

Appendix G

Construction Dust Monitoring

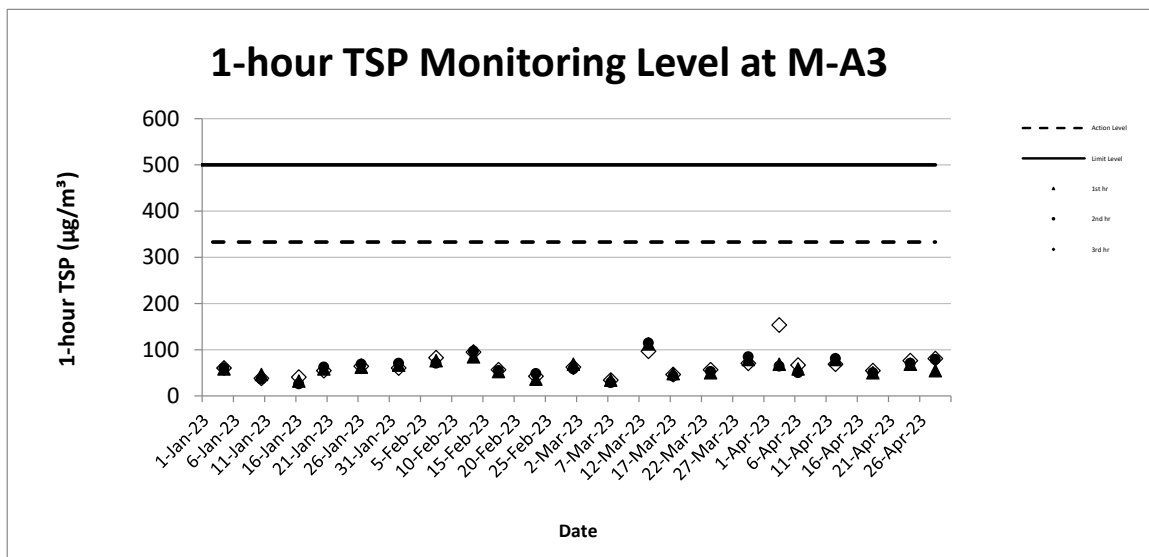
Results and Meteorological

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
3-Apr-23	8:56	68	64	153	95	333	500	Fine
6-Apr-23	8:53	58	50	66	58			Fine
12-Apr-23	8:58	79	81	68	76			Fine
18-Apr-23	13:00	50	50	54	52			Fine
24-Apr-23	13:05	68	70	77	72			Cloudy
28-Apr-23	13:00	54	79	81	71			Sunny
Average		71						
Max		153						
Min		50						



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

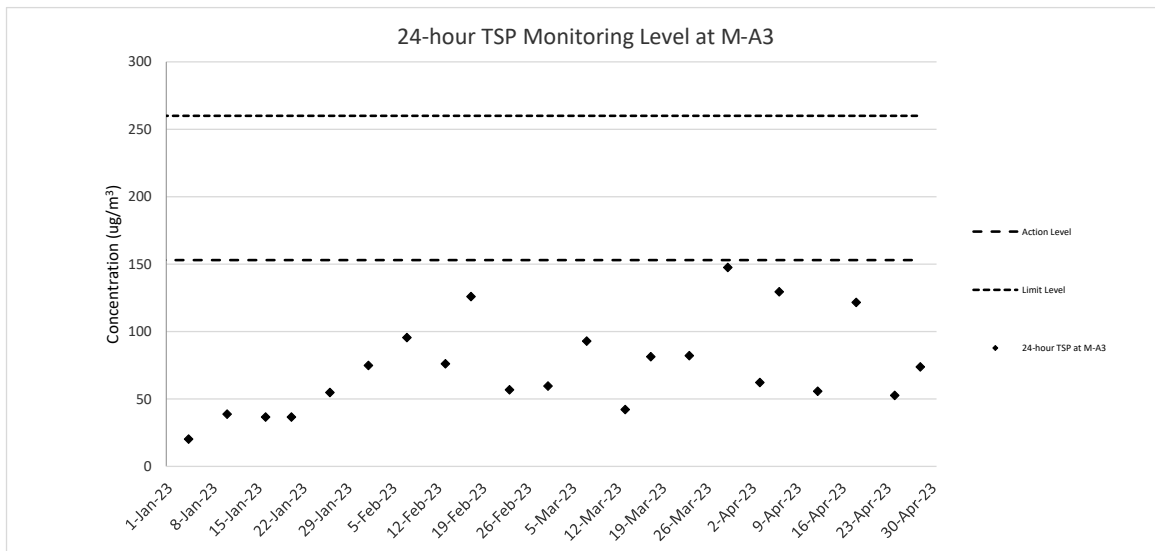
M-A3 - SKH Tsoi Kung Po Secondary School

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					
3-Apr-23	Fine	293.9	758.9	2.8166	2.9237	0.1071	24	1.18	1.21	1.19	1720.8	62	153	260
6-Apr-23	Fine	298.4	758.3	2.8089	3.0311	0.2222	24	1.17	1.21	1.19	1715.3	130		
12-Apr-23	Fine	298	759.3	2.7666	2.8621	0.0955	24	1.17	1.21	1.19	1716.2	56		
18-Apr-23	Fine	299.7	757.6	2.7604	2.9688	0.2084	24	1.17	1.21	1.19	1713.5	122		
24-Apr-23	Cloudy	296.5	760.7	2.7666	2.8570	0.0904	24	1.18	1.21	1.19	1718.6	53		
28-Apr-23	Sunny	297.1	760.4	2.8047	2.9315	0.1268	24	1.18	1.21	1.19	1717.7	74		
												Min	53	
												Max	130	
												Average	83	

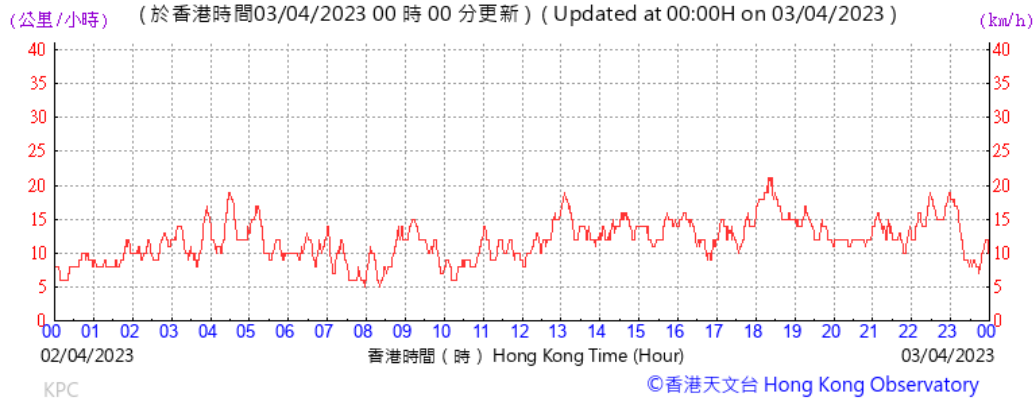
Note:

Underline: Exceedance of Action Level

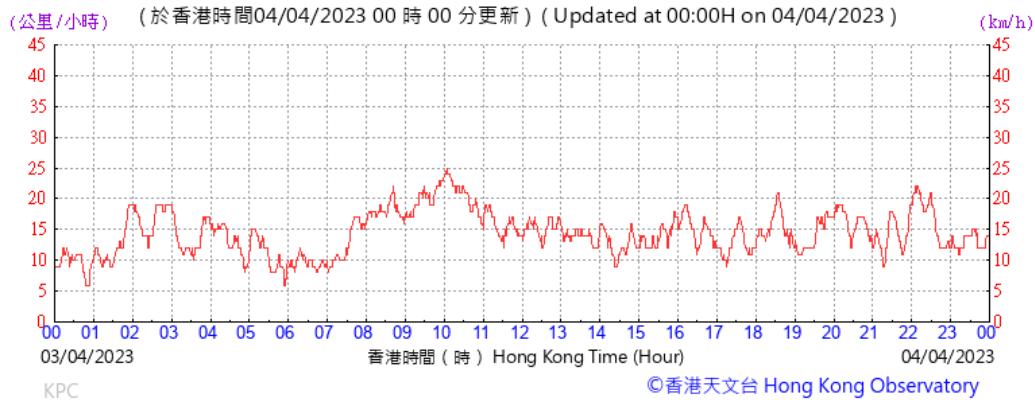
Underline and Bold: Exceedance of Limit Level



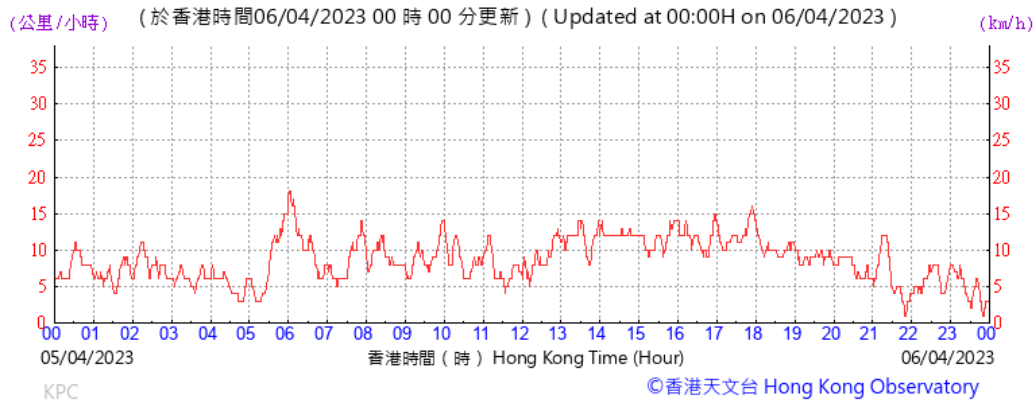
Wind Speed recorded at King's Park Meteorological Station on 3 April 2023



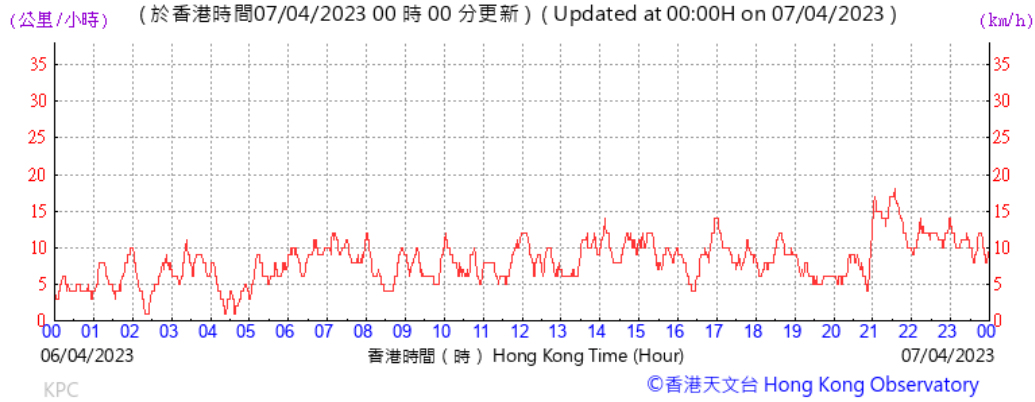
Wind Speed recorded at King's Park Meteorological Station on 4 April 2023



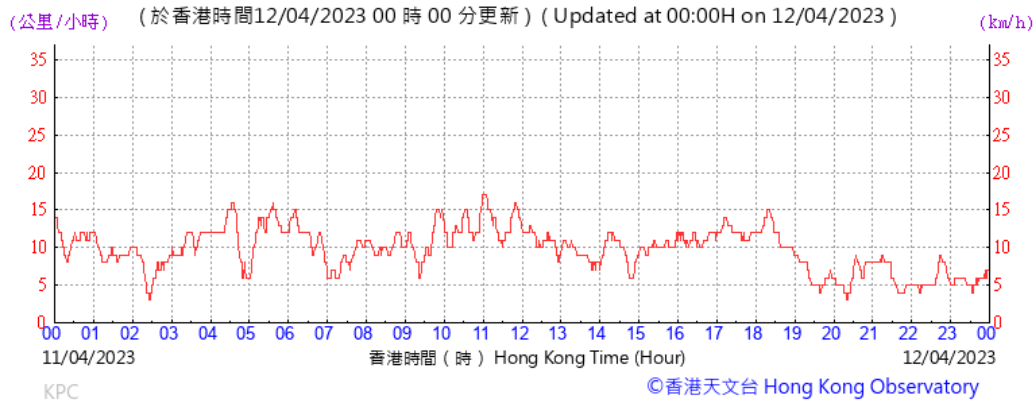
Wind Speed recorded at King's Park Meteorological Station on 6 April 2023



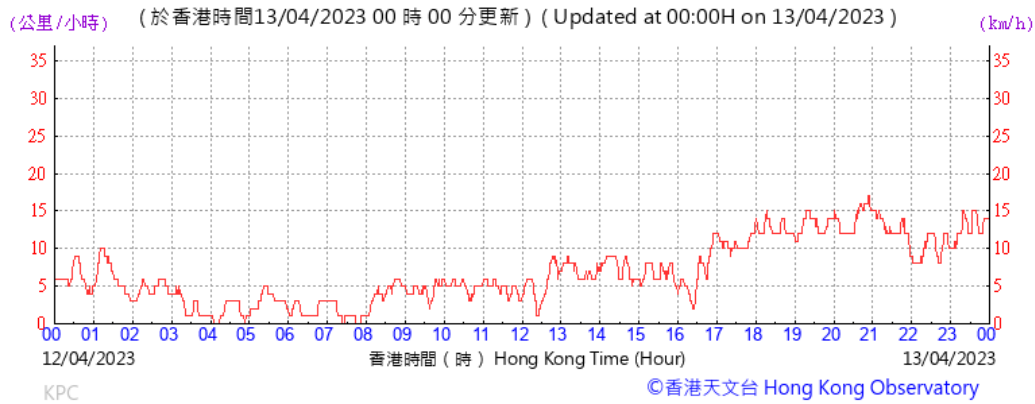
Wind Speed recorded at King's Park Meteorological Station on 7 April 2023



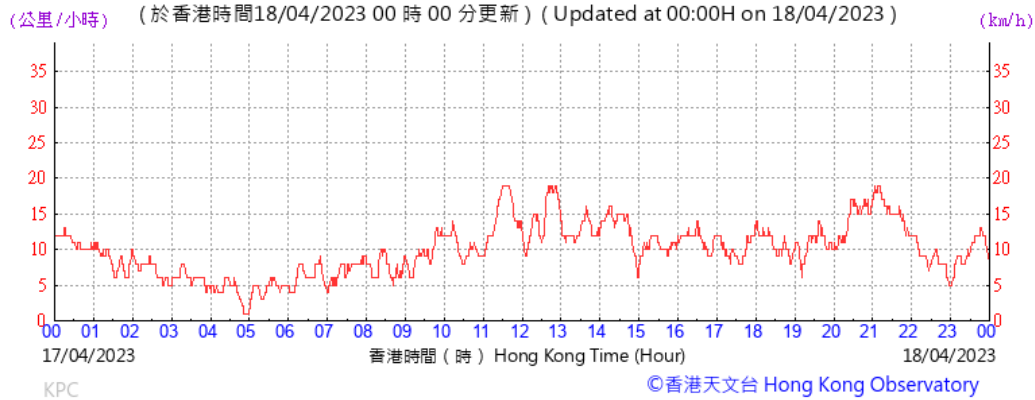
Wind Speed recorded at King's Park Meteorological Station on 12 April 2023



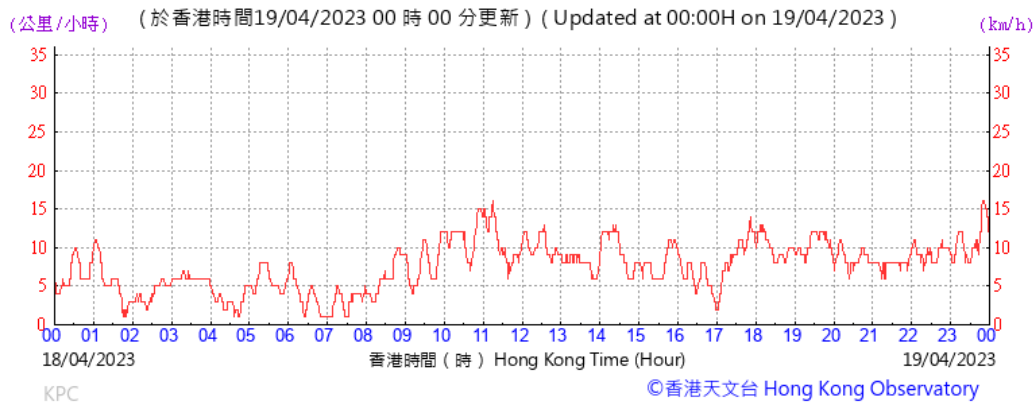
Wind Speed recorded at King's Park Meteorological Station on 13 April 2023



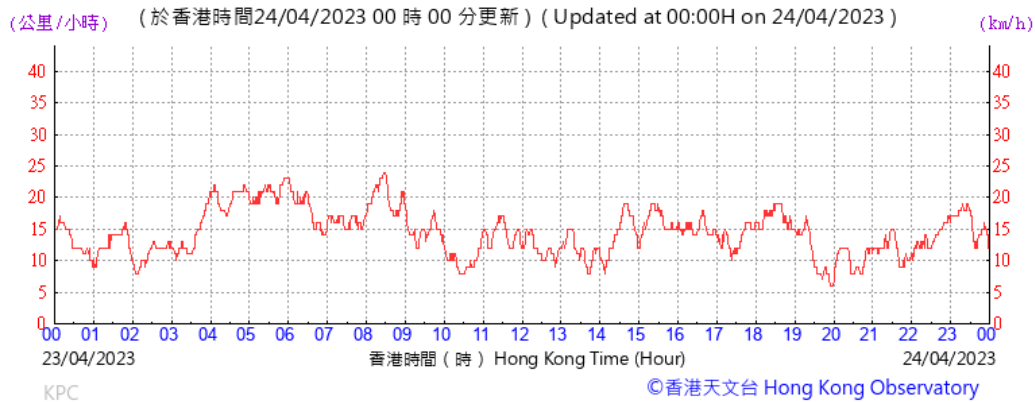
Wind Speed recorded at King's Park Meteorological Station on 18 April 2023



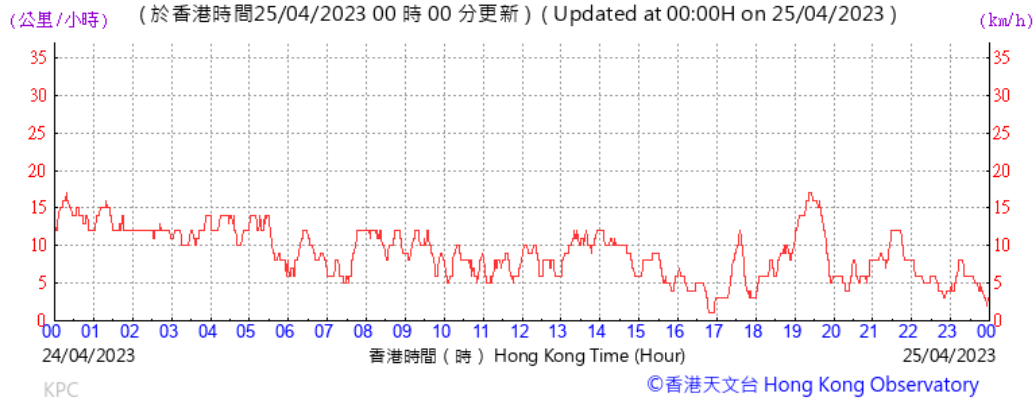
Wind Speed recorded at King's Park Meteorological Station on 19 April 2023



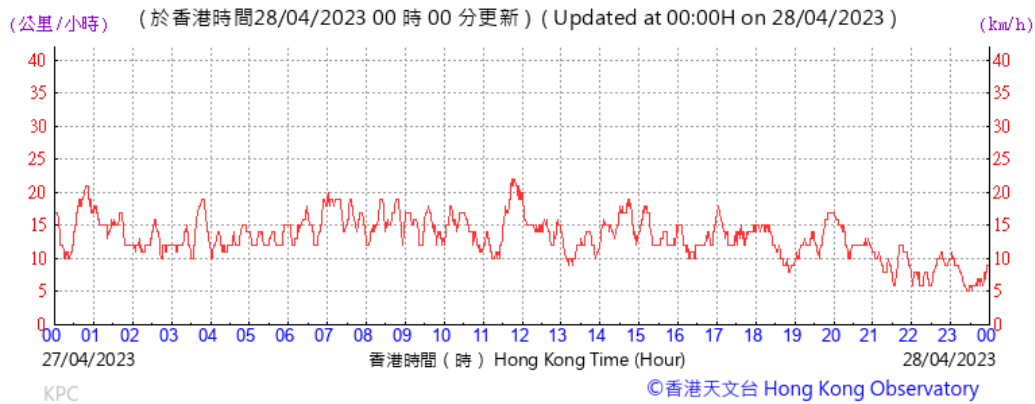
Wind Speed recorded at King's Park Meteorological Station on 24 April 2023



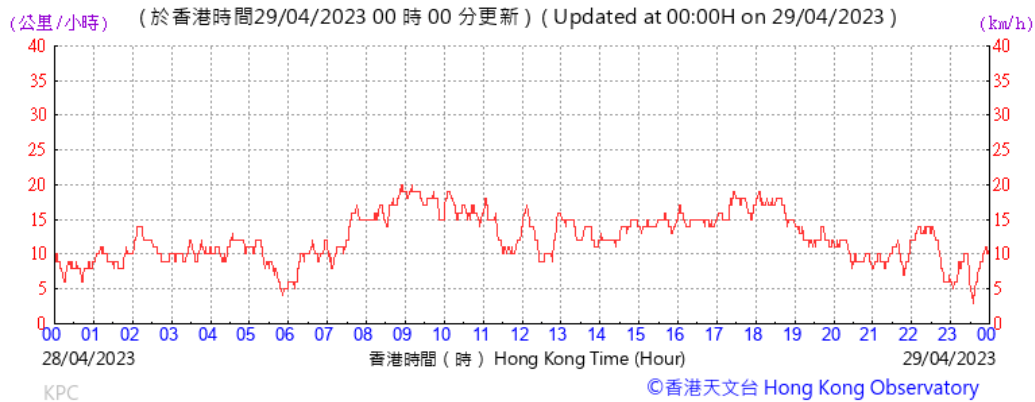
Wind Speed recorded at King's Park Meteorological Station on 25 April 2023



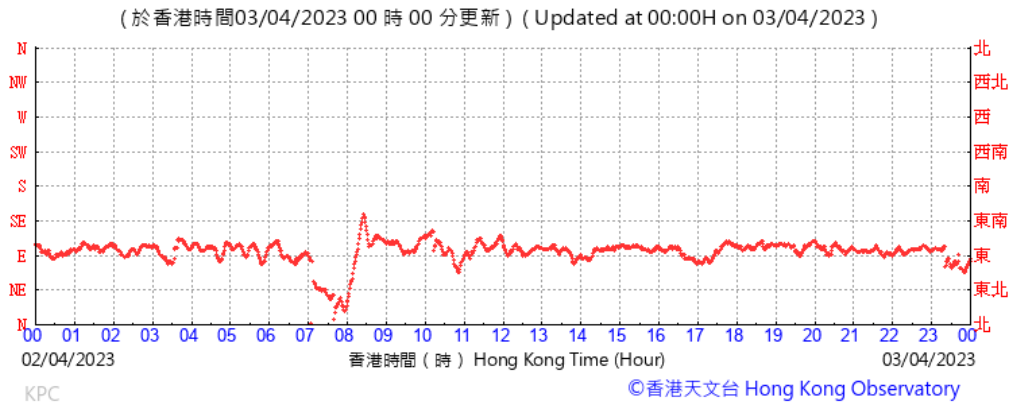
Wind Speed recorded at King's Park Meteorological Station on 28 April 2023



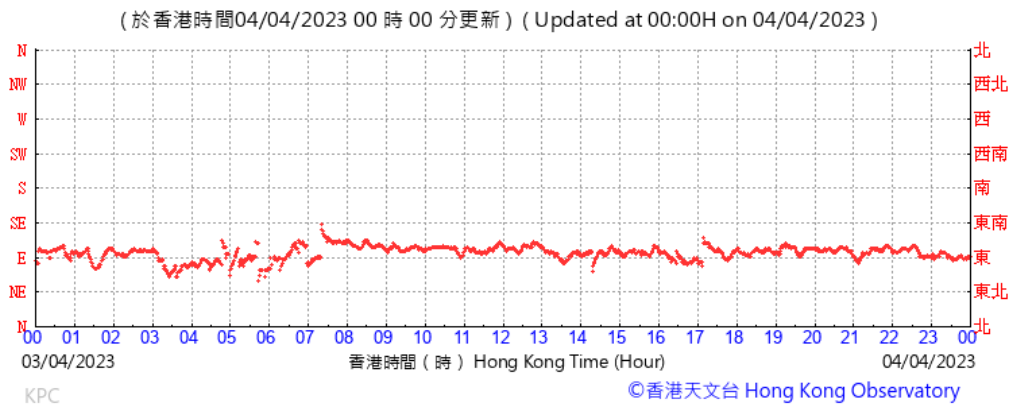
Wind Speed recorded at King's Park Meteorological Station on 29 April 2023



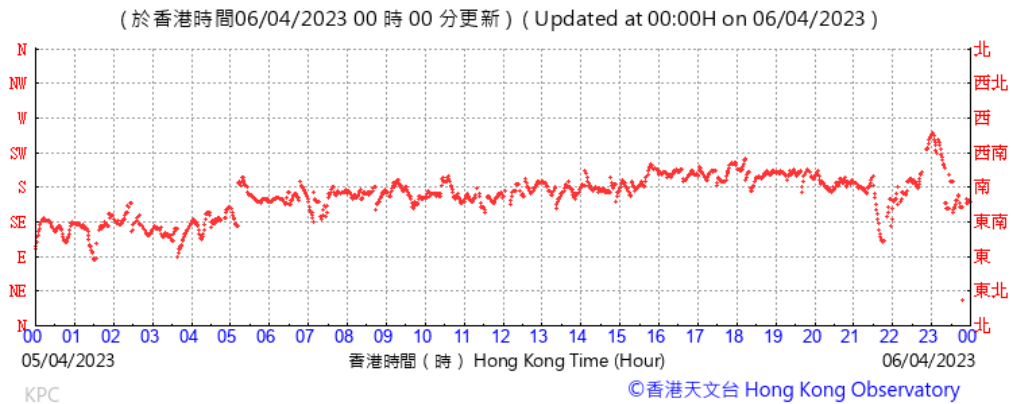
Wind Direction recorded at King's Park Meteorological Station on 3 April 2023



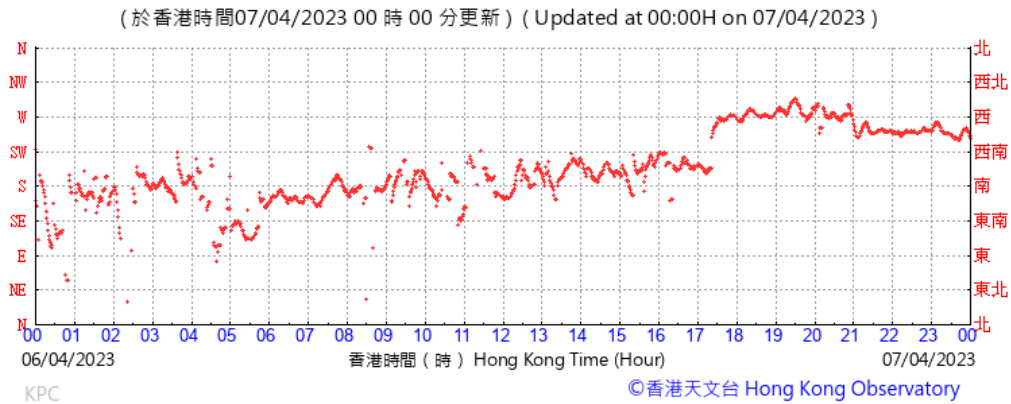
Wind Direction recorded at King's Park Meteorological Station on 4 April 2023



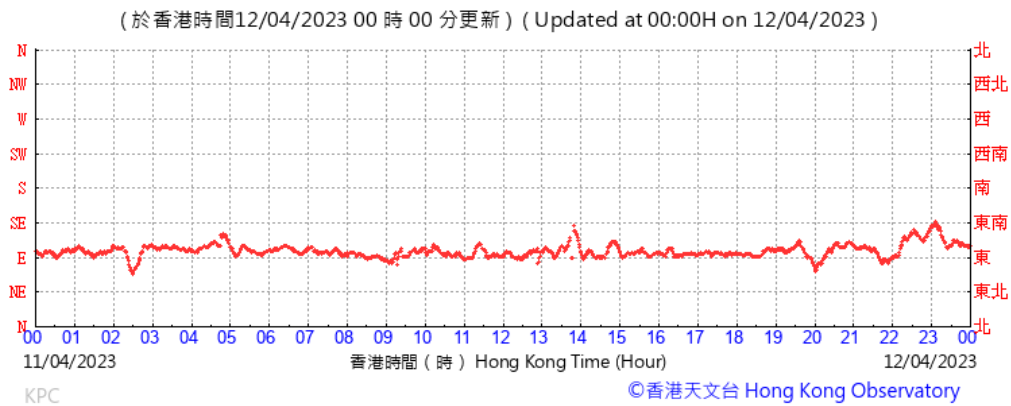
Wind Direction recorded at King's Park Meteorological Station on 6 April 2023



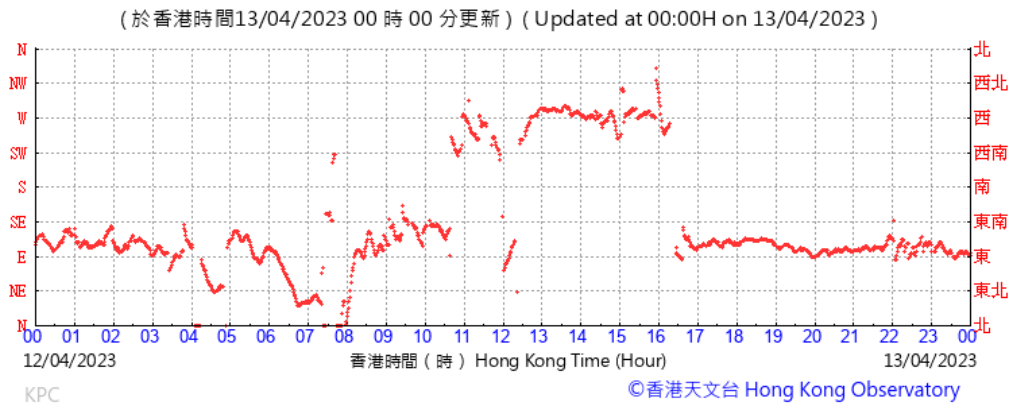
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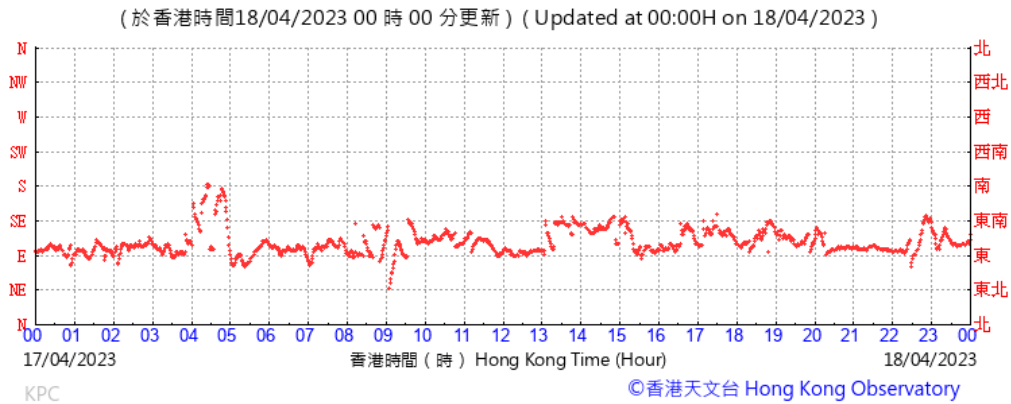
Wind Direction recorded at King's Park Meteorological Station on 12 April 2023



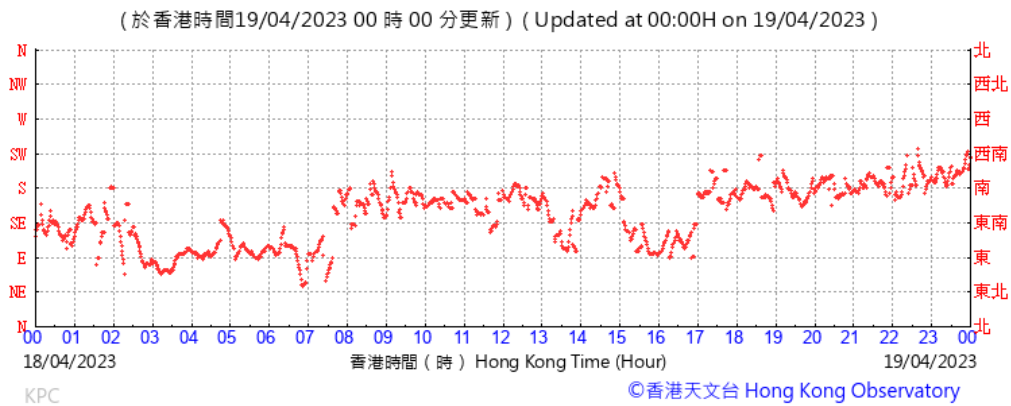
Wind Direction recorded at King's Park Meteorological Station on 13 April 2023



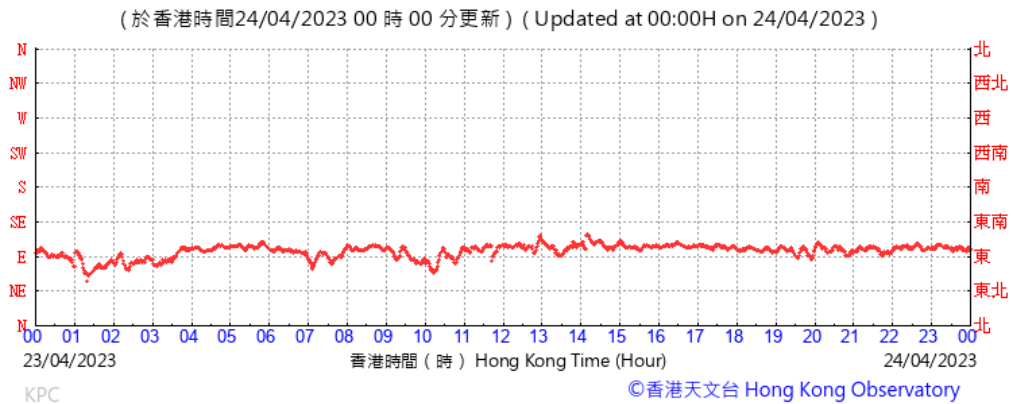
Wind Direction recorded at King's Park Meteorological Station on 18 April 2023



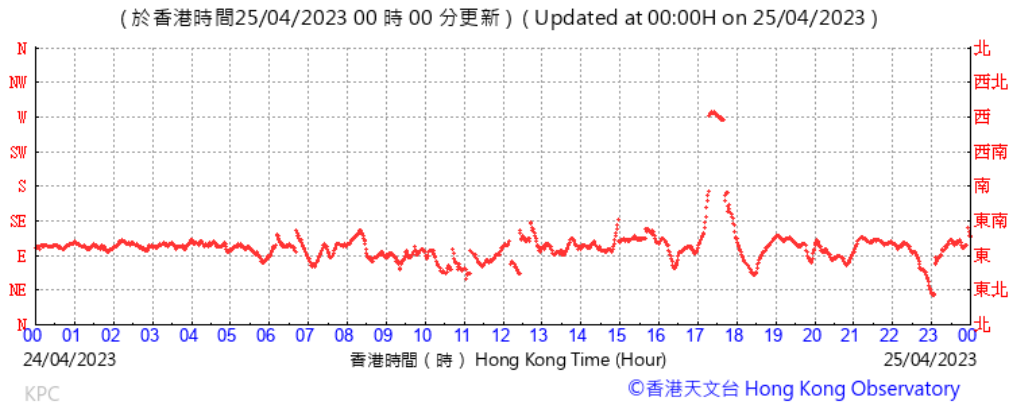
Wind Direction recorded at King's Park Meteorological Station on 19 April 2023



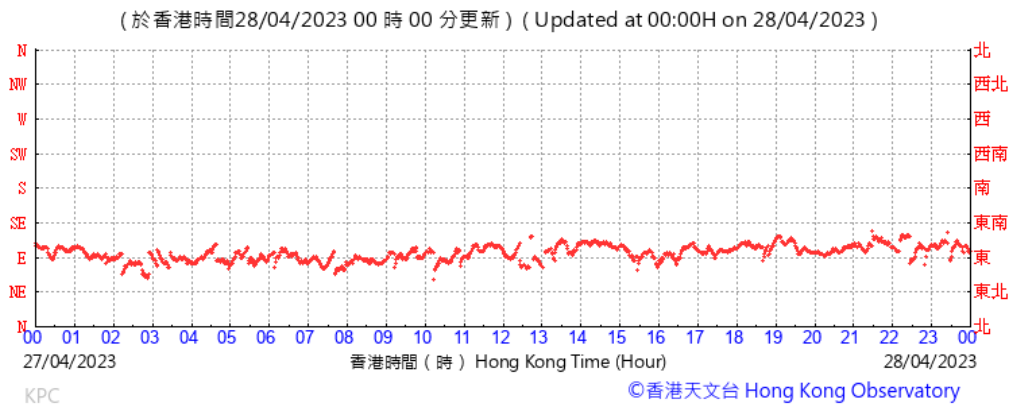
Wind Direction recorded at King's Park Meteorological Station on 24 April 2023



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



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



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

