

Appendix G

Construction Dust Monitoring

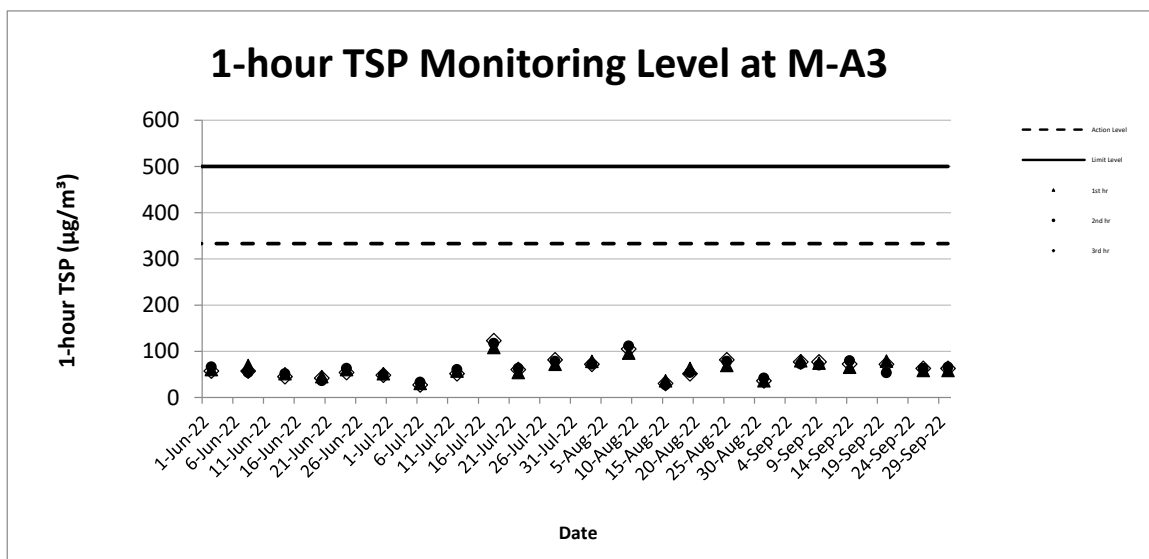
Results and Meteorological

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-Sep-22	12:34	79	72	77	76	333	500	Fine
9-Sep-22	12:43	74	70	77	74			Sunny
14-Sep-22	12:51	65	79	72	72			Sunny
20-Sep-22	8:33	79	53	72	68			Sunny
26-Sep-22	8:57	58	63	63	61			Sunny
30-Sep-22	8:56	58	65	63	62			Cloudy
Average		69						
Max		79						
Min		53						

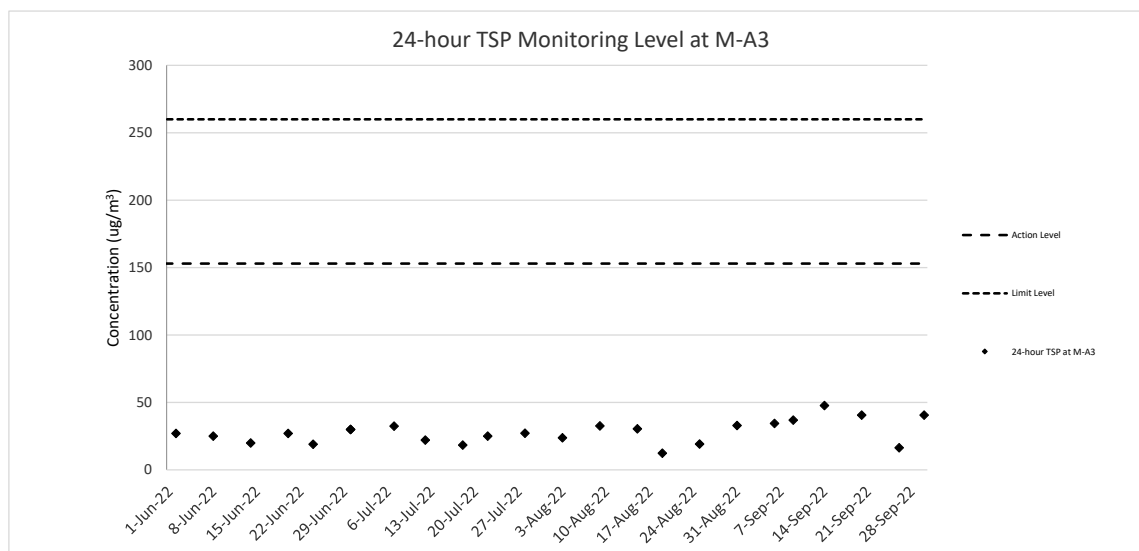


24-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

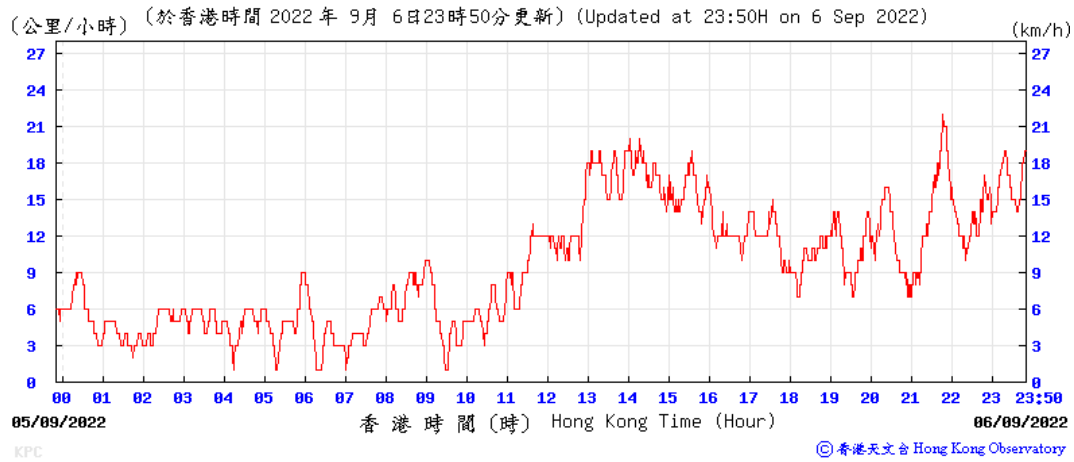
M-A3 - SKH Tsoi Kung Po Secondary School

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-Sep-22	Fine	303.8	756.2	2.7637	2.8430	0.0793	24	1.59	1.61	1.60	2302.5	34	153	260
9-Sep-22	Sunny	302.6	759.9	2.6802	2.7652	0.0850	24	1.59	1.61	1.60	2304.5	37		
14-Sep-22	Sunny	304.7	755.3	2.7581	2.8678	0.1097	24	1.59	1.61	1.60	2301.5	48		
20-Sep-22	Sunny	301.9	756.2	2.6567	2.7502	0.0935	24	1.59	1.61	1.60	2303.9	41		
26-Sep-22	Sunny	302.4	756.9	2.7528	2.7904	0.0376	24	1.59	1.61	1.60	2303.8	16		
30-Sep-22	Cloudy	299.4	759.3	2.7640	2.7939	0.0672	24	1.59	1.61	1.60	1656.9	41		
											Min	16		
											Max	48		
											Average	36		

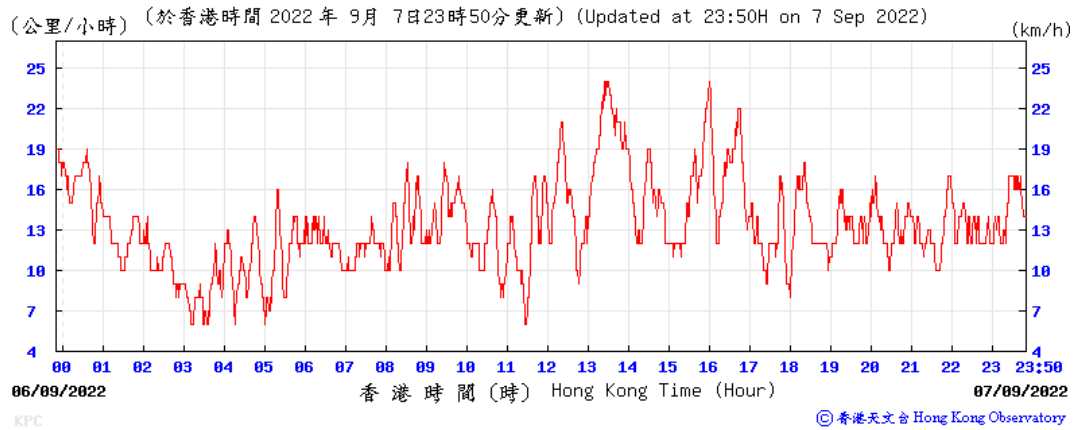
Note:
 Underline: Exceedance of Action Level
 Underline and Bold: Exceedance of Limit Level



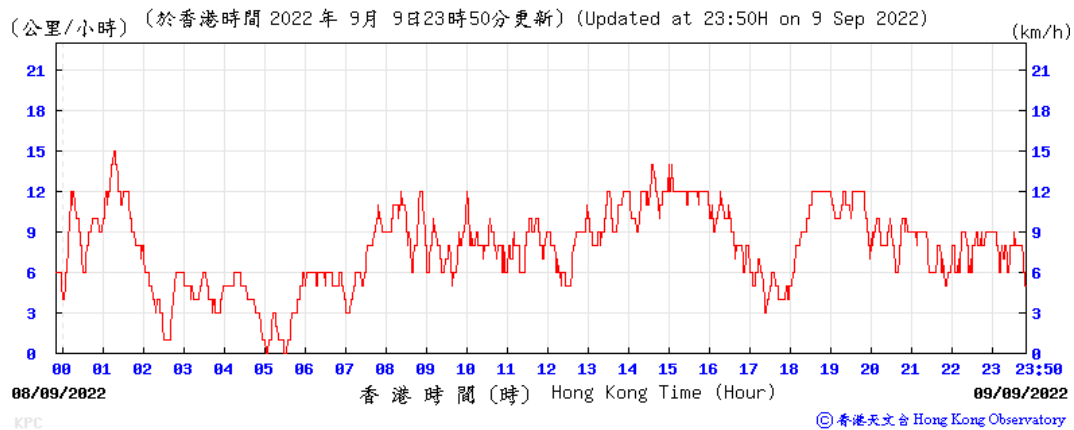
Wind Speed recorded at King's Park Meteorological Station on 6 September 2022



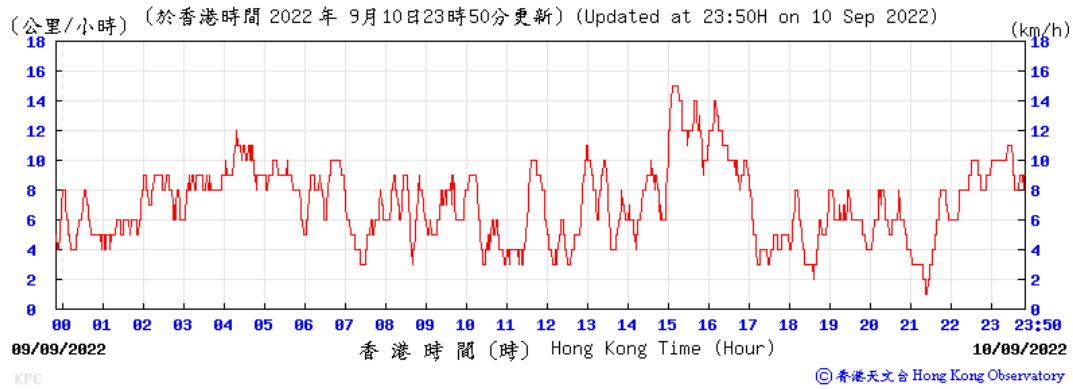
Wind Speed recorded at King's Park Meteorological Station on 7 September 2022



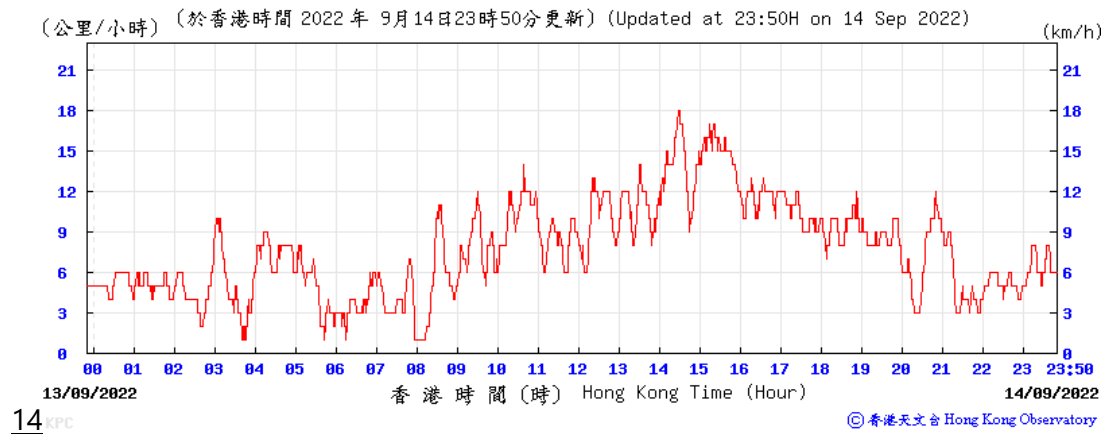
Wind Speed recorded at King's Park Meteorological Station on 9 September 2022



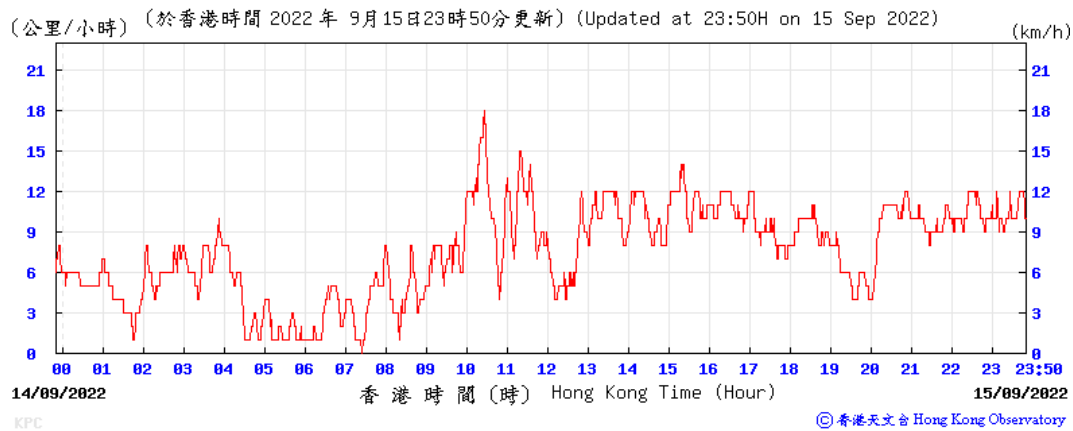
Wind Speed recorded at King's Park Meteorological Station on 10 September 2022



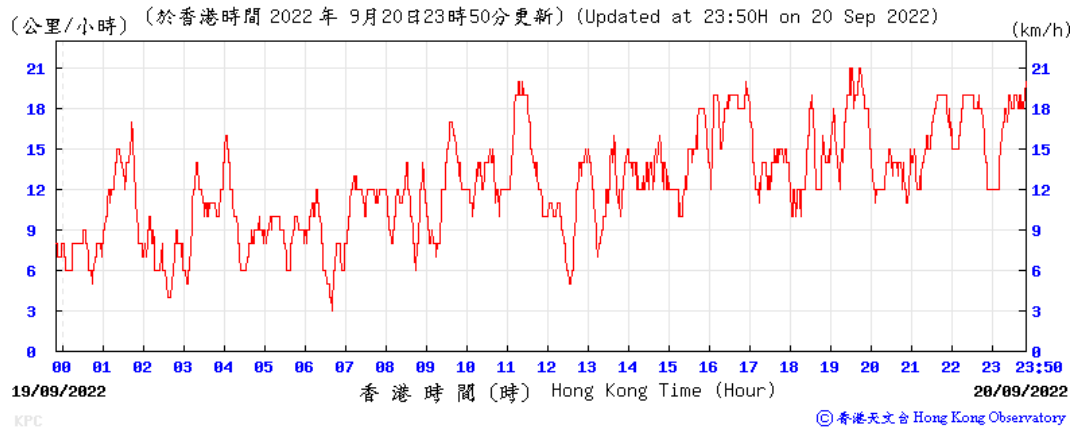
Wind Speed recorded at King's Park Meteorological Station on 14 September 2022



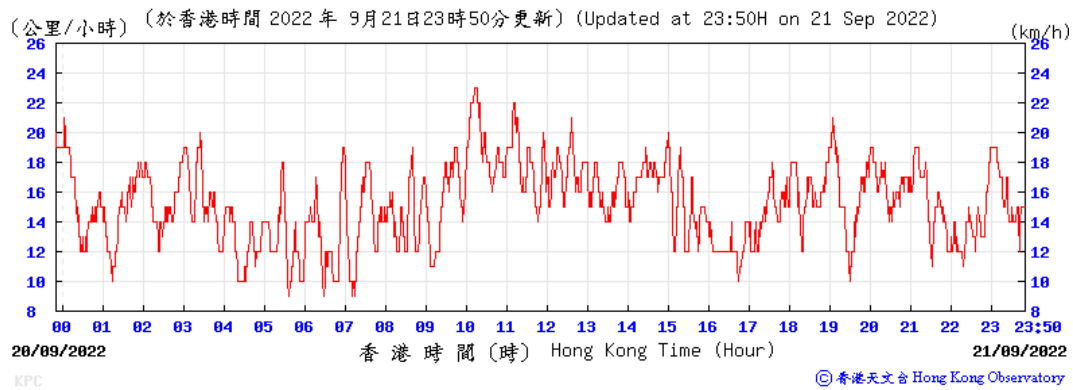
Wind Speed recorded at King's Park Meteorological Station on 15 September 2022



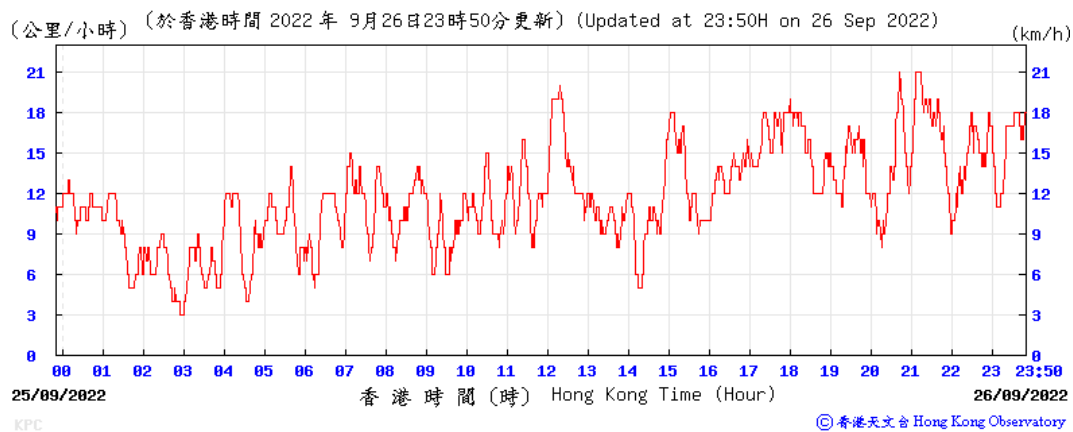
Wind Speed recorded at King's Park Meteorological Station on 20 September 2022



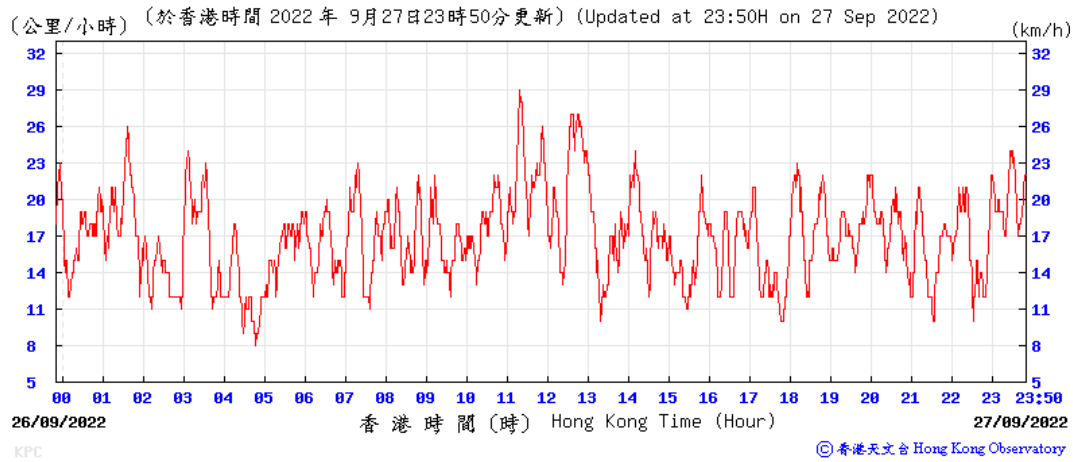
Wind Speed recorded at King's Park Meteorological Station on 21 September 2022



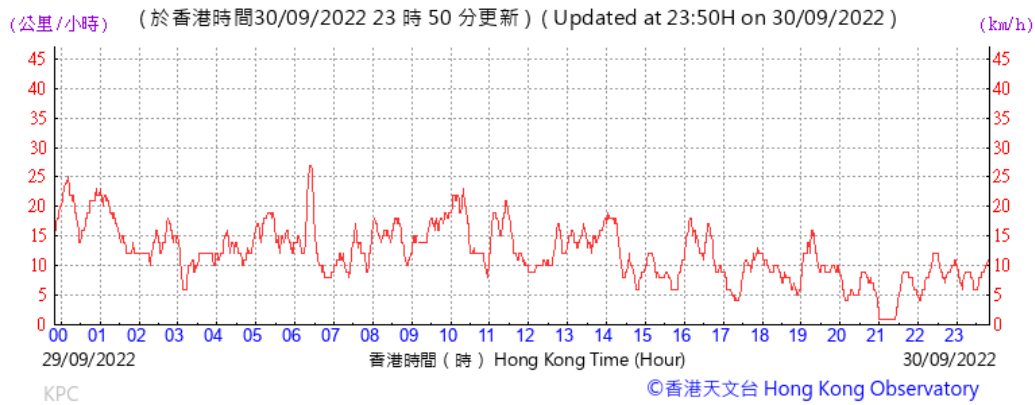
Wind Speed recorded at King's Park Meteorological Station on 26 September 2022



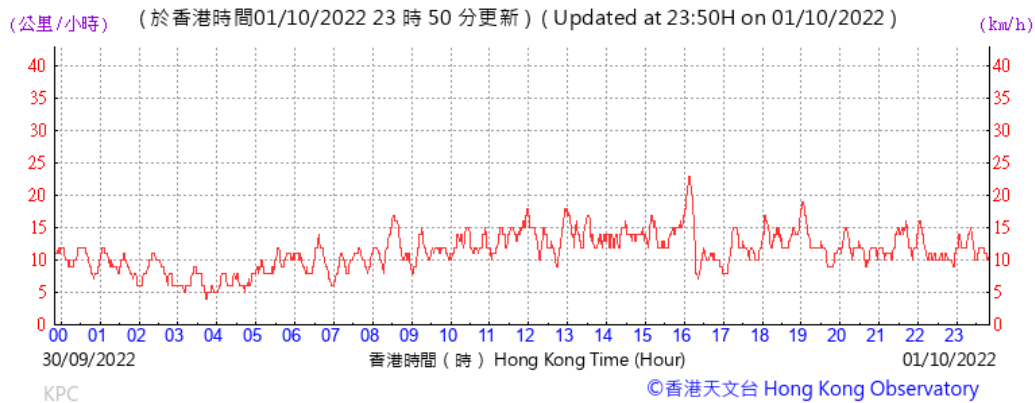
Wind Speed recorded at King's Park Meteorological Station on 27 September 2022



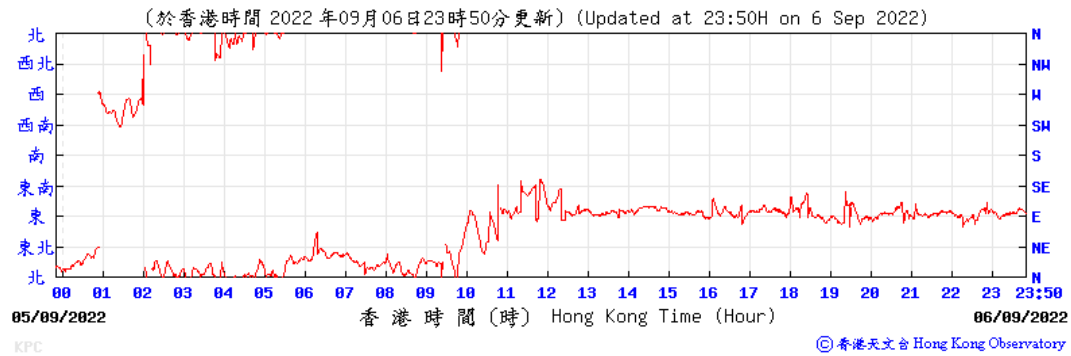
Wind Speed recorded at King's Park Meteorological Station on 30 September 2022



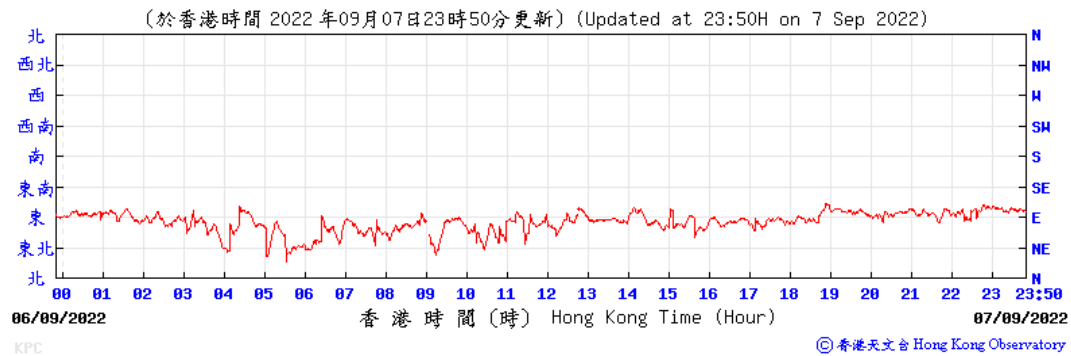
Wind Speed recorded at King's Park Meteorological Station on 1 October 2022



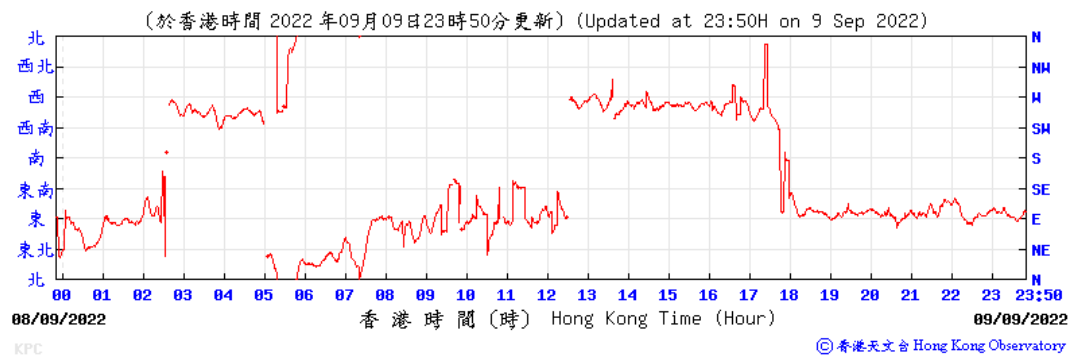
Wind Direction recorded at King's Park Meteorological Station on 6 September 2022



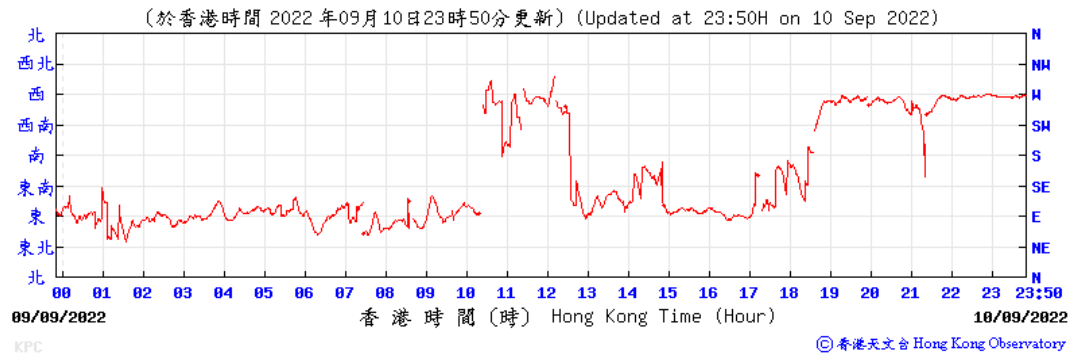
Wind Direction recorded at King's Park Meteorological Station on 7 September 2022



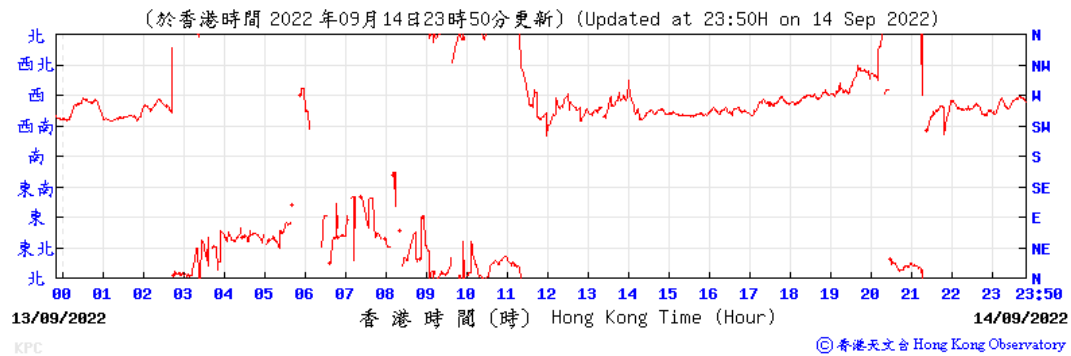
Wind Direction recorded at King's Park Meteorological Station on 9 September 2022



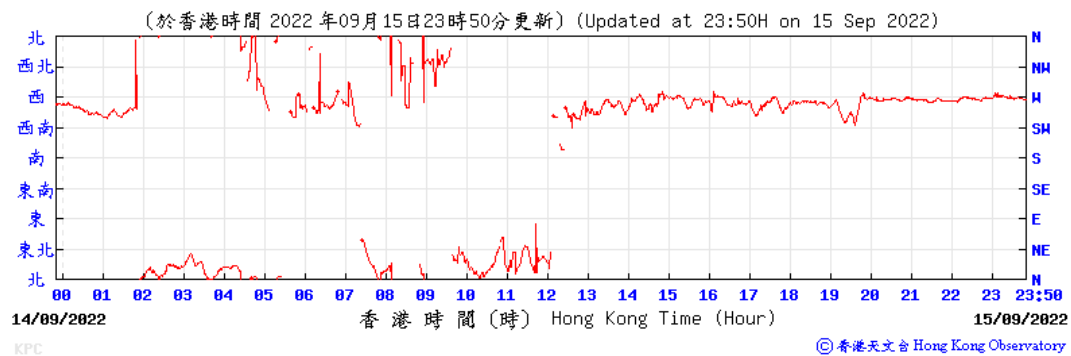
Wind Direction recorded at King's Park Meteorological Station on 10 September 2022



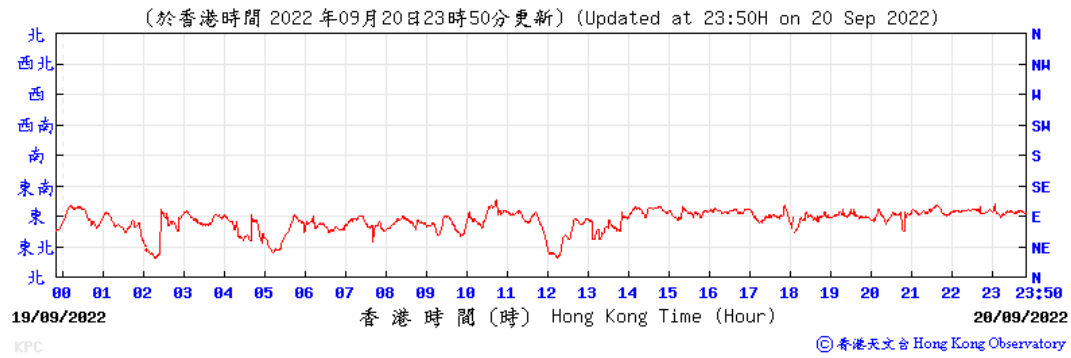
Wind Direction recorded at King's Park Meteorological Station on 14 September 2022



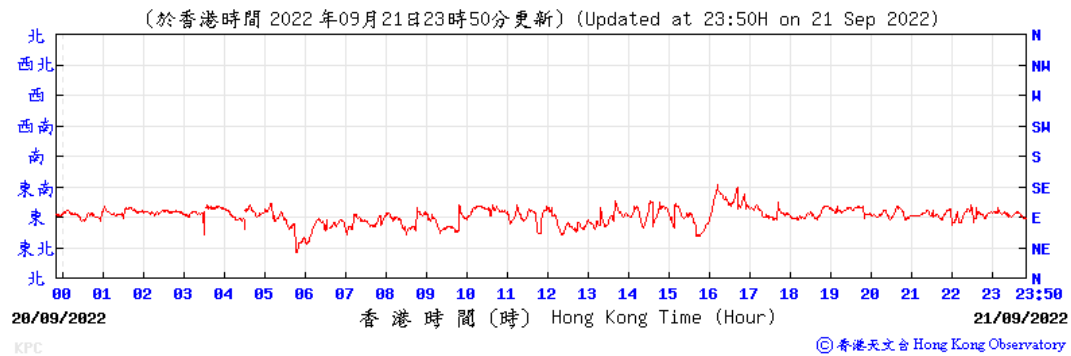
Wind Direction recorded at King's Park Meteorological Station on 15 September 2022



Wind Direction recorded at King's Park Meteorological Station on 20 September 2022



Wind Direction recorded at King's Park Meteorological Station on 21 September 2022



Wind Direction recorded at King's Park Meteorological Station on 26 September 2022

