

Appendix G

Construction Dust Monitoring

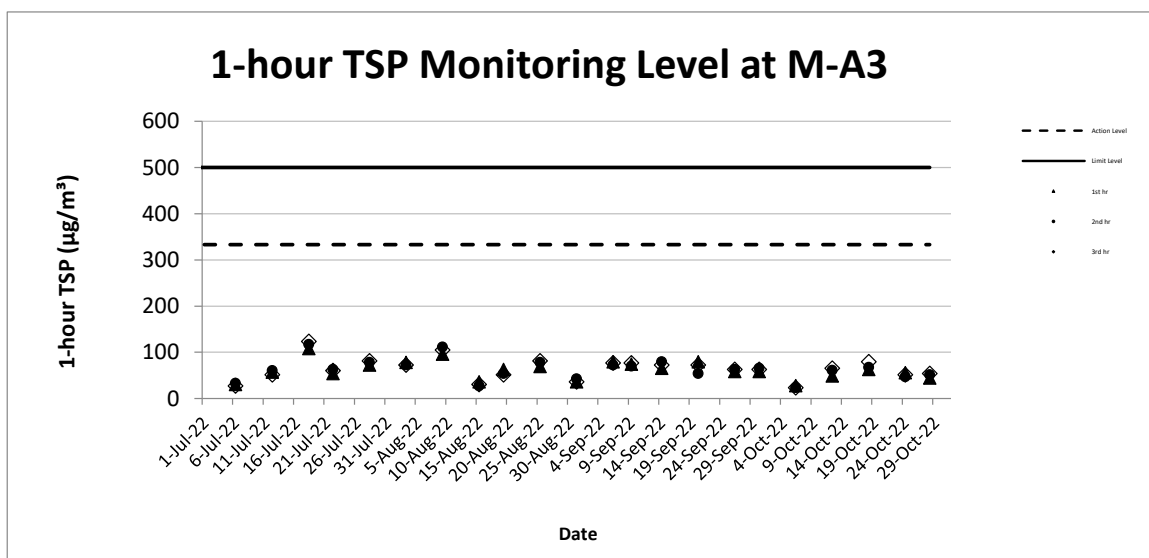
Results and Meteorological

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
6-Oct-22	14:30	28	23	23	25	333	500	Sunny
12-Oct-22	12:41	49	60	65	58			Fine
18-Oct-22	8:53	63	67	79	70			Sunny
24-Oct-22	8:58	56	47	51	51			Fine
28-Oct-22	8:57	44	51	53	50			Fine
Average		51						
Max		79						
Min		23						



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

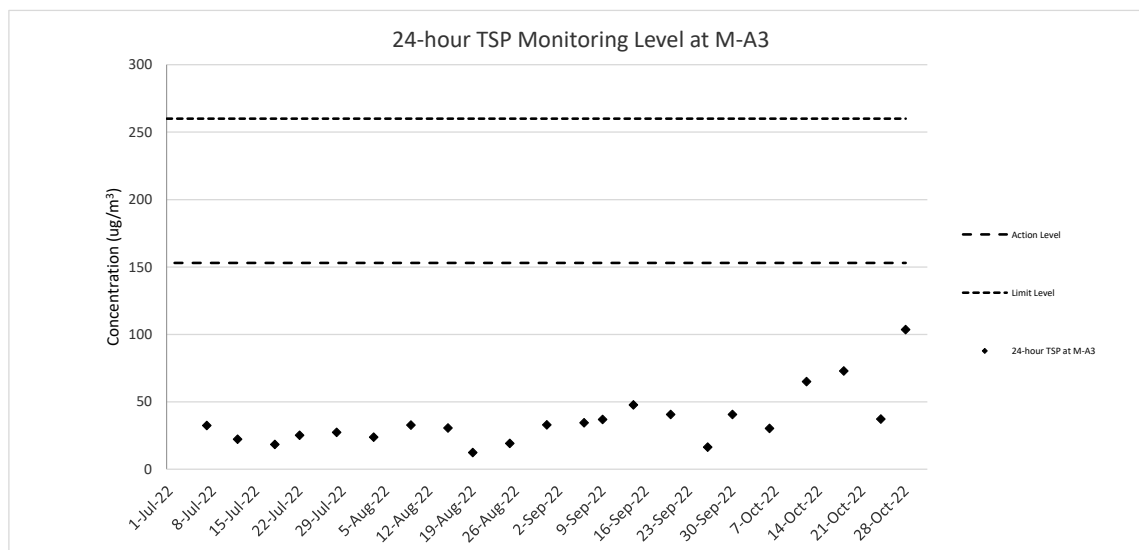
M-A3 - SKH Tsoi Kung Po Secondary School

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-22	Sunny	301.9	761.3	2.7739	2.8238	0.0499	24	1.12	1.17	1.15	1653.4	30	153	260	
12-Oct-22	Fine	298.2	761.6	2.6756	2.7834	0.1078	24	1.13	1.17	1.15	1661.3	65			
18-Oct-22	Sunny	293.9	760.0	2.6624	2.7840	0.1216	24	1.14	1.17	1.16	1669.1	73			
24-Oct-22	Fine	298.2	762.1	2.6343	2.6960	0.0617	24	1.13	1.17	1.15	1661.7	37			
28-Oct-22	Fine	298.5	761.6	2.6690	2.8409	0.1719	24	1.13	1.17	1.15	1660.7	104			
												Min	30		
												Max	104		
												Average	62		

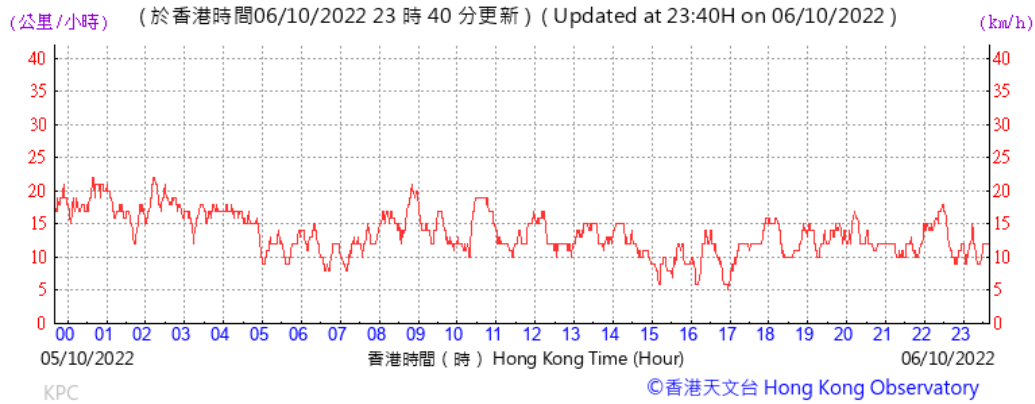
Note:

Underline: Exceedance of Action Level

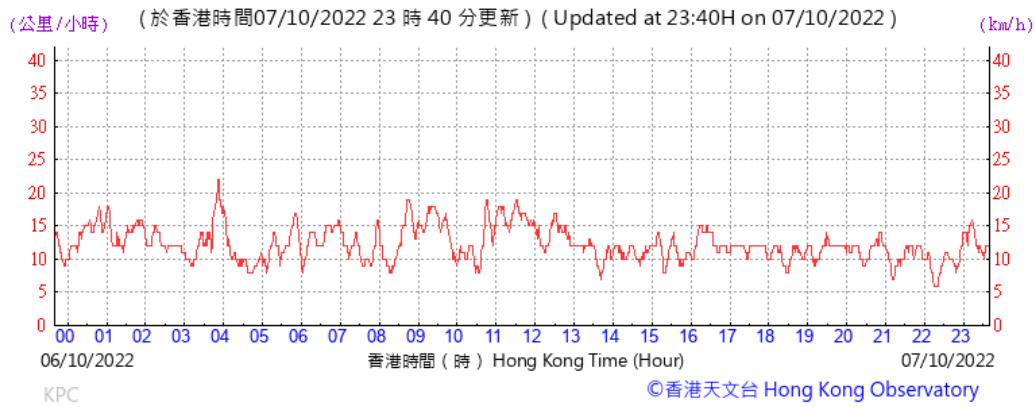
Underline and Bold: Exceedance of Limit Level



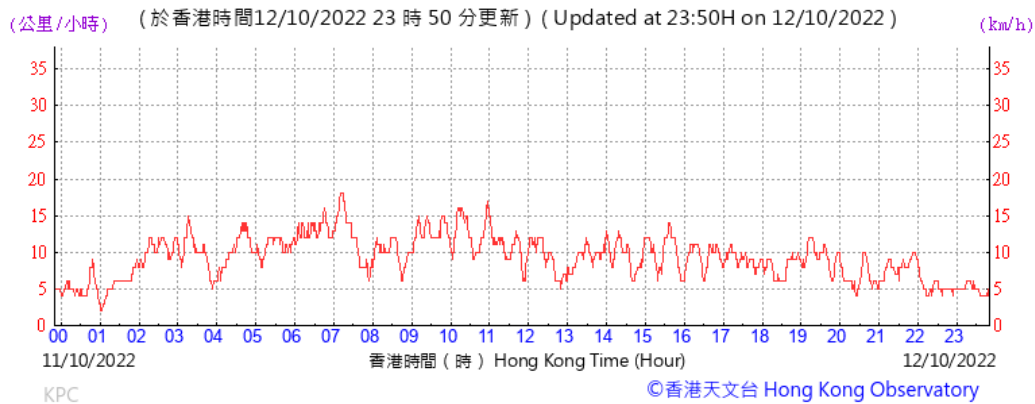
Wind Speed recorded at King's Park Meteorological Station on 6 October 2022



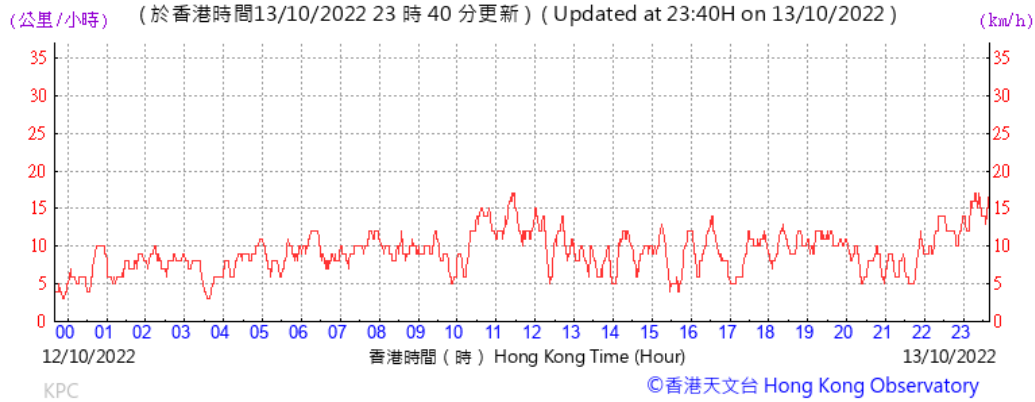
Wind Speed recorded at King's Park Meteorological Station on 7 October 2022



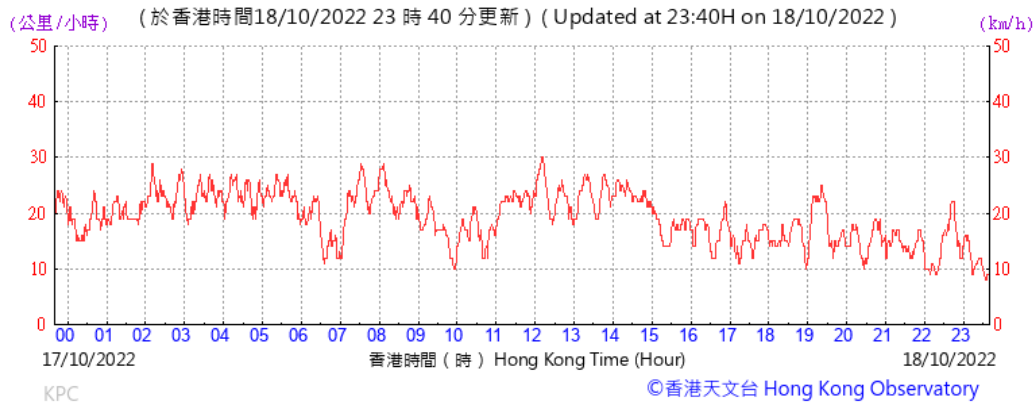
Wind Speed recorded at King's Park Meteorological Station on 12 October 2022



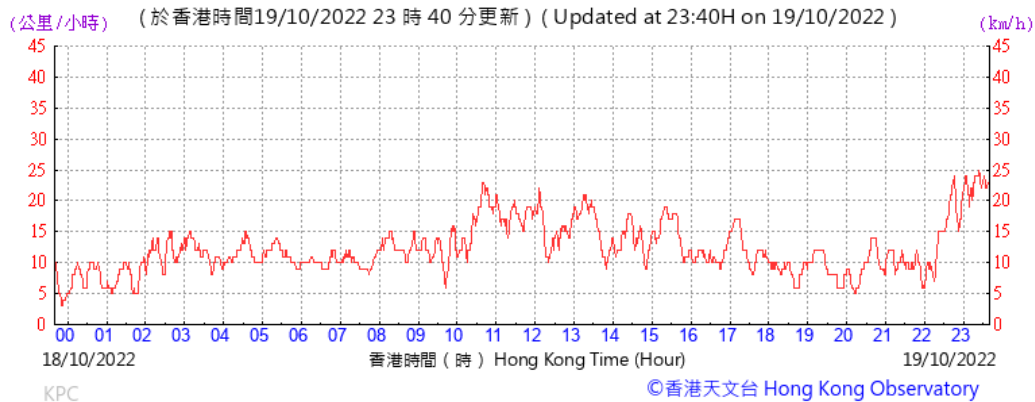
Wind Speed recorded at King's Park Meteorological Station on 13 October 2022



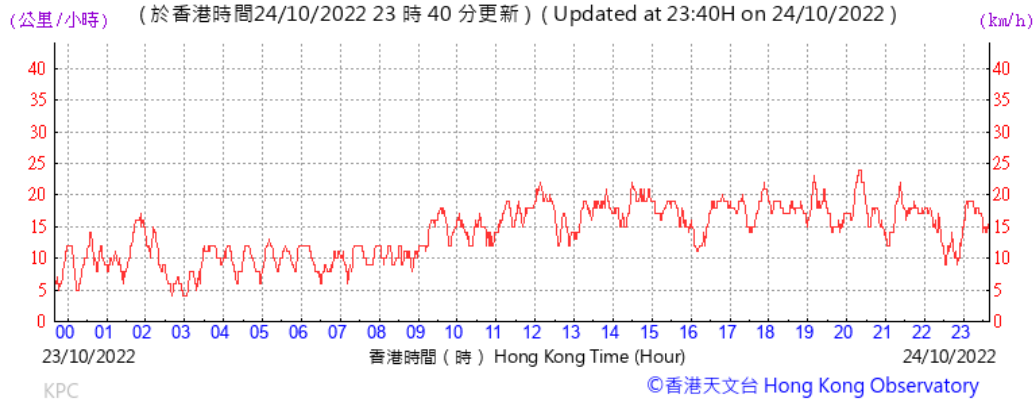
Wind Speed recorded at King's Park Meteorological Station on 18 October 2022



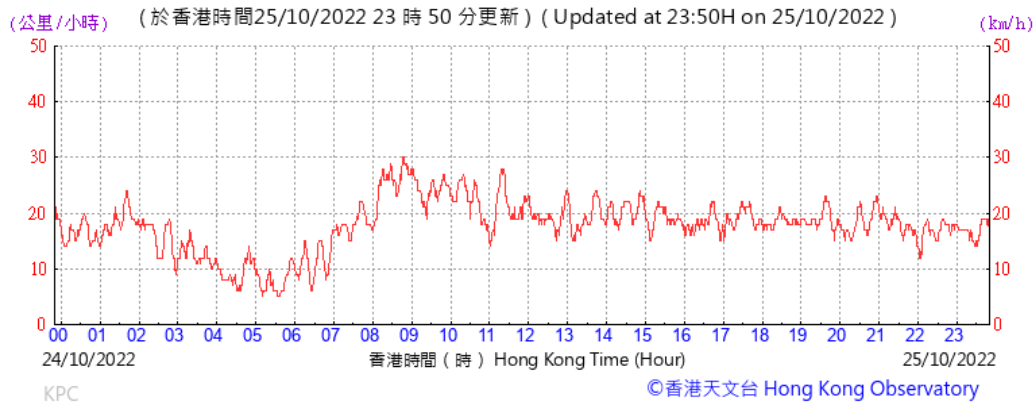
Wind Speed recorded at King's Park Meteorological Station on 19 October 2022



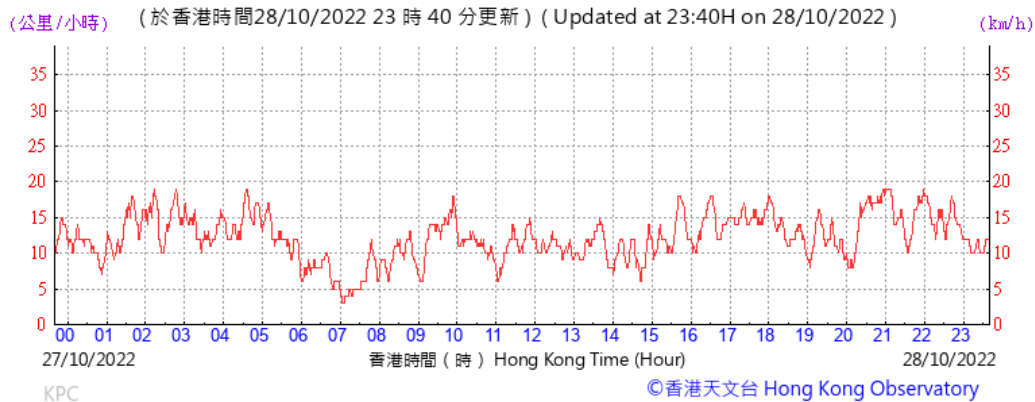
Wind Speed recorded at King's Park Meteorological Station on 24 October 2022



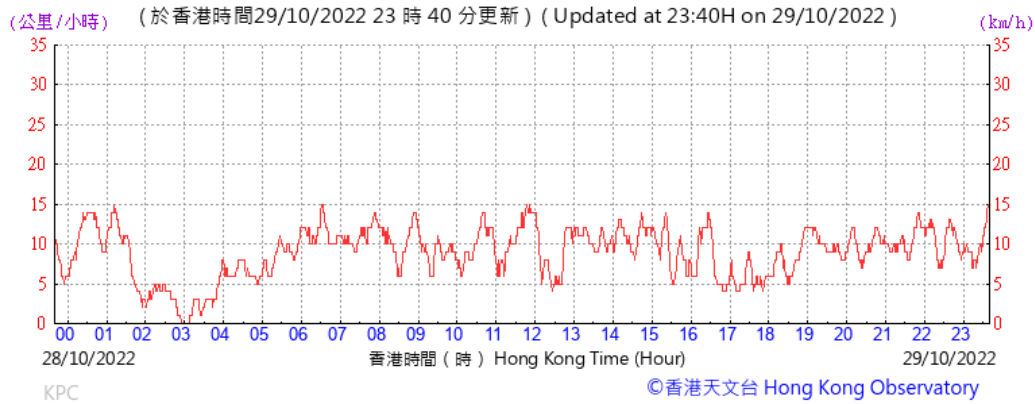
Wind Speed recorded at King's Park Meteorological Station on 25 October 2022



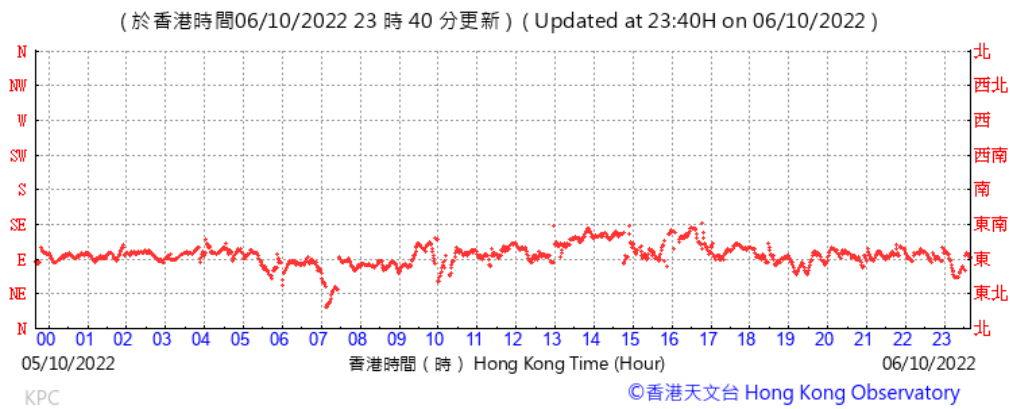
Wind Speed recorded at King's Park Meteorological Station on 28 October 2022



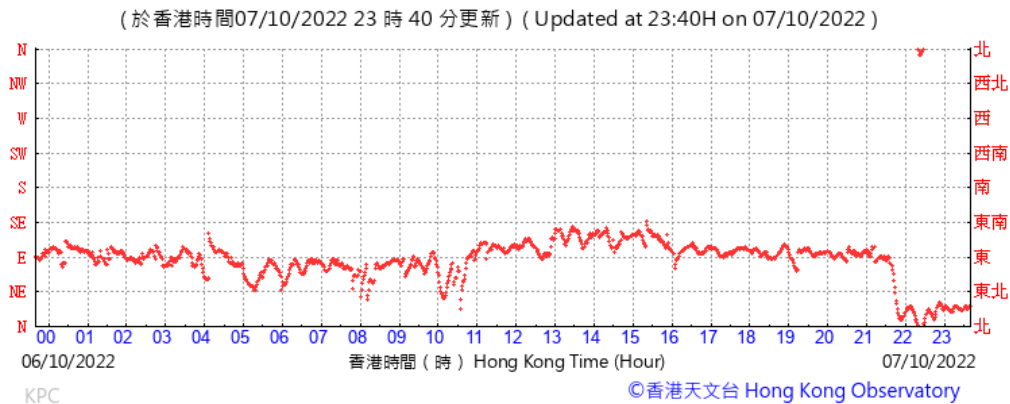
Wind Speed recorded at King's Park Meteorological Station on 29 October 2022



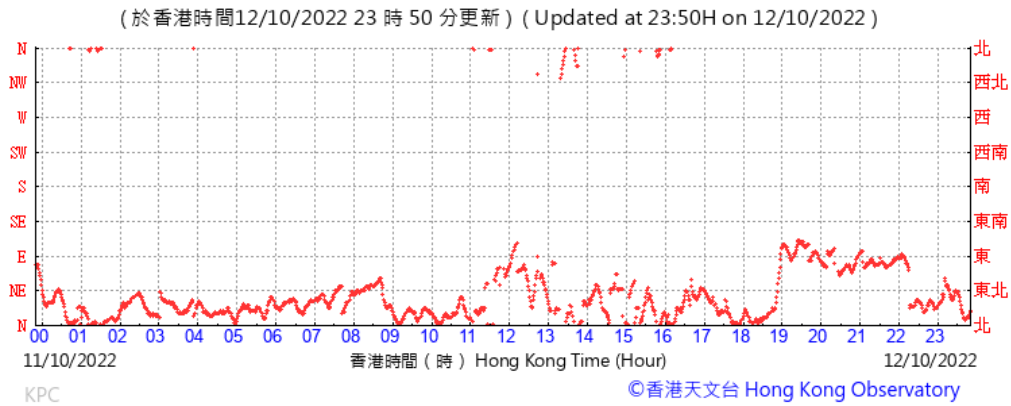
Wind Direction recorded at King's Park Meteorological Station on 6 October 2022



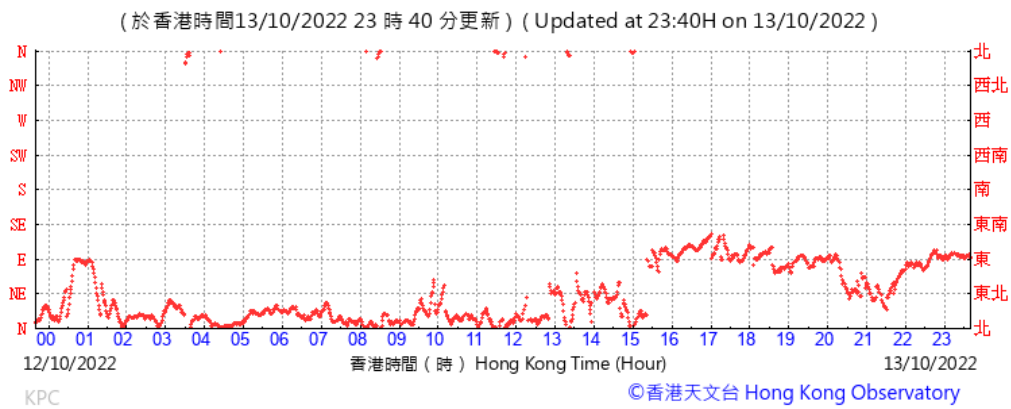
Wind Direction recorded at King's Park Meteorological Station on 7 October 2022



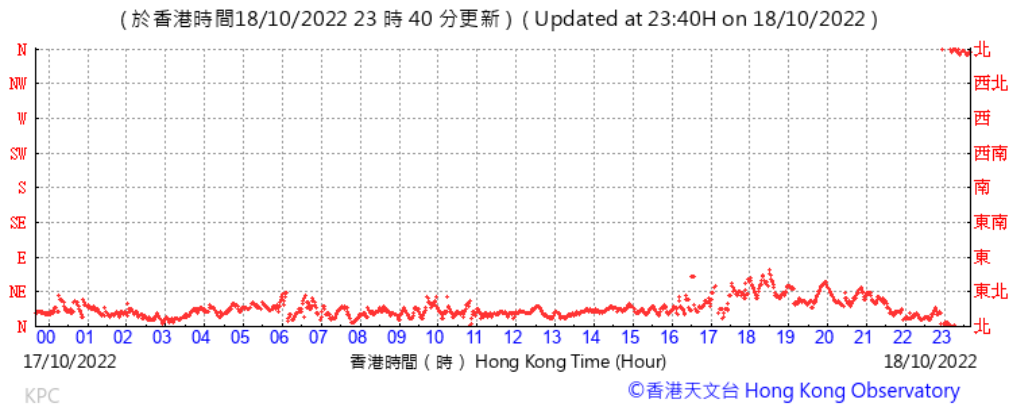
Wind Direction recorded at King's Park Meteorological Station on 12 October 2022



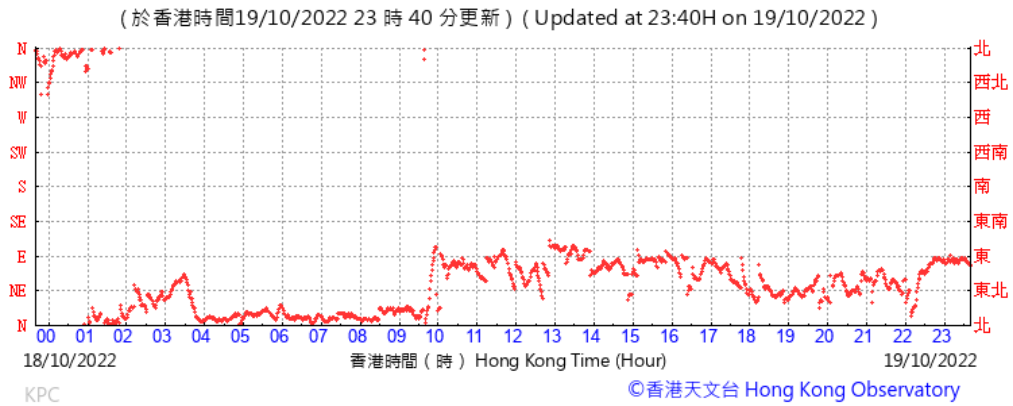
Wind Direction recorded at King's Park Meteorological Station on 13 October 2022



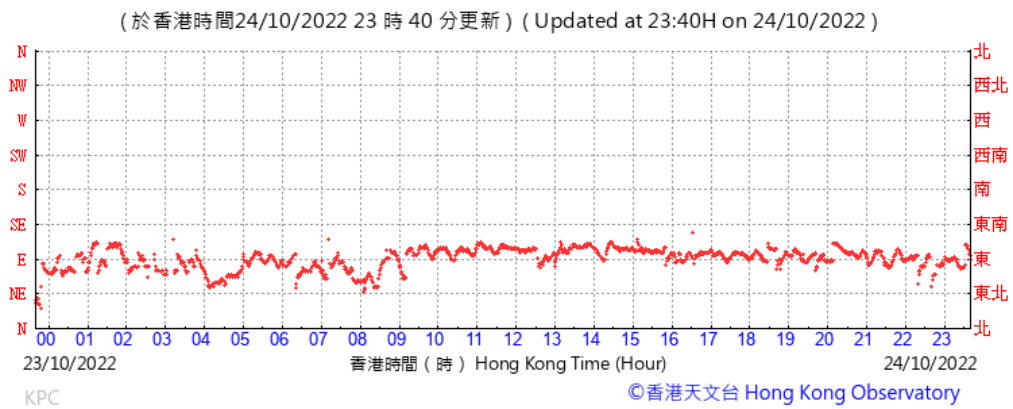
Wind Direction recorded at King's Park Meteorological Station on 18 October 2022



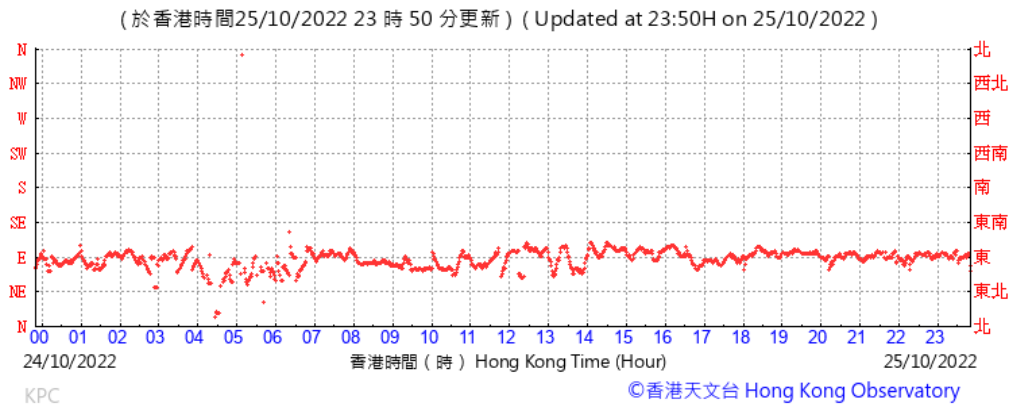
Wind Direction recorded at King's Park Meteorological Station on 19 October 2022



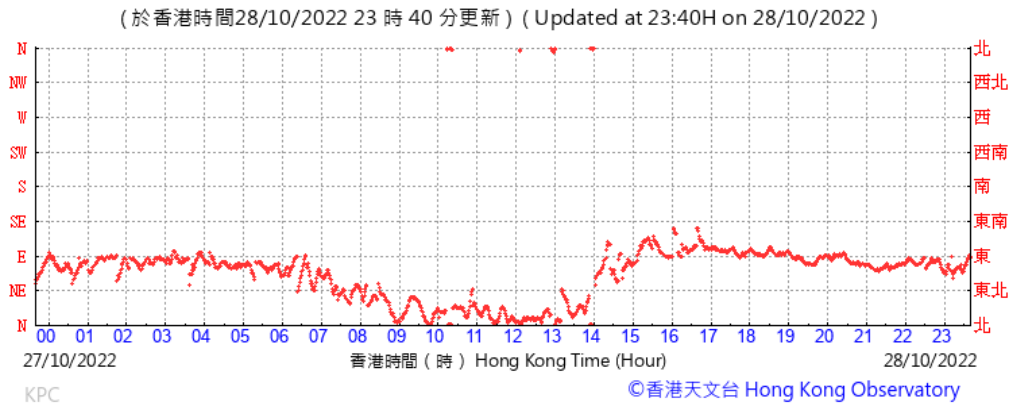
Wind Direction recorded at King's Park Meteorological Station on 24 October 2022



Wind Direction recorded at King's Park Meteorological Station on 25 October 2022



Wind Direction recorded at King's Park Meteorological Station on 28 October 2022



Wind Direction recorded at King's Park Meteorological Station on 29 October 2022

