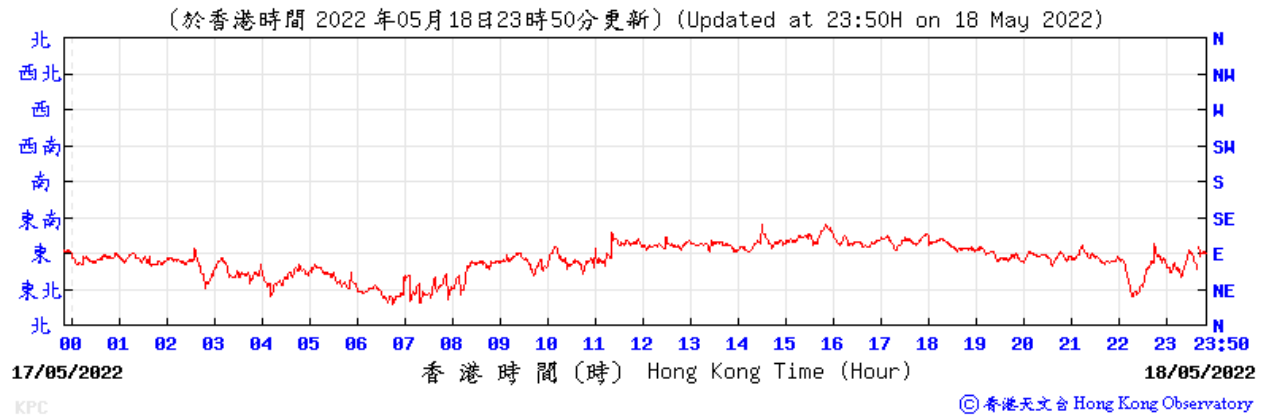
Wind Direction recorded at King's Park Meteorological Station on 12 May 2022



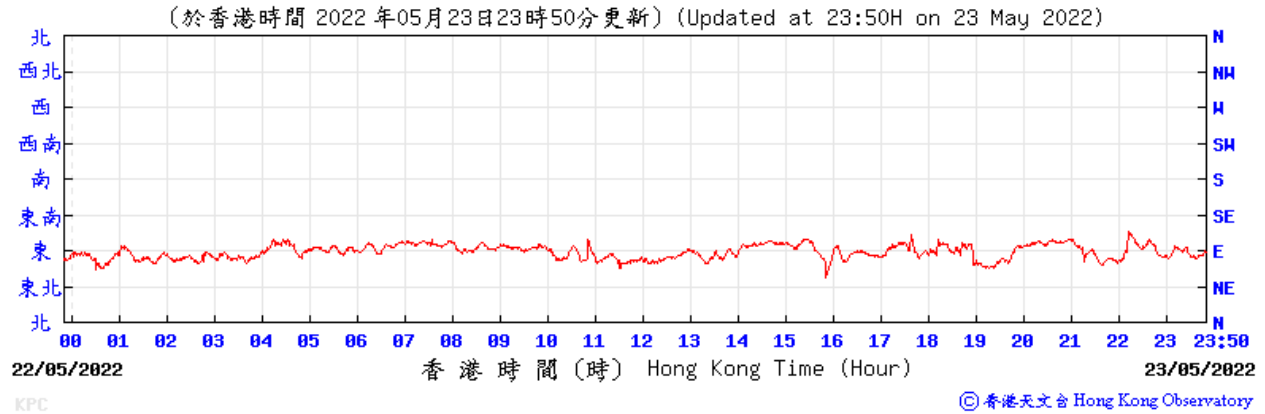
Wind Direction recorded at King's Park Meteorological Station on 17 May 2022



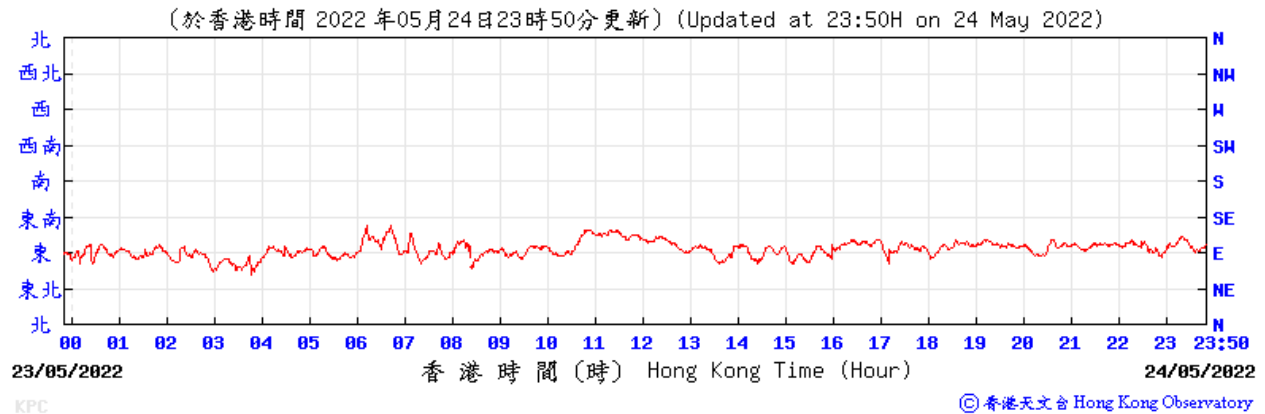
Wind Direction recorded at King's Park Meteorological Station on 18 May 2022



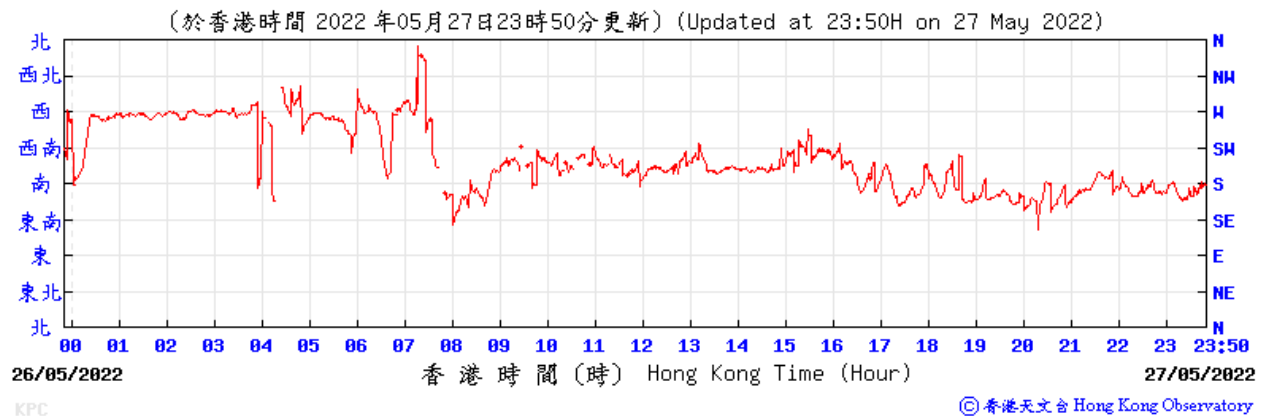
Wind Direction recorded at King's Park Meteorological Station on 23 May 2022



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