

Appendix G

Construction Dust Monitoring

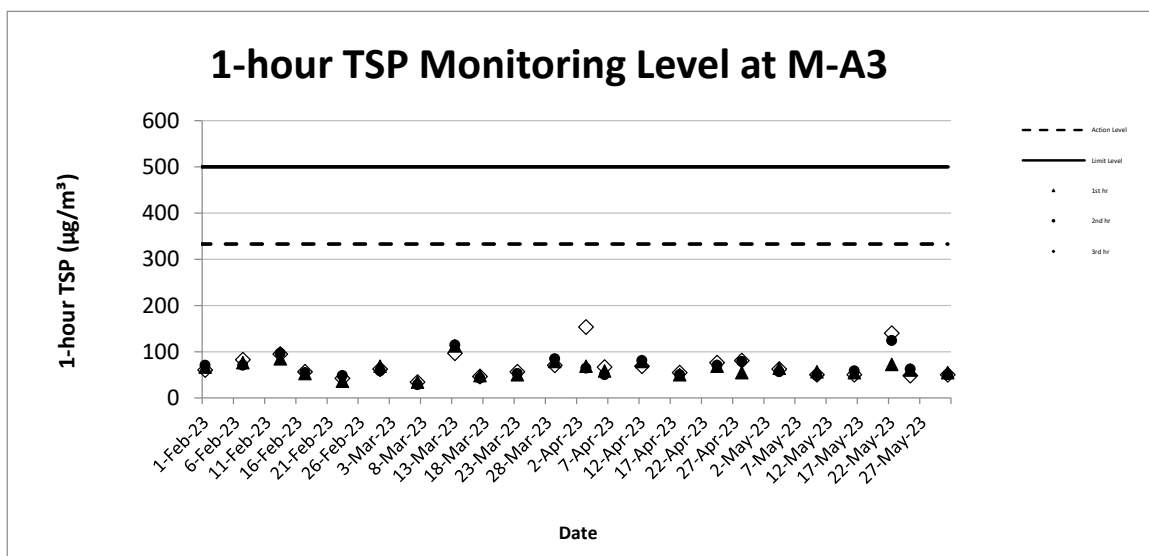
Results and Meteorological

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
4-May-23	10:07	64	56	62	61	333	500	Sunny
10-May-23	9:08	56	48	50	52			Cloudy
16-May-23	13:39	54	58	50	54			Fine
22-May-23	13:04	73	124	140	112			Fine
25-May-23	12:32	60	62	48	57			Sunny
31-May-23	13:25	54	50	50	52			Fine
Average		65						
Max		140						
Min		48						



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

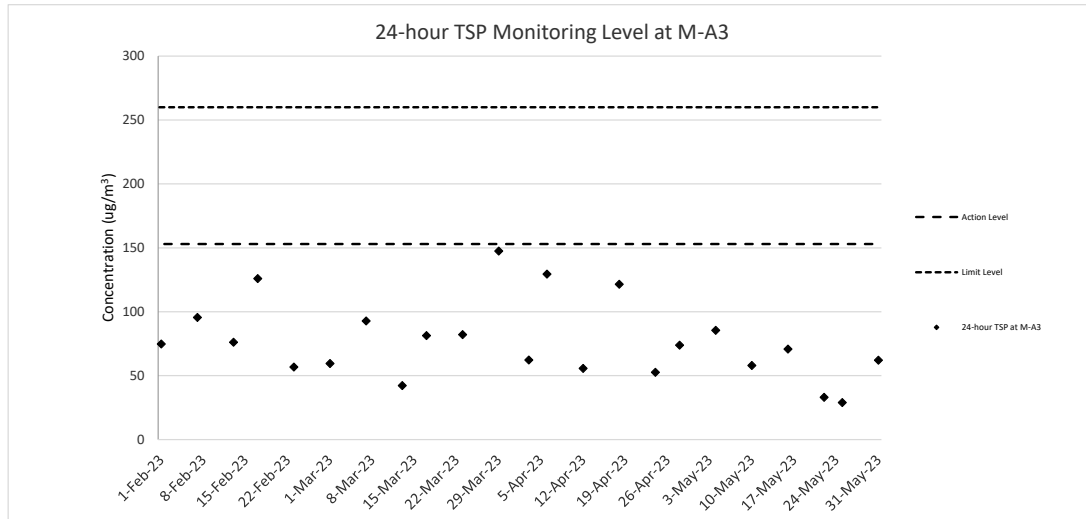
M-A3 - SKH Tsoi Kung Po Secondary School

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-May-23	Sunny	293.9	758.9	2.7496	2.8966	0.1470	24	1.18	1.21	1.19	1720.8	85	153	260
10-May-23	Cloudy	298.4	758.3	2.8143	2.9138	0.0995	24	1.17	1.21	1.19	1715.3	58		
16-May-23	Fine	298	759.3	2.7588	2.8804	0.1216	24	1.17	1.21	1.19	1716.2	71		
22-May-23	Fine	299.7	757.6	2.7540	2.8106	0.0566	24	1.17	1.21	1.19	1713.5	33		
25-May-23	Sunny	296.5	760.7	2.7965	2.8463	0.0498	24	1.18	1.21	1.19	1718.6	29		
31-May-23	Fine	297.1	760.4	2.7749	2.8817	0.1068	24	1.18	1.21	1.19	1717.7	62		
												Min		
												Max	85	
												Average	56	

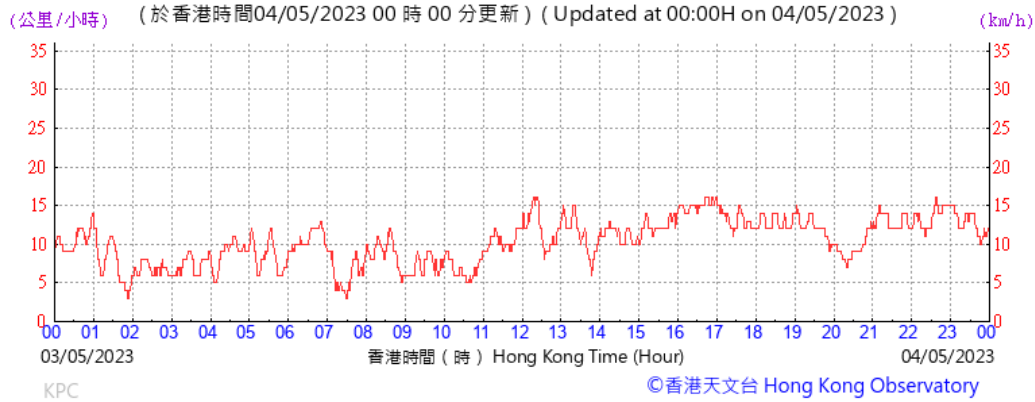
Note:

Underline: Exceedance of Action Level

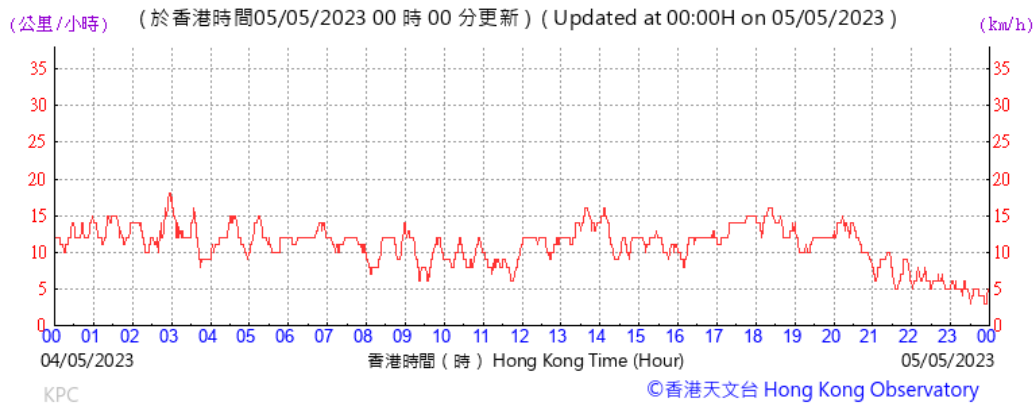
Underline and Bold: Exceedance of Limit Level



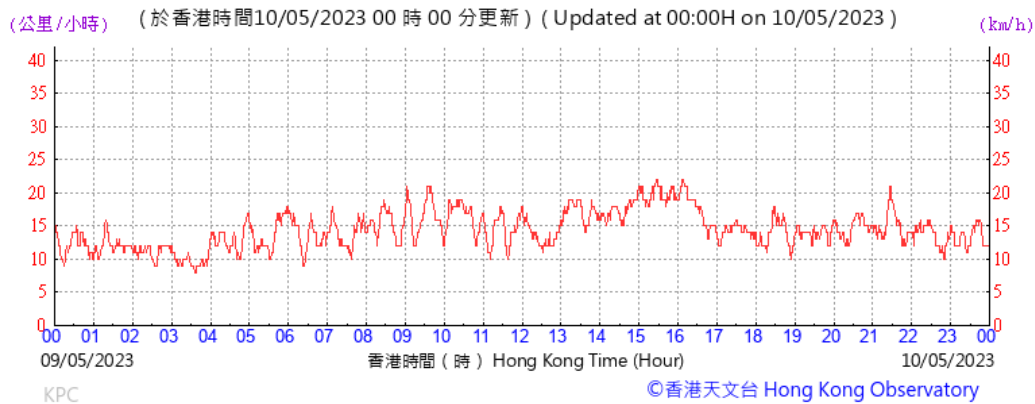
Wind Speed recorded at King's Park Meteorological Station on 4 May 2023



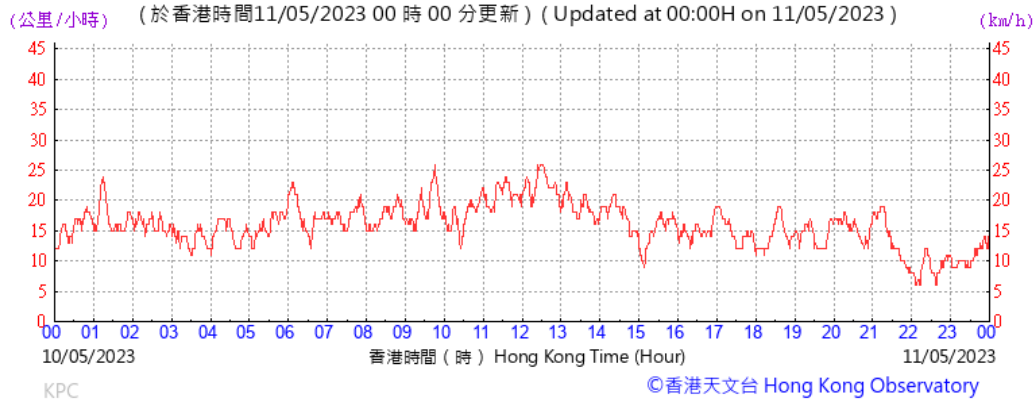
Wind Speed recorded at King's Park Meteorological Station on 5 May 2023



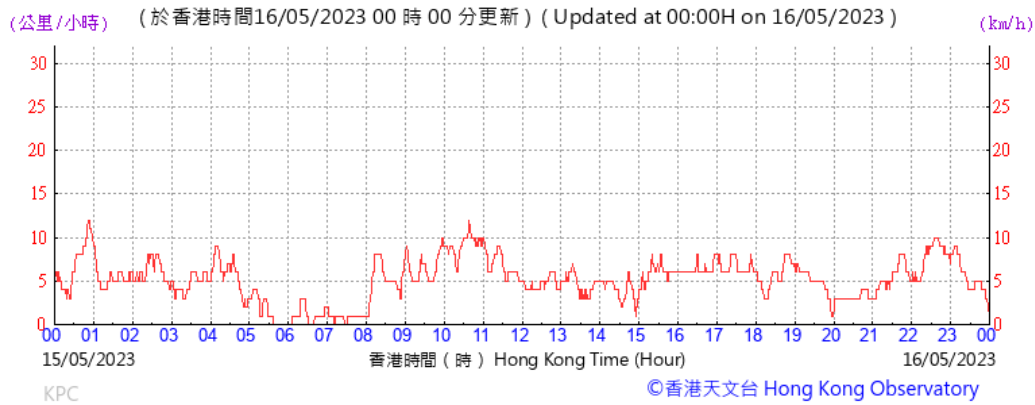
Wind Speed recorded at King's Park Meteorological Station on 10 May 2023



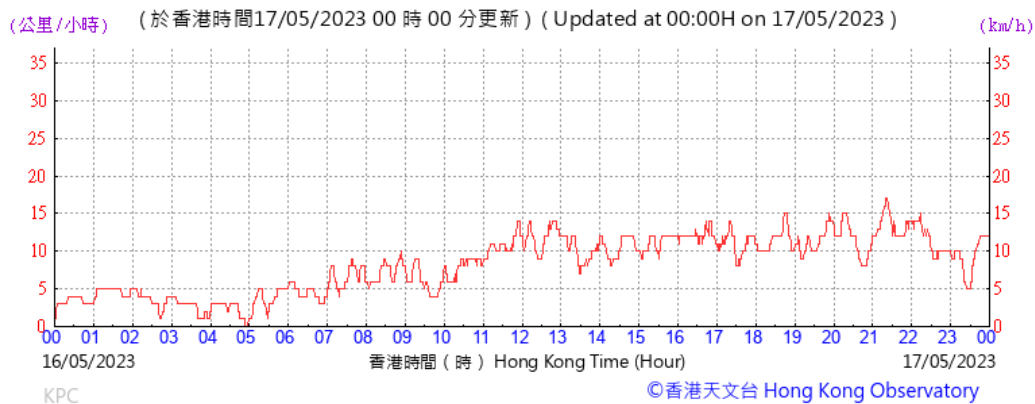
Wind Speed recorded at King's Park Meteorological Station on 11 May 2023



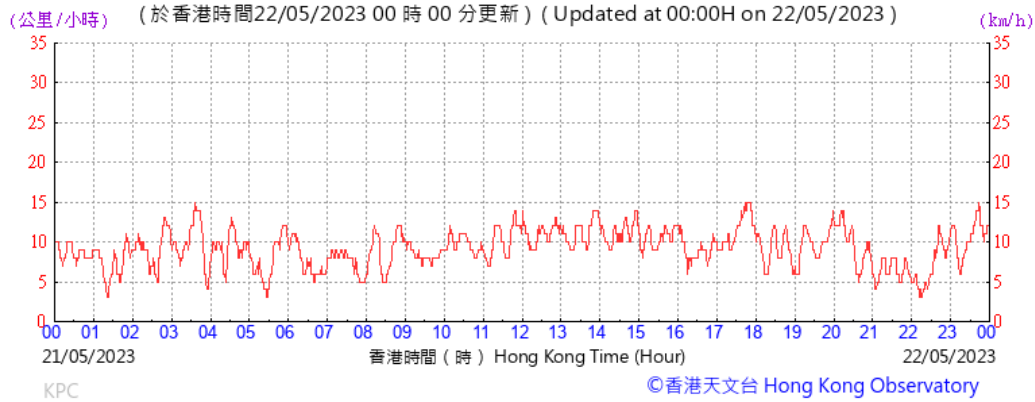
Wind Speed recorded at King's Park Meteorological Station on 16 May 2023



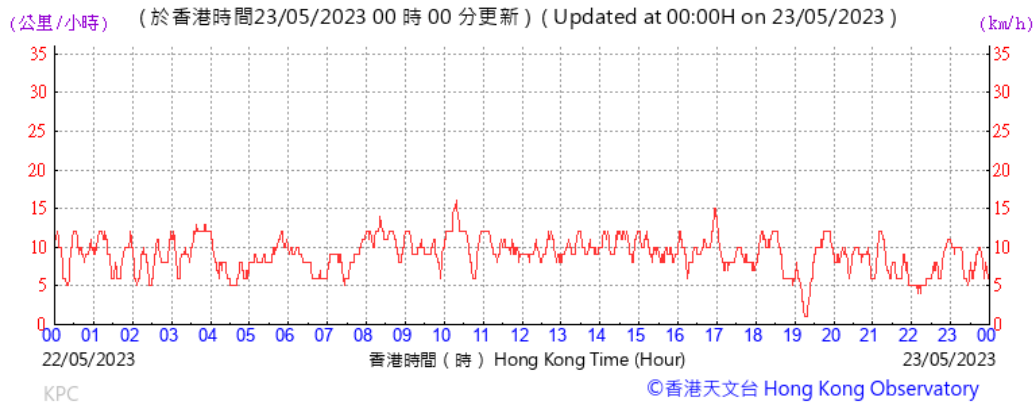
Wind Speed recorded at King's Park Meteorological Station on 17 May 2023



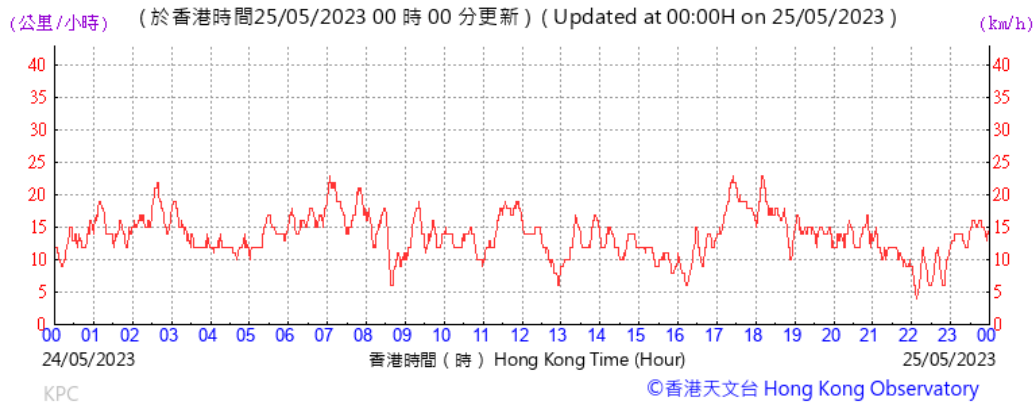
Wind Speed recorded at King's Park Meteorological Station on 22 May 2023



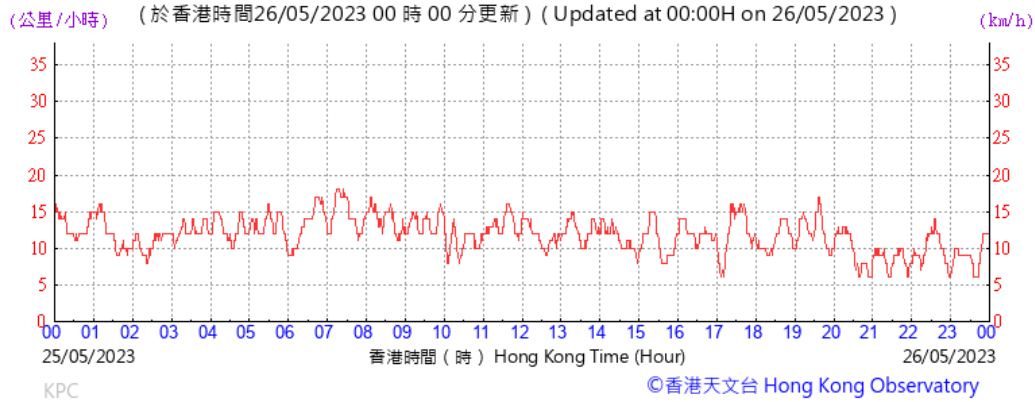
Wind Speed recorded at King's Park Meteorological Station on 23 May 2023



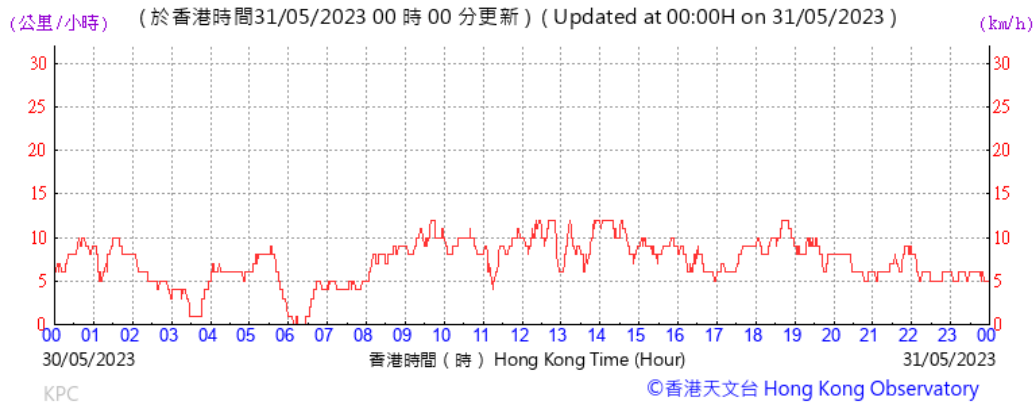
Wind Speed recorded at King's Park Meteorological Station on 25 May 2023



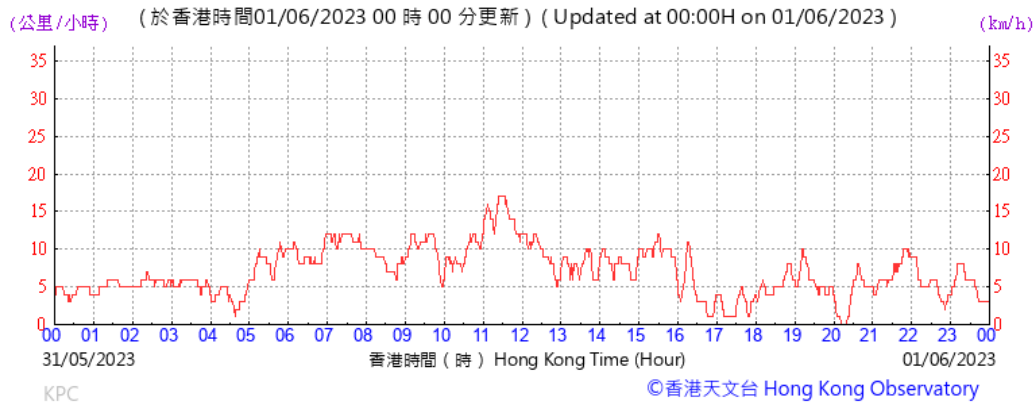
Wind Speed recorded at King's Park Meteorological Station on 26 May 2023



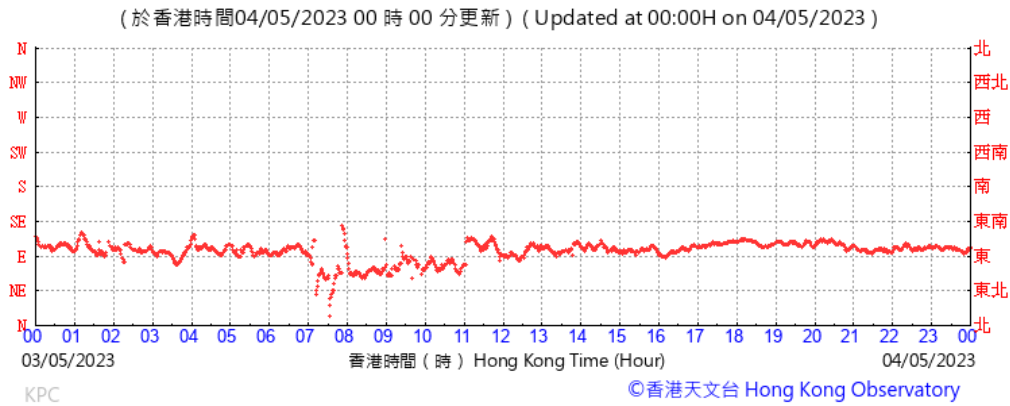
Wind Speed recorded at King's Park Meteorological Station on 31 May 2023



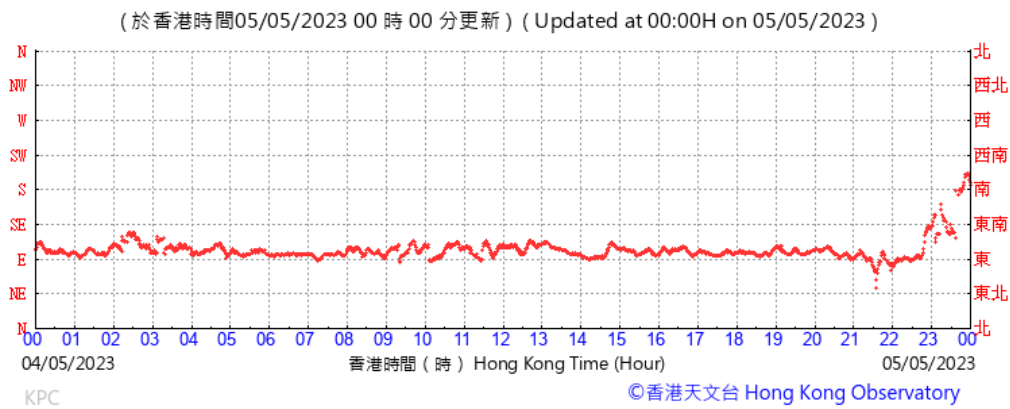
Wind Speed recorded at King's Park Meteorological Station on 1 June 2023



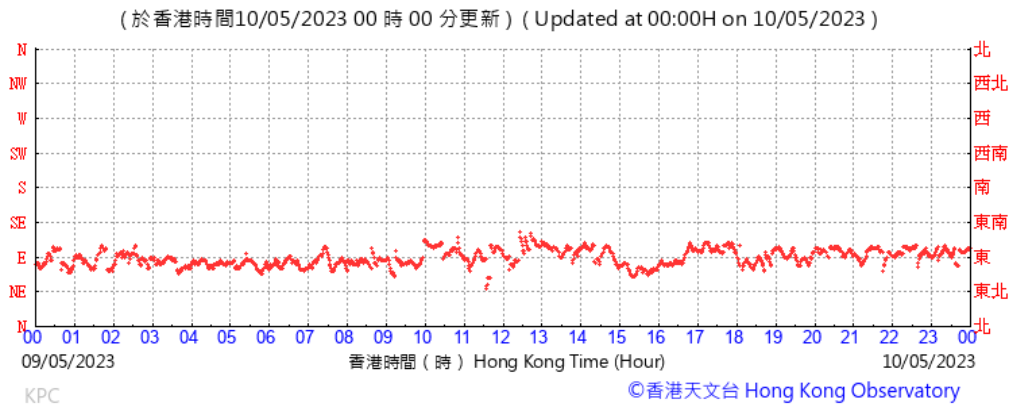
Wind Direction recorded at King's Park Meteorological Station on 4 May 2023



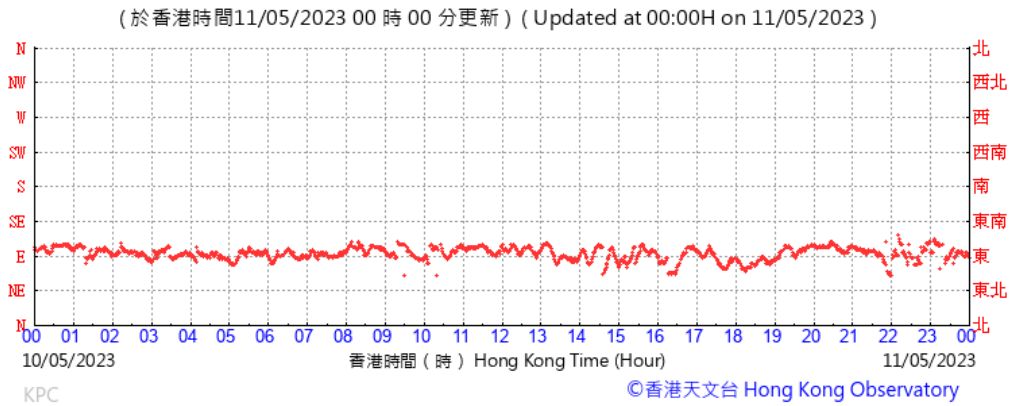
Wind Direction recorded at King's Park Meteorological Station on 5 May 2023



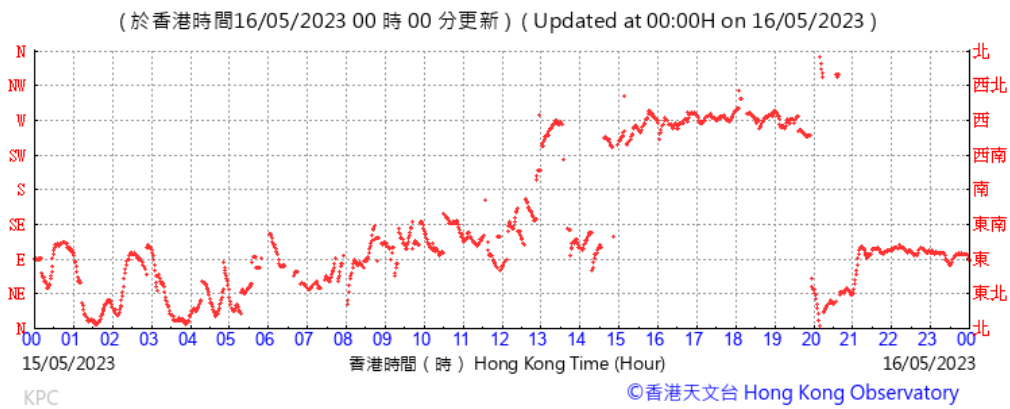
Wind Direction recorded at King's Park Meteorological Station on 10 May 2023



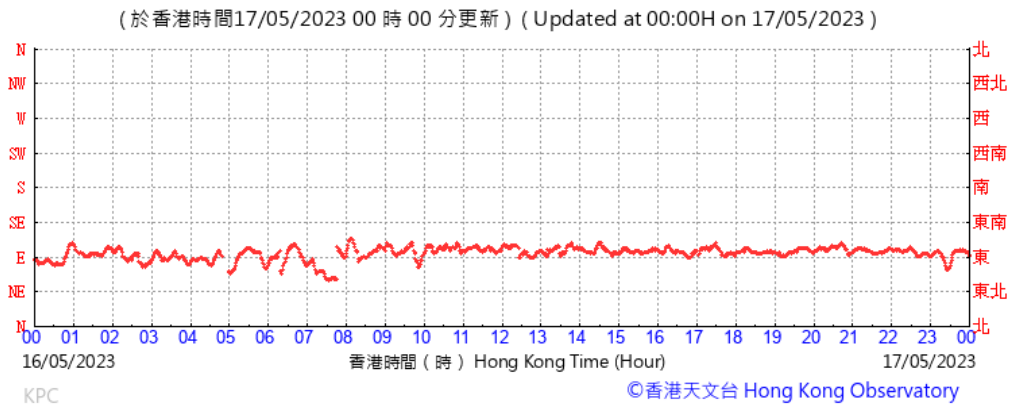
Wind Direction recorded at King's Park Meteorological Station on 11 May 2023



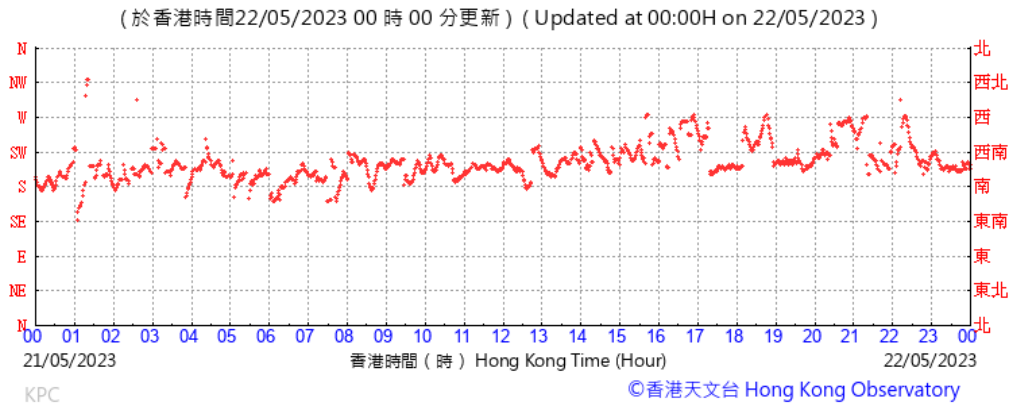
Wind Direction recorded at King's Park Meteorological Station on 16 May 2023



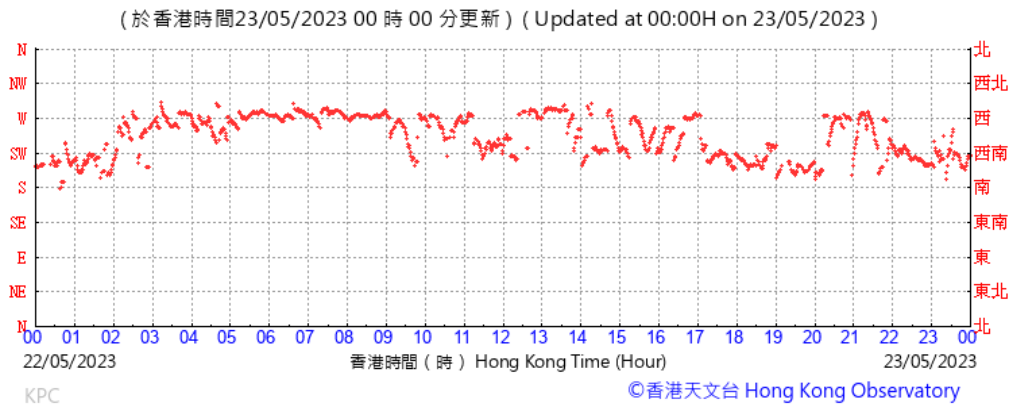
Wind Direction recorded at King's Park Meteorological Station on 17 May 2023



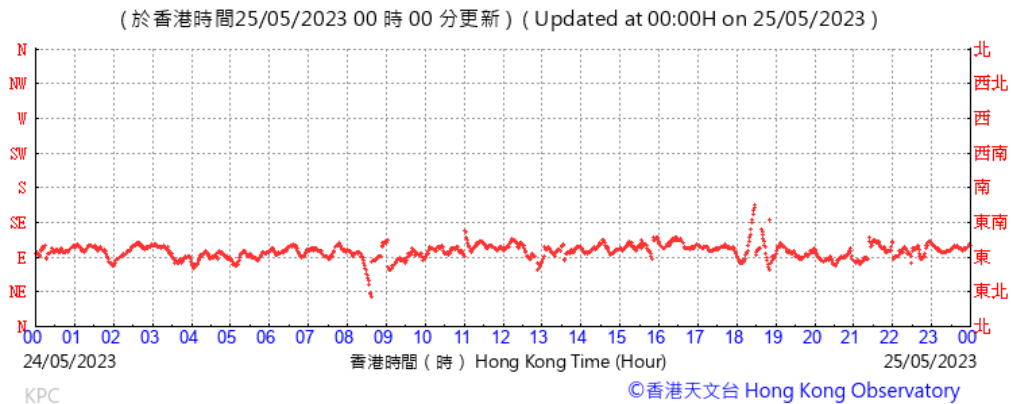
Wind Direction recorded at King's Park Meteorological Station on 22 May 2023



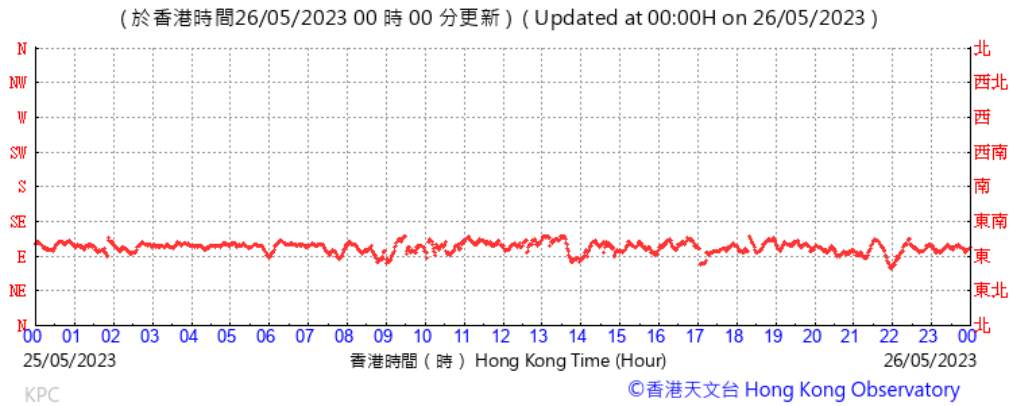
Wind Direction recorded at King's Park Meteorological Station on 23 May 2023



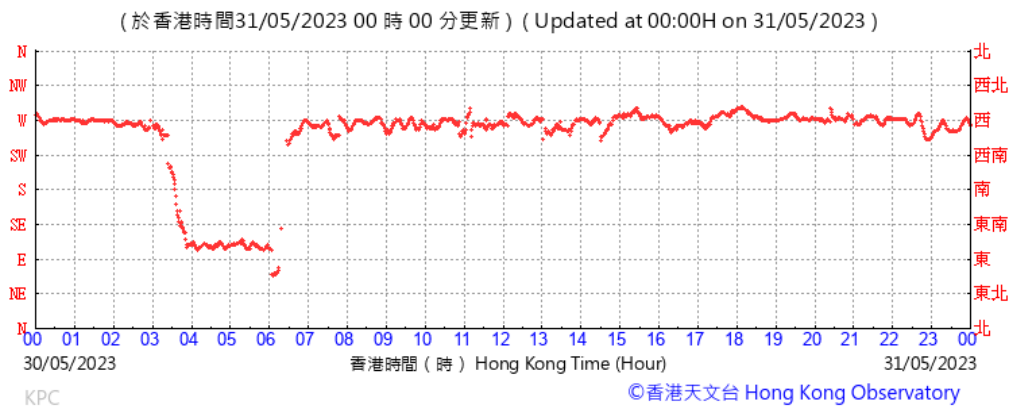
Wind Direction recorded at King's Park Meteorological Station on 25 May 2023



Wind Direction recorded at King's Park Meteorological Station on 26 May 2023



Wind Direction recorded at King's Park Meteorological Station on 31 May 2023



Wind Direction recorded at King's Park Meteorological Station on 1 June 2023

