

Appendix G

Construction Dust Monitoring

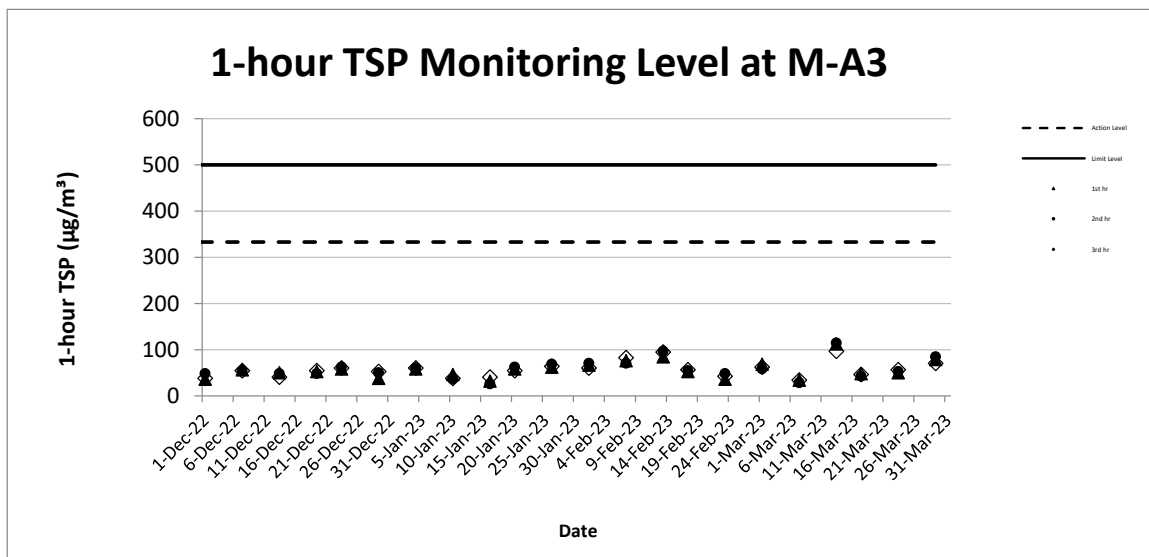
Results and Meteorological

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
1-Mar-23	12:49	68	58	62	63	333	500	Fine
7-Mar-23	12:35	34	28	34	32			Fine
13-Mar-23	13:19	113	115	97	108			Cloudy
17-Mar-23	10:00	48	42	46	46			Fine
23-Mar-23	10:45	50	52	56	53			Fine
29-Mar-23	8:56	79	85	70	78			Fine
Average		63						
Max		115						
Min		28						



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

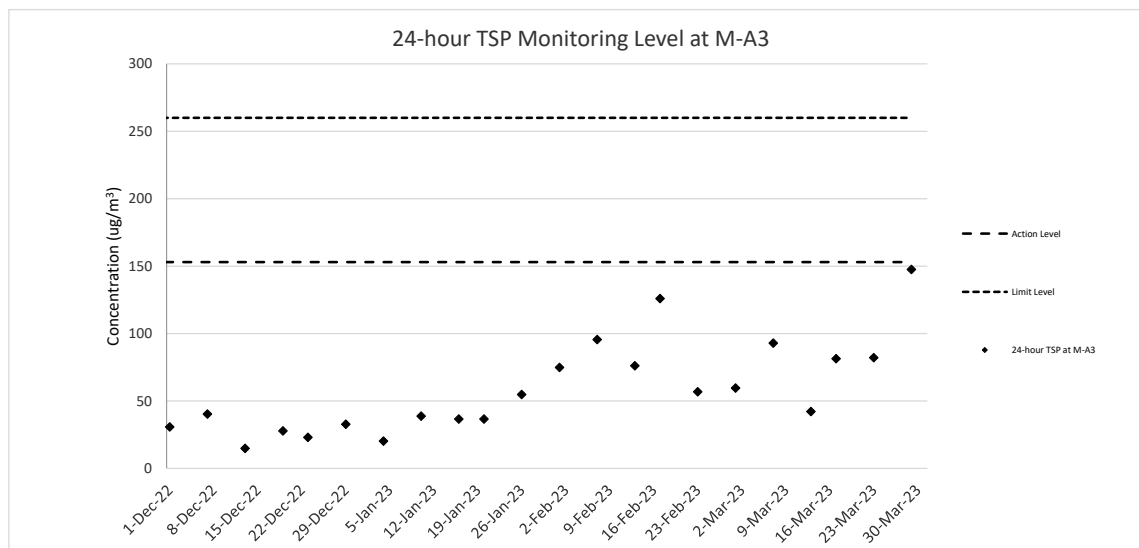
M-A3 - SKH Tsoi Kung Po Secondary School

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					
1-Mar-23	Fine	292.9	761.8	2.6864	2.7890	0.1026	24	1.18	1.21	1.20	1723.2	60	153	260
7-Mar-23	Fine	294	761.6	2.7845	2.9444	0.1599	24	1.18	1.21	1.20	1721.9	93		
13-Mar-23	Cloudy	295.3	760.3	2.7159	2.7885	0.0726	24	1.18	1.21	1.19	1719.8	42		
17-Mar-23	Fine	291.7	766.0	2.7144	2.8548	0.1404	24	1.19	1.21	1.20	1726.6	81		
23-Mar-23	Fine	291.2	764.0	2.6806	2.8223	0.1417	24	1.19	1.21	1.20	1726.3	82		
29-Mar-23	Fine	292.9	761.6	2.6753	2.8698	0.1945	24	0.89	0.95	0.92	1318.7	147		
												Min	42	
												Max	147	
												Average	84	

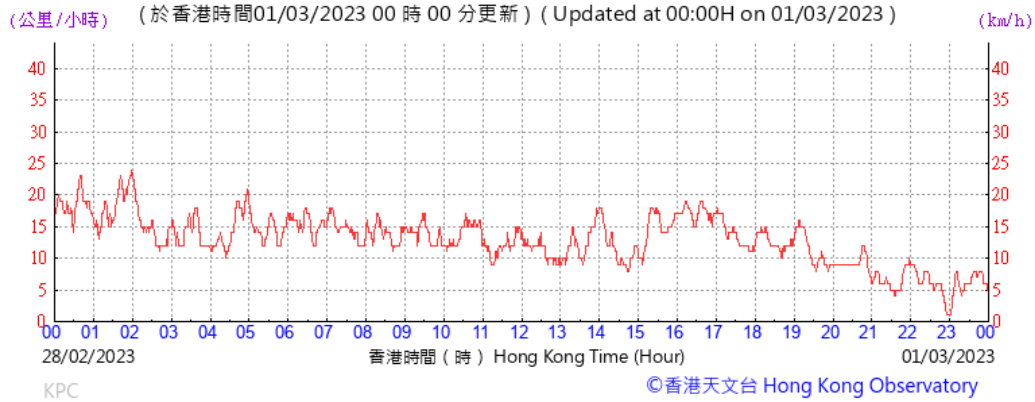
Note:

Underline: Exceedance of Action Level

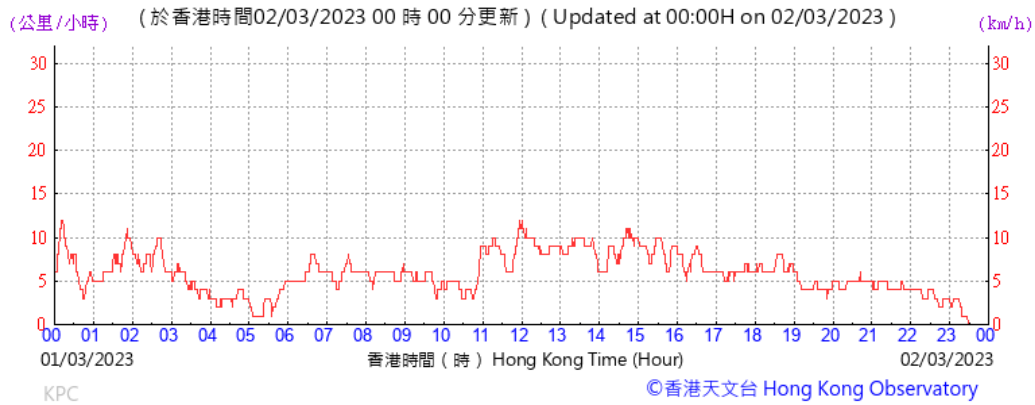
Underline and Bold: Exceedance of Limit Level



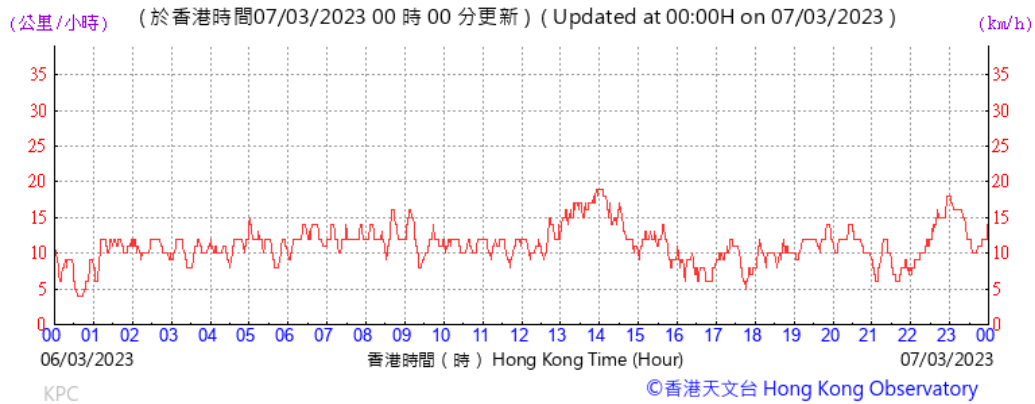
Wind Speed recorded at King's Park Meteorological Station on 1 March 2023



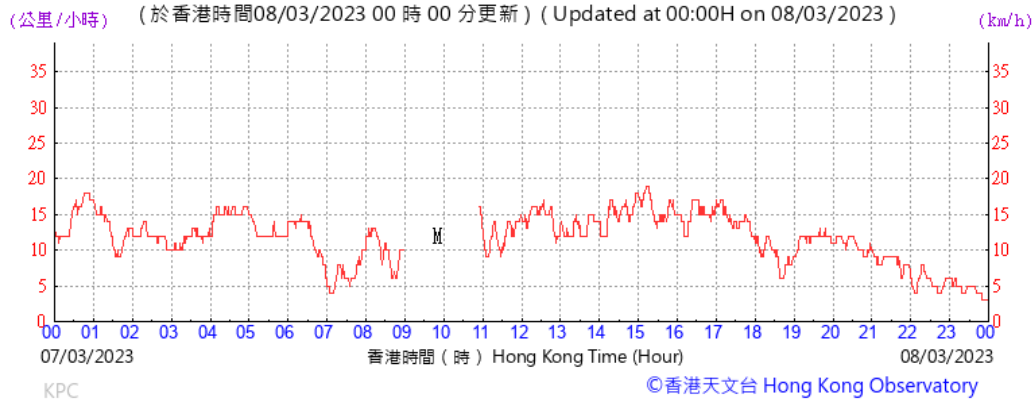
Wind Speed recorded at King's Park Meteorological Station on 2 March 2023



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



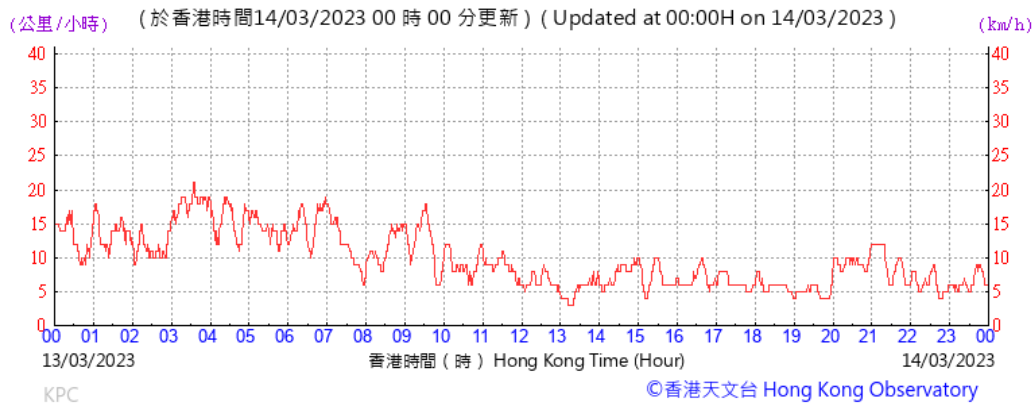
Wind Speed recorded at King's Park Meteorological Station on 8 March 2023



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



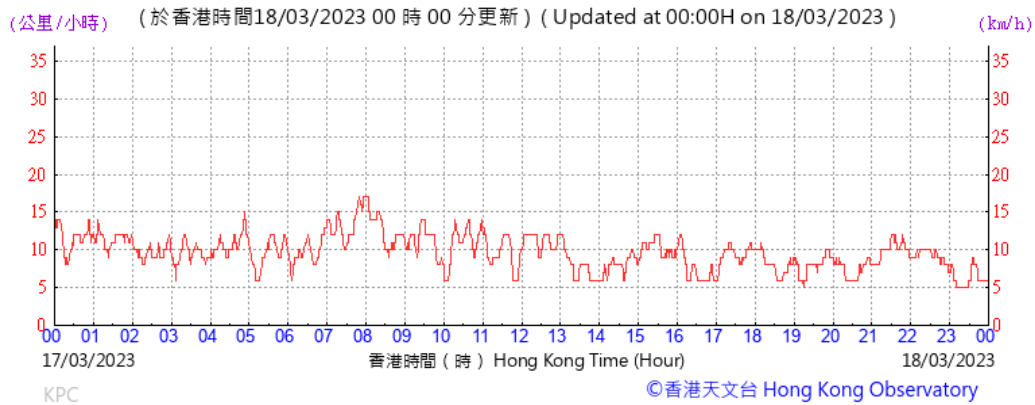
Wind Speed recorded at King's Park Meteorological Station on 14 March 2023



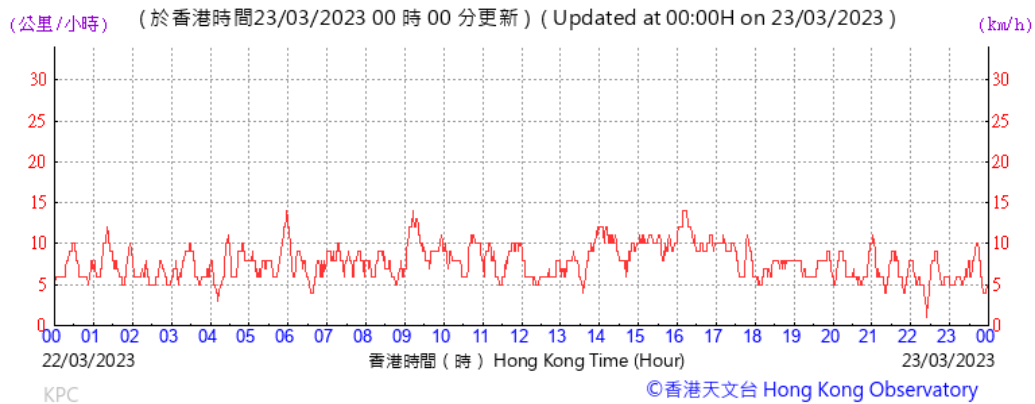
Wind Speed recorded at King's Park Meteorological Station on 17 March 2023



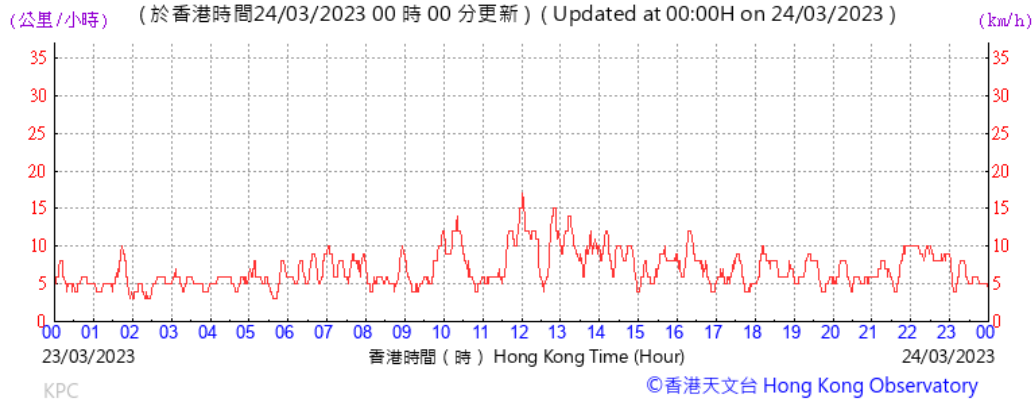
Wind Speed recorded at King's Park Meteorological Station on 18 March 2023



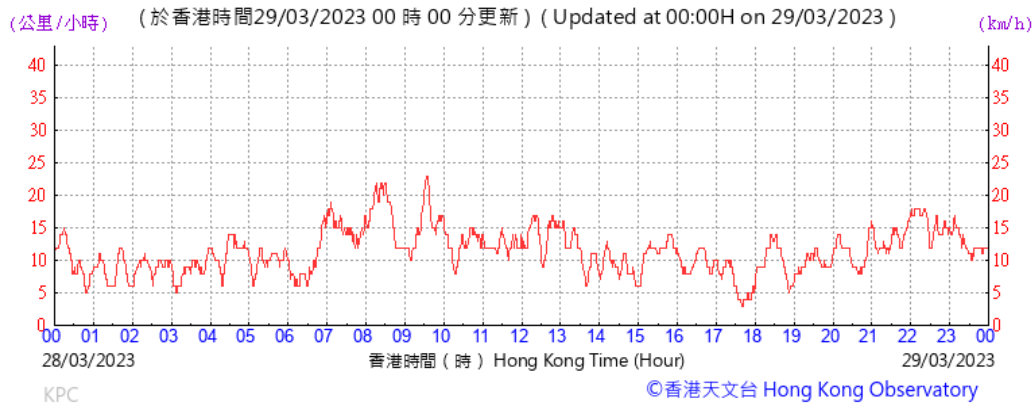
Wind Speed recorded at King's Park Meteorological Station on 23 March 2023



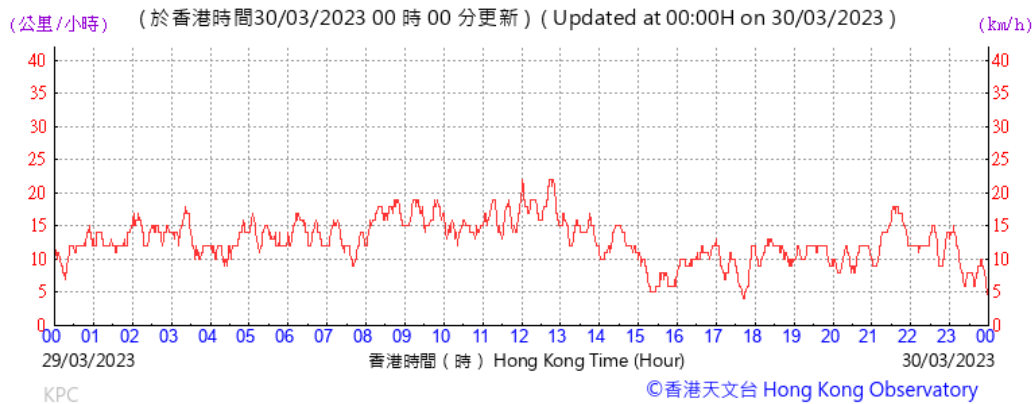
Wind Speed recorded at King's Park Meteorological Station on 24 March 2023



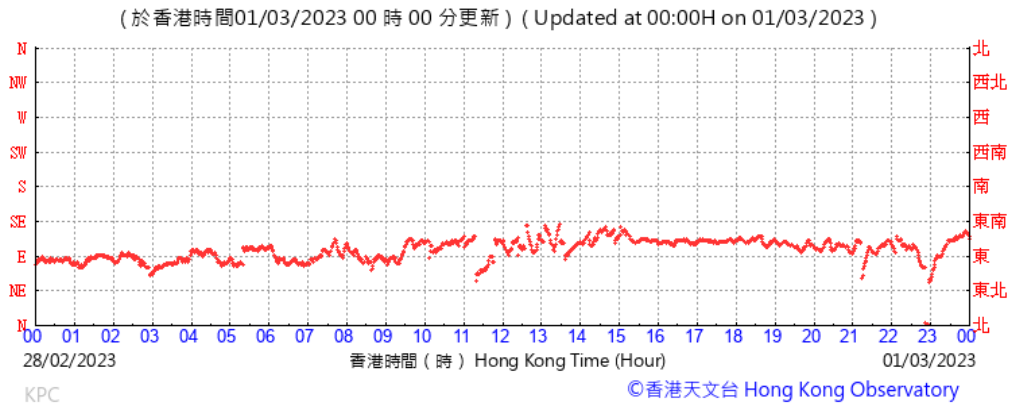
Wind Speed recorded at King's Park Meteorological Station on 29 March 2023



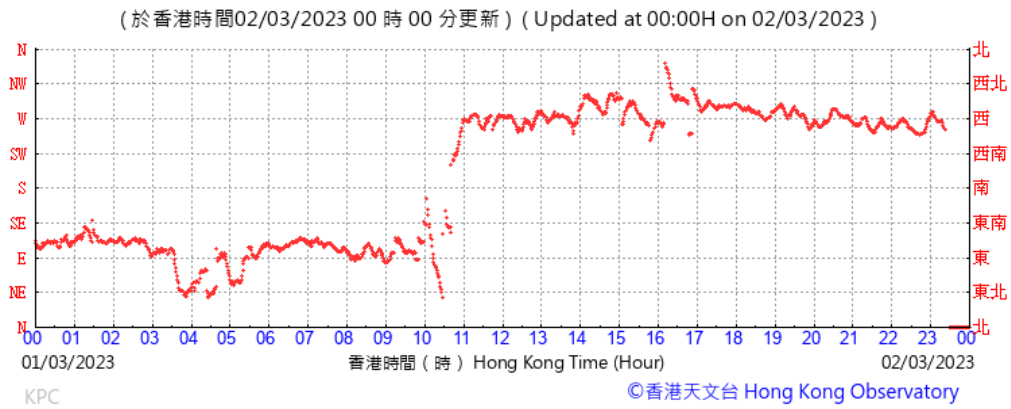
Wind Speed recorded at King's Park Meteorological Station on 30 March 2023



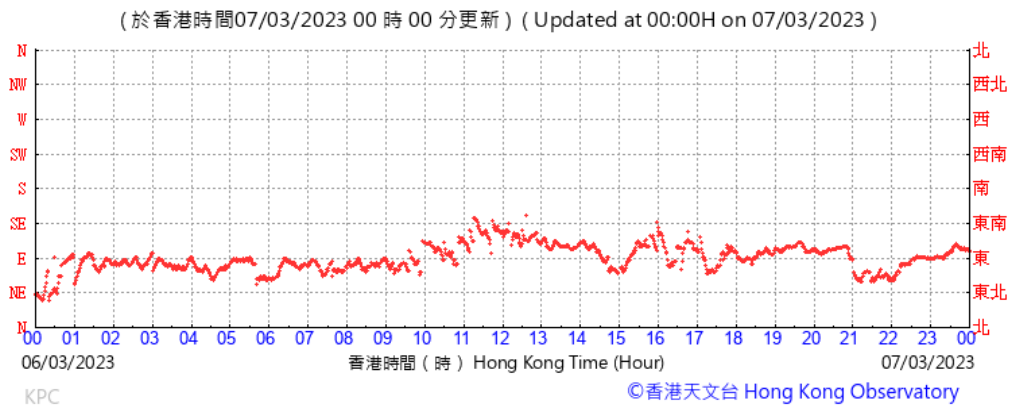
Wind Direction recorded at King's Park Meteorological Station on 1 March 2023



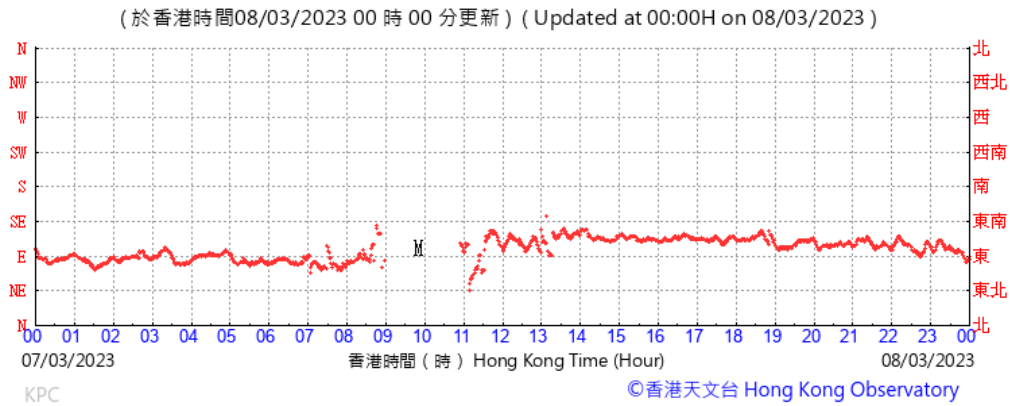
Wind Direction recorded at King's Park Meteorological Station on 2 March 2023



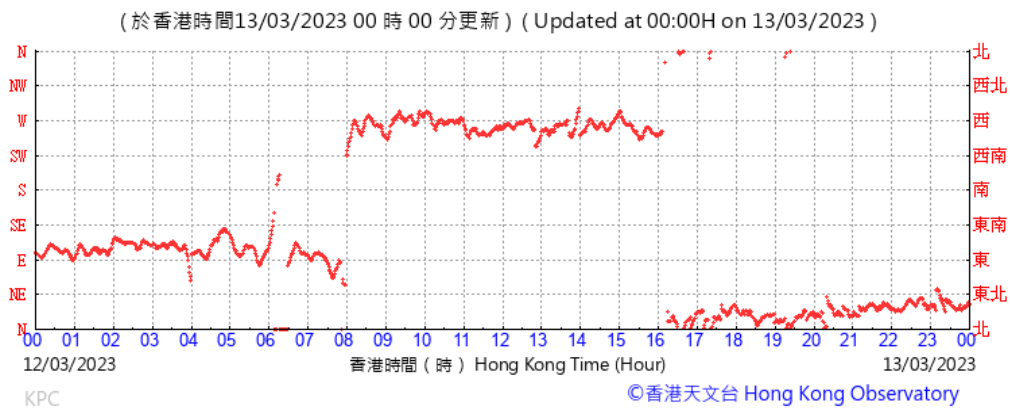
Wind Direction recorded at King's Park Meteorological Station on 7 March 2023



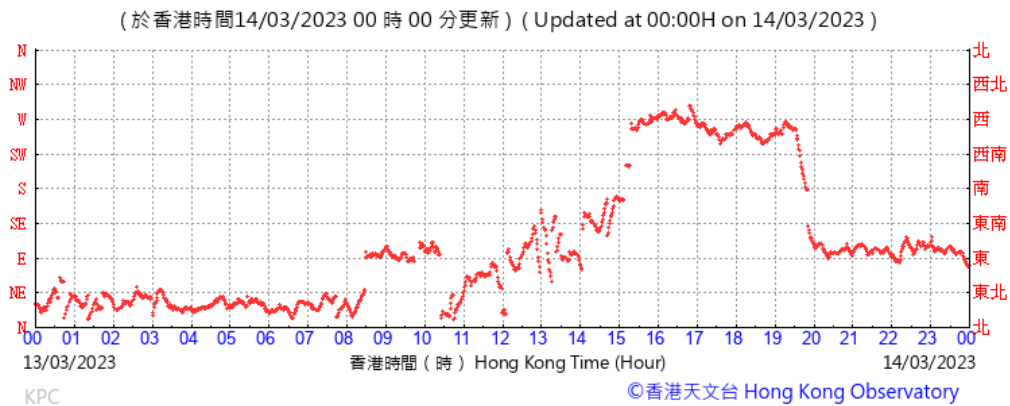
Wind Direction recorded at King's Park Meteorological Station on 8 March 2023



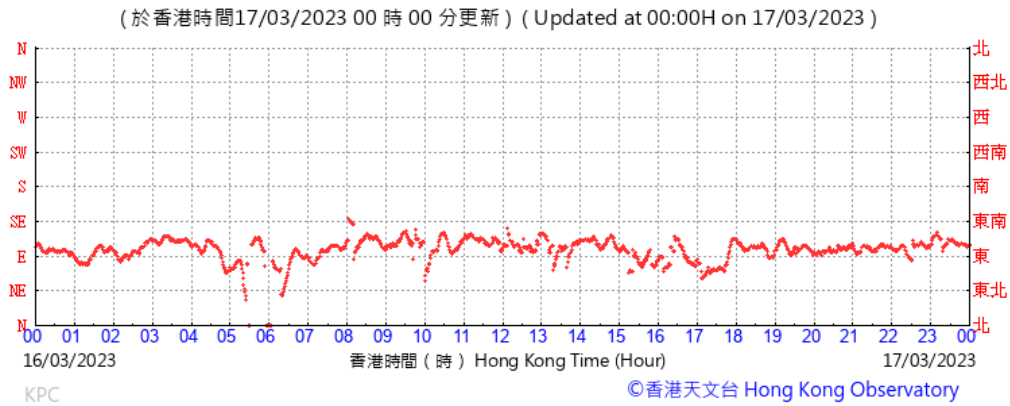
Wind Direction recorded at King's Park Meteorological Station on 13 March 2023



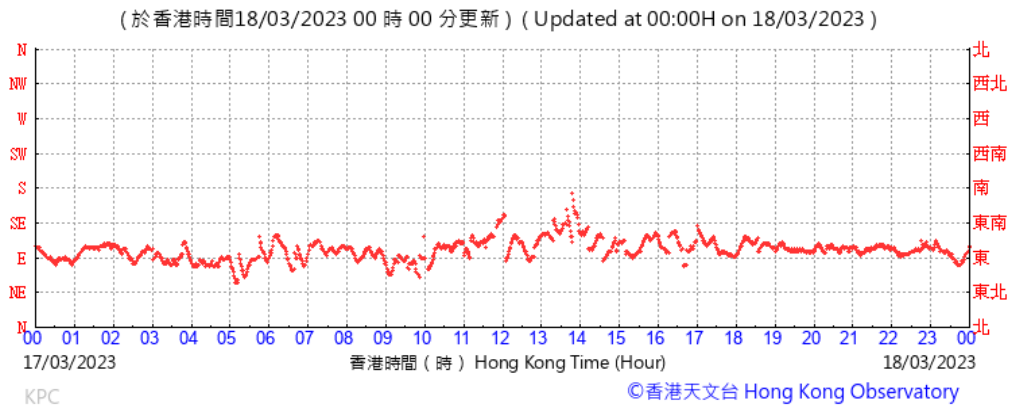
Wind Direction recorded at King's Park Meteorological Station on 14 March 2023



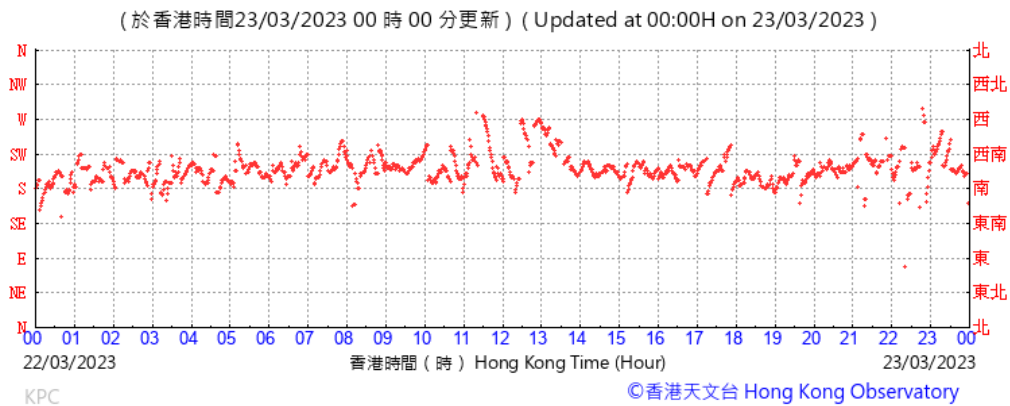
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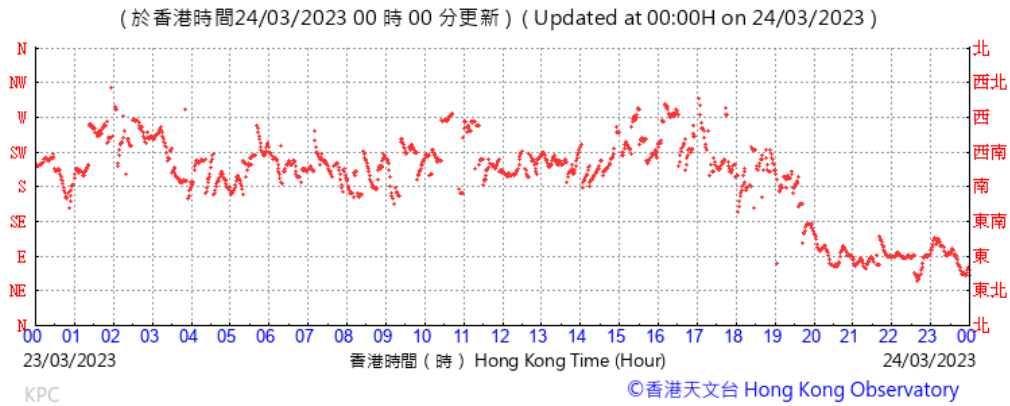
Wind Direction recorded at King's Park Meteorological Station on 18 March 2023



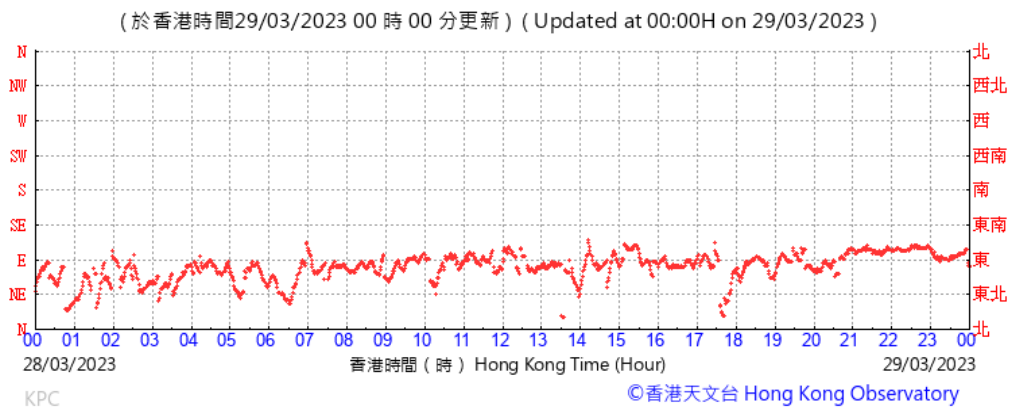
Wind Direction recorded at King's Park Meteorological Station on 23 March 2023



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



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



Wind Direction recorded at King's Park Meteorological Station on 30 March 2023

