

Appendix G

Construction Dust Monitoring

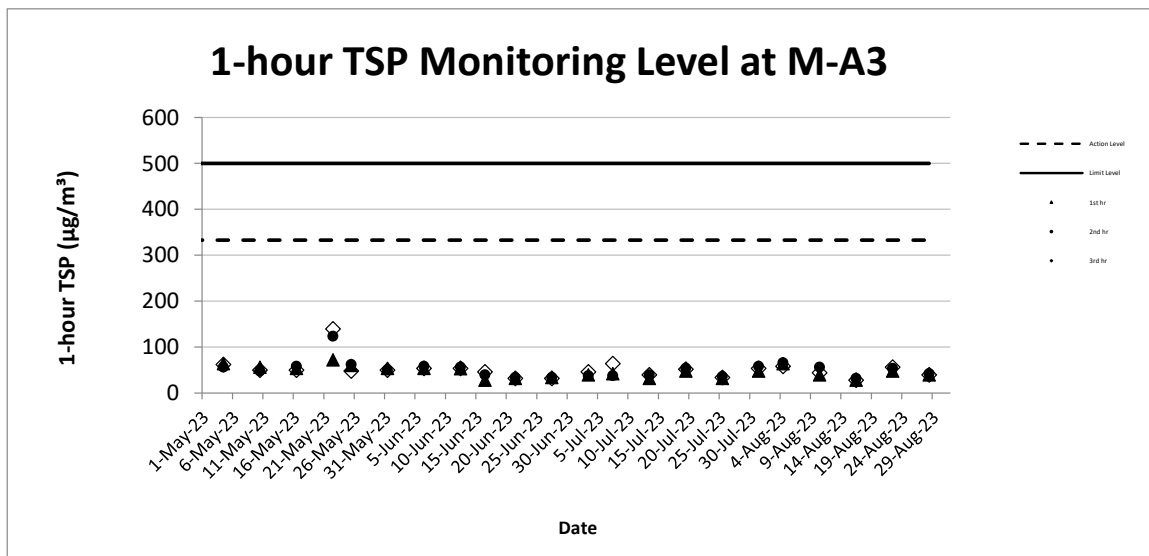
Results and Meteorological

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-Aug-23	11:07	64	66	58	63	333	500	Fine
10-Aug-23	11:20	40	56	44	47			Fine
16-Aug-23	13:00	28	32	28	30			Sunny
22-Aug-23	13:57	48	54	56	53			Fine
28-Aug-23	12:51	40	42	40	41			Sunny
Average		47						
Max		66						
Min		28						



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

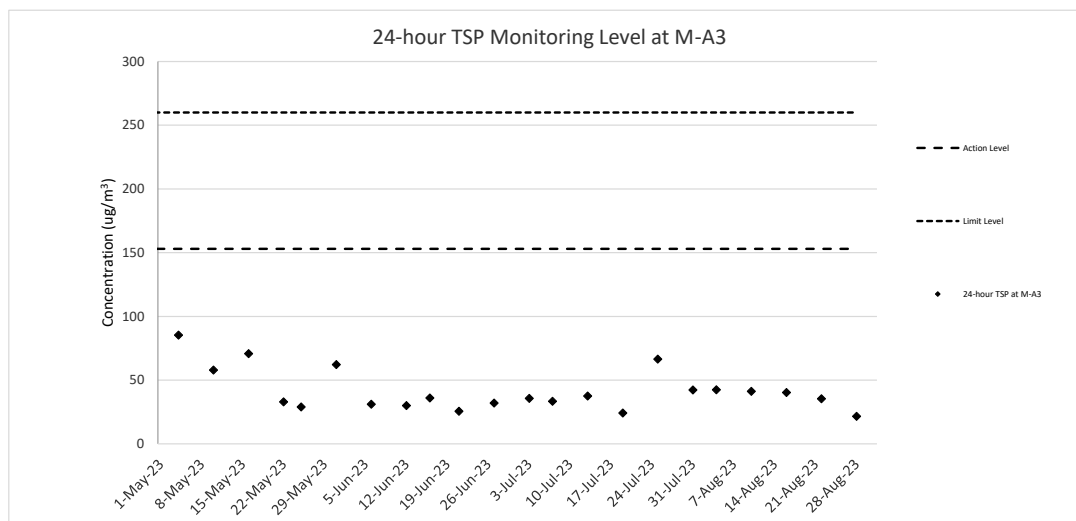
M-A3 - SKH Tsoi Kung Po Secondary School

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-Aug-23	Fine	303.5	753.6	2.7462	2.8094	0.0632	24	1.00	1.07	1.03	1489.1	42	153	260
10-Aug-23	Fine	302.2	753.6	2.7499	2.8113	0.0614	24	1.00	1.07	1.04	1491.0	41		
16-Aug-23	Sunny	303.6	755.2	2.7106	2.7698	0.0592	24	1.00	1.04	1.02	1467.3	40		
22-Aug-23	Fine	303	754.6	2.7331	2.7860	0.0529	24	1.00	1.07	1.04	1490.4	35		
28-Aug-23	Sunny	302.9	752.0	2.7308	2.7630	0.0322	24	1.00	1.07	1.03	1489.1	22		
												Min	22	
												Max	42	
												Average	36	

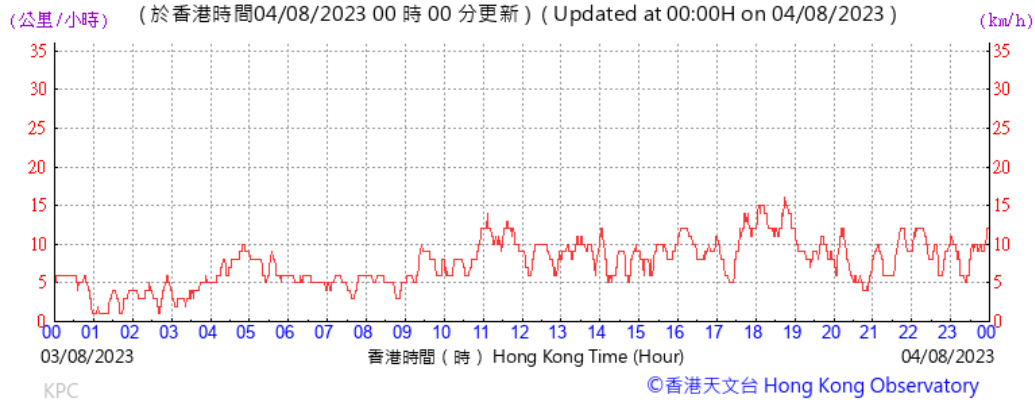
Note:

Underline: Exceedance of Action Level

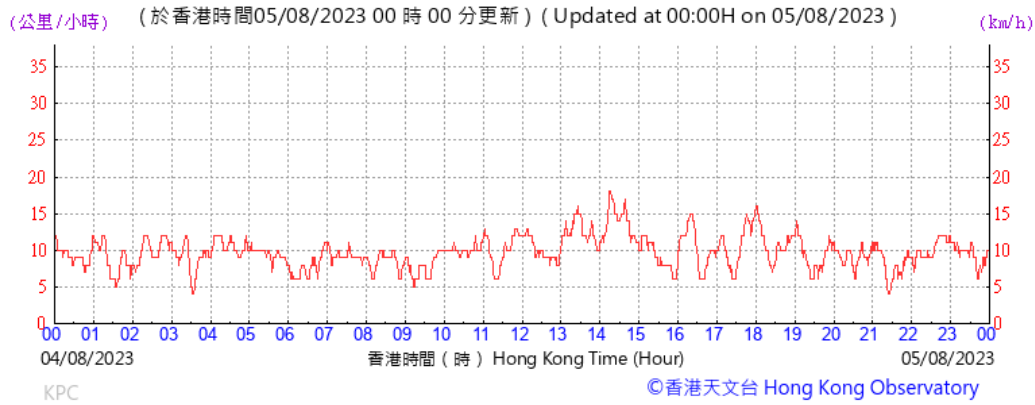
Underline and Bold: Exceedance of Limit Level



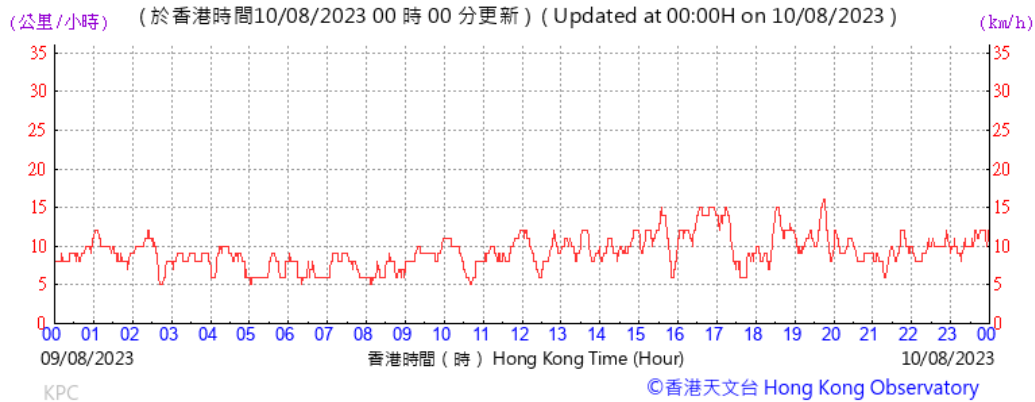
Wind Speed recorded at King's Park Meteorological Station on 4 August 2023



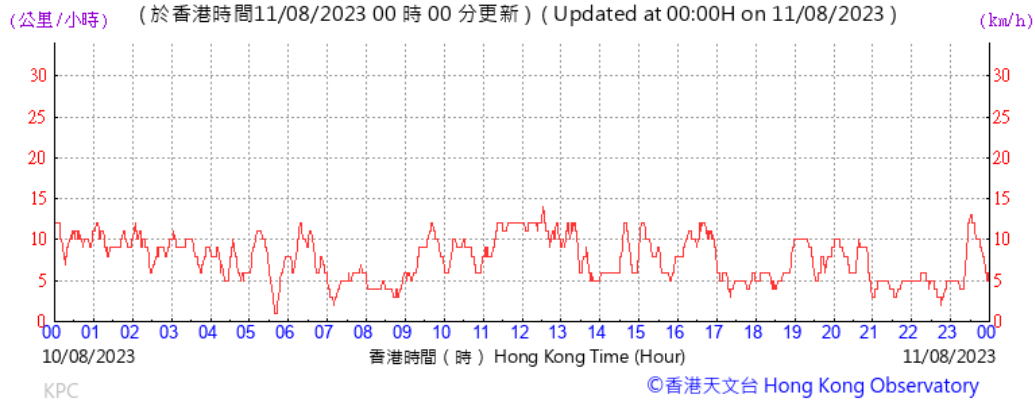
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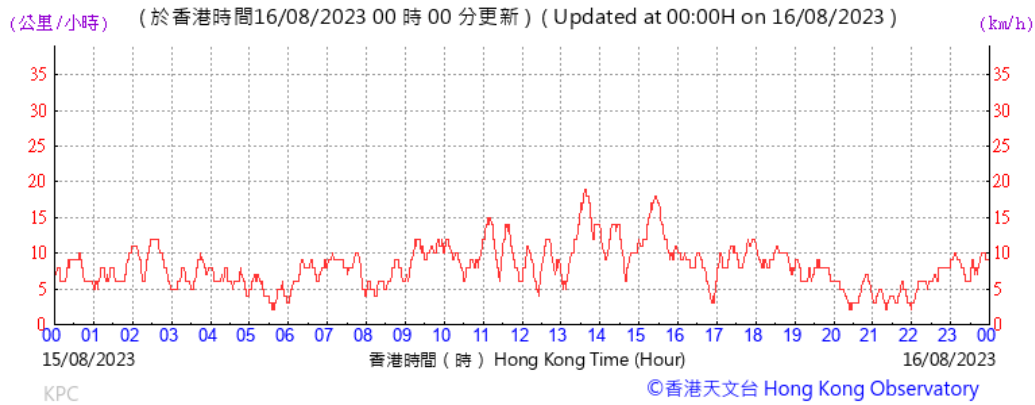
Wind Speed recorded at King's Park Meteorological Station on 10 August 2023



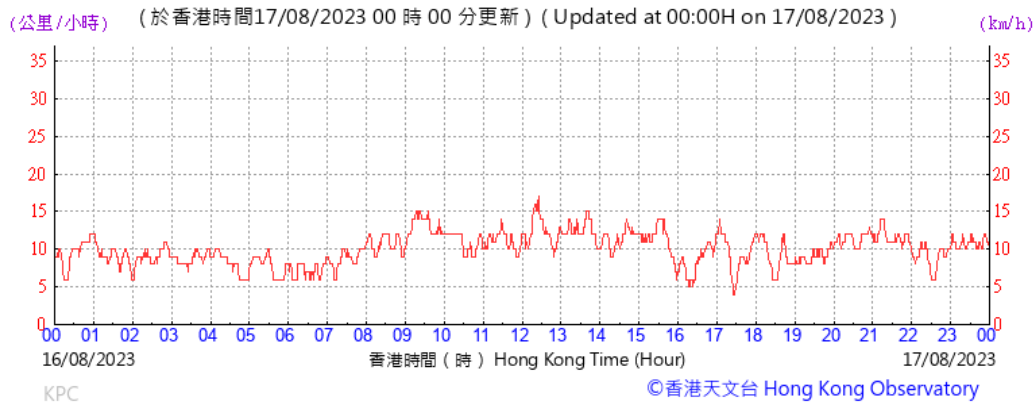
Wind Speed recorded at King's Park Meteorological Station on 11 August 2023



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



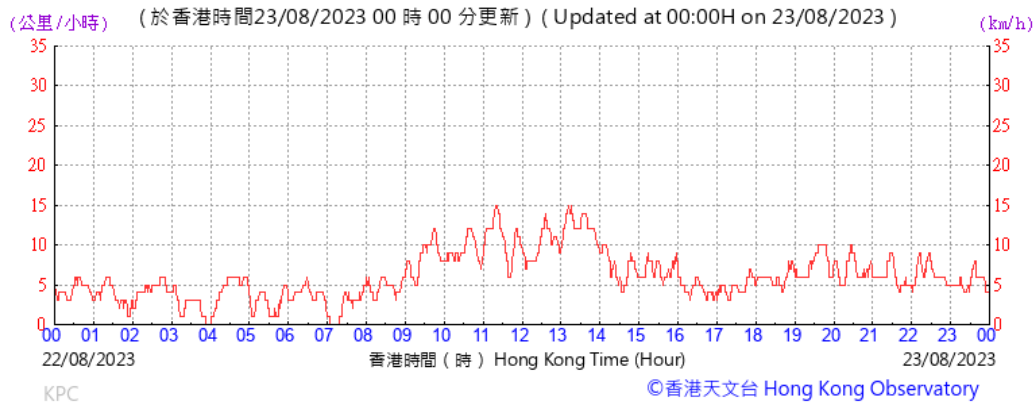
Wind Speed recorded at King's Park Meteorological Station on 17 August 2023



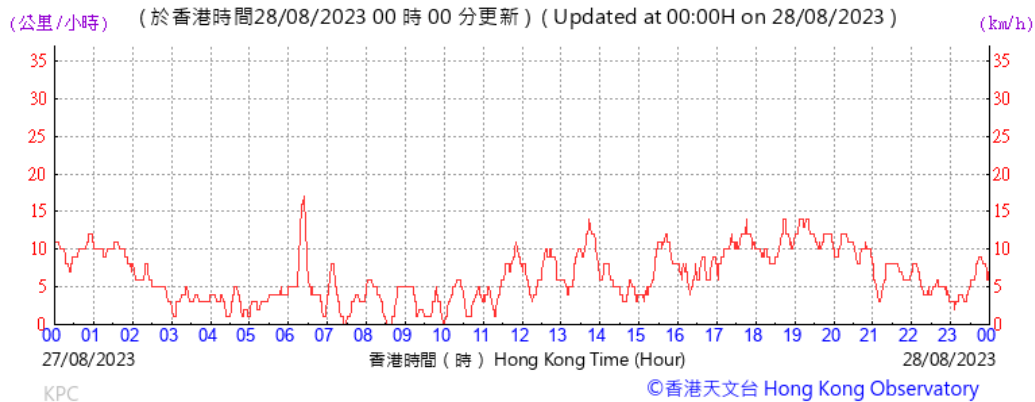
Wind Speed recorded at King's Park Meteorological Station on 22 August 2023



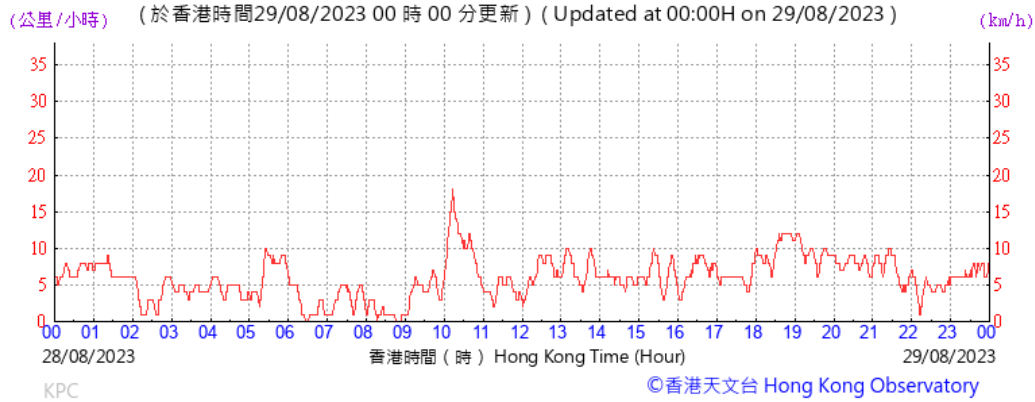
Wind Speed recorded at King's Park Meteorological Station on 23 August 2023



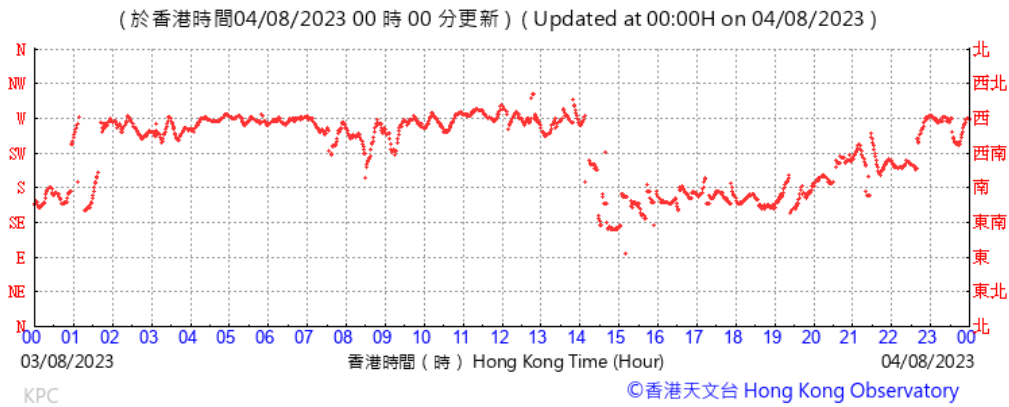
Wind Speed recorded at King's Park Meteorological Station on 28 August 2023



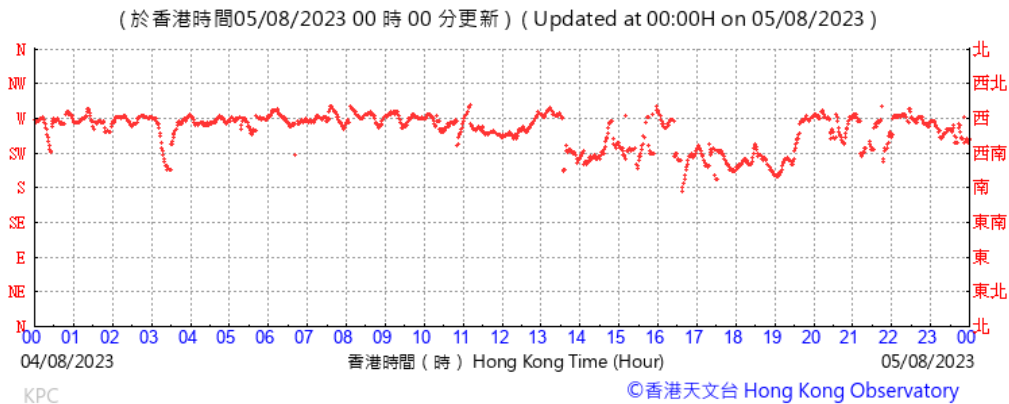
Wind Speed recorded at King's Park Meteorological Station on 29 August 2023



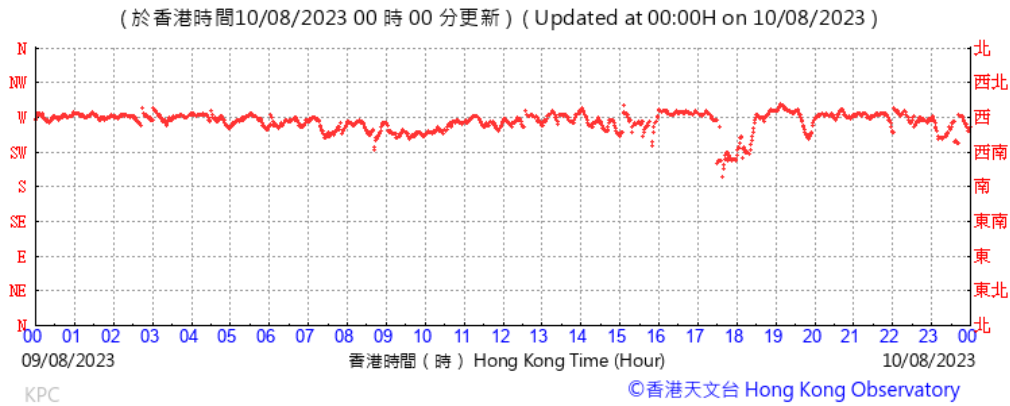
Wind Direction recorded at King's Park Meteorological Station on 4 August 2023



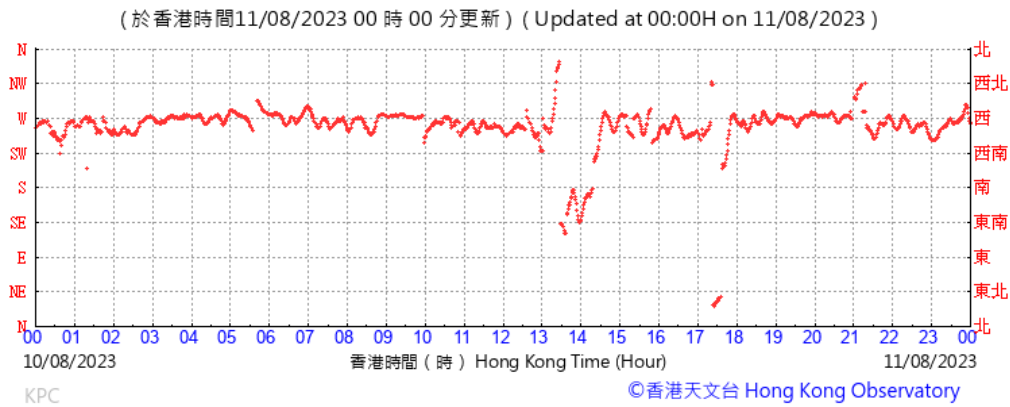
Wind Direction recorded at King's Park Meteorological Station on 5 August 2023



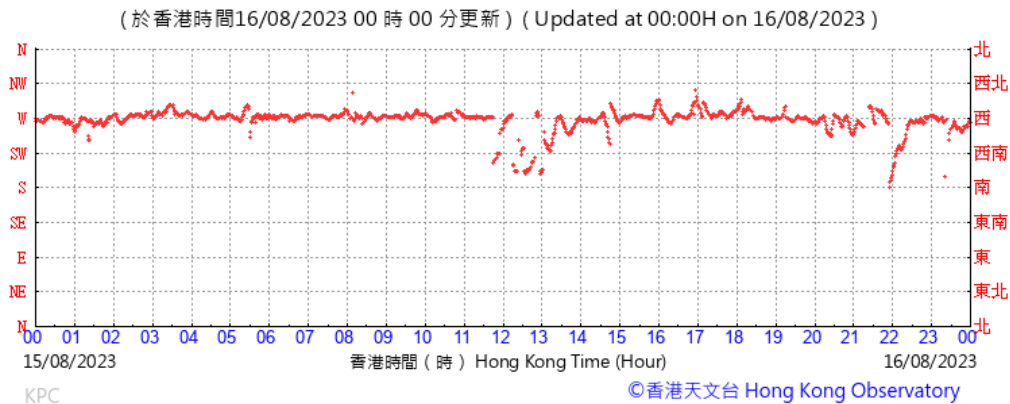
Wind Direction recorded at King's Park Meteorological Station on 10 August 2023



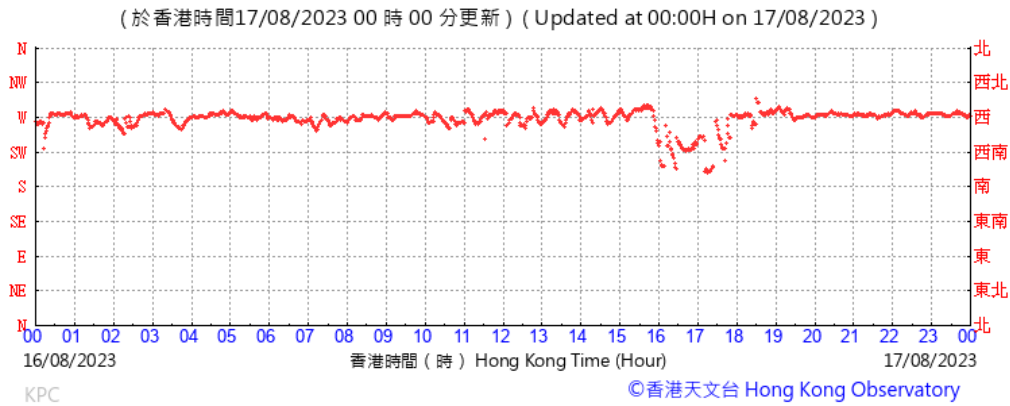
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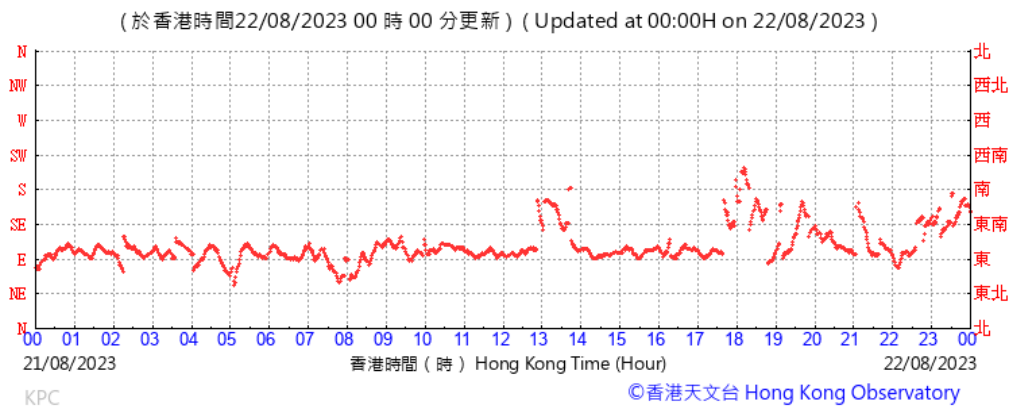
Wind Direction recorded at King's Park Meteorological Station on 16 August 2023



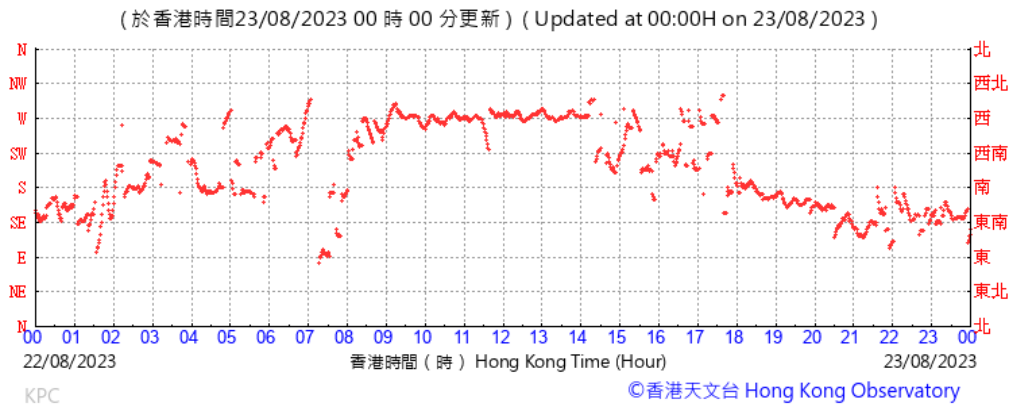
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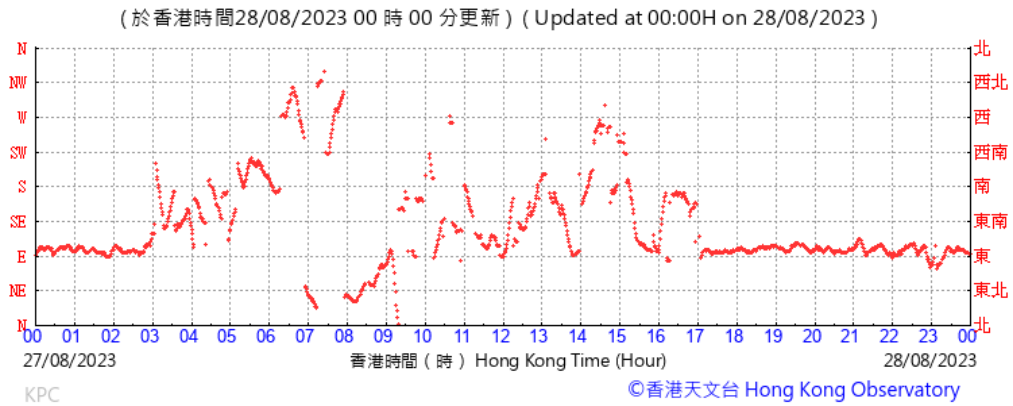
Wind Direction recorded at King's Park Meteorological Station on 22 August 2023



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



Wind Direction recorded at King's Park Meteorological Station on 28 August 2023



Wind Direction recorded at King's Park Meteorological Station on 29 August 2023

