

Appendix G

Construction Dust Monitoring

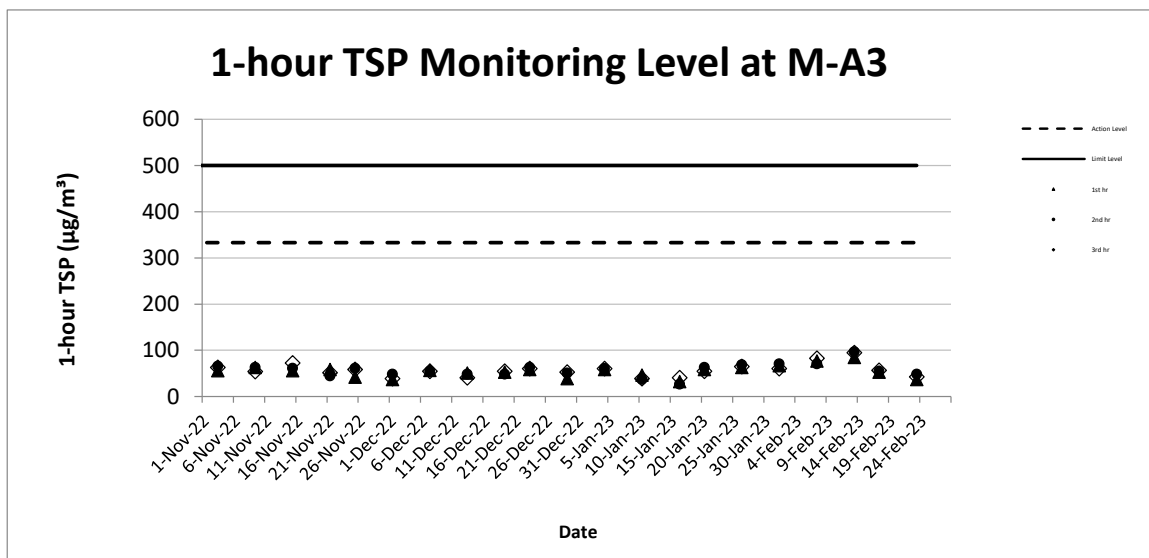
Results and Meteorological

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-Feb-23	12:04	66	70	60	66	333	500	Fine
7-Feb-23	12:58	77	70	83	77			Fine
13-Feb-23	12:35	85	97	95	92			Fine
17-Feb-23	9:20	52	54	56	54			Fine
23-Feb-23	8:55	36	48	42	42			Fine
Average		66						
Max		97						
Min		36						



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

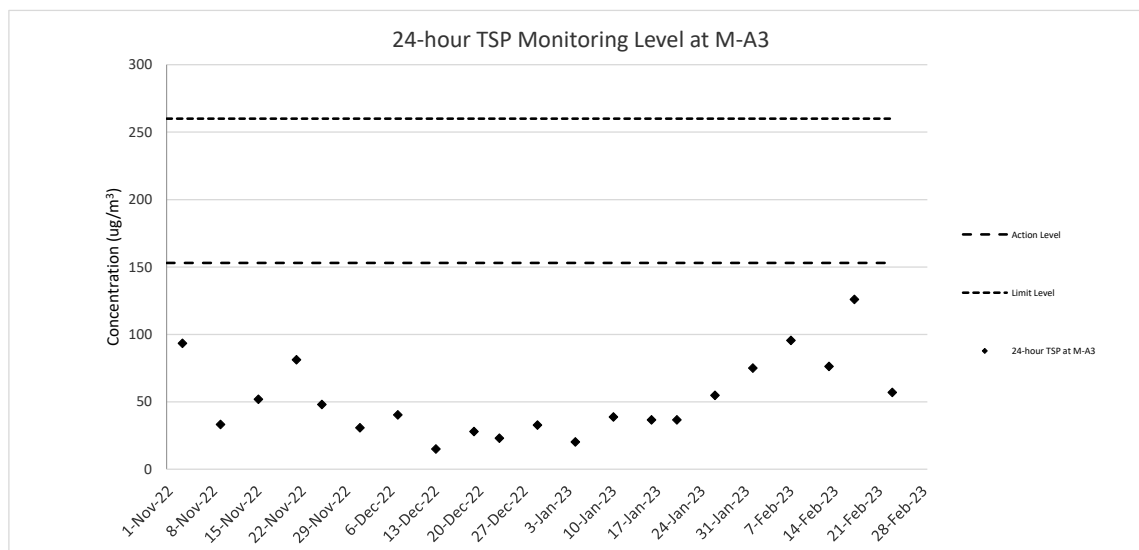
M-A3 - SKH Tsoi Kung Po Secondary School

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-Feb-23	Fine	292.9	761.8	2.7676	2.9031	0.1355	24	1.25	1.26	1.26	1809.5	75	153	260	
7-Feb-23	Fine	294	761.6	2.7050	2.8695	0.1645	24	1.18	1.21	1.20	1721.9	96			
13-Feb-23	Fine	295.3	760.3	2.6305	2.7614	0.1309	24	1.18	1.21	1.19	1719.8	76			
17-Feb-23	Fine	291.7	766.0	2.7190	2.9364	0.2174	24	1.19	1.21	1.20	1726.6	126			
23-Feb-23	Fine	291.2	764.0	2.6915	2.7896	0.0981	24	1.19	1.21	1.20	1726.3	57			
												Min	57		
												Max	126		
												Average	86		

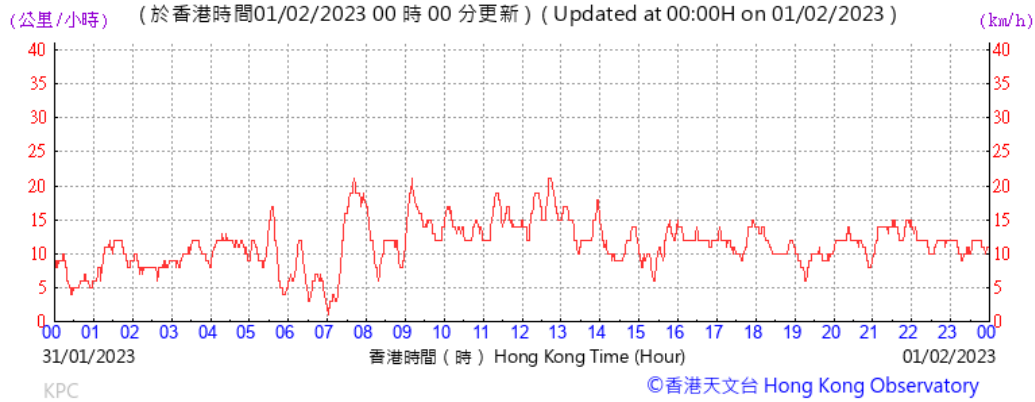
Note:

Underline: Exceedance of Action Level

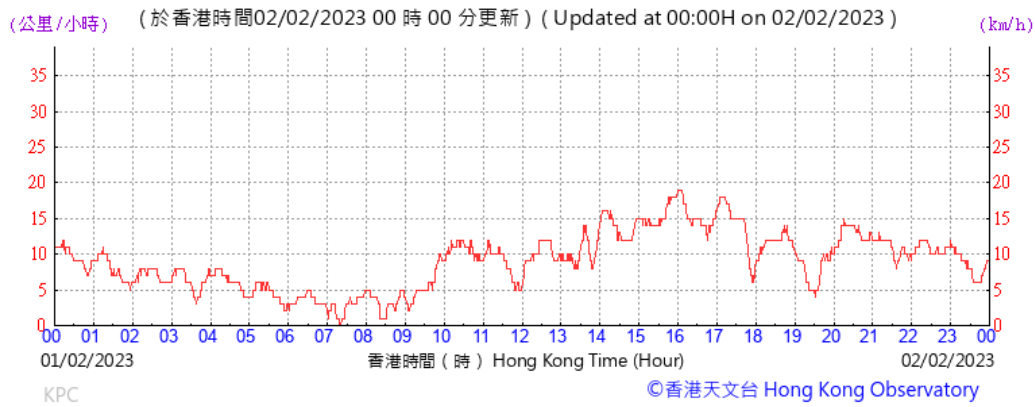
Underline and Bold: Exceedance of Limit Level



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



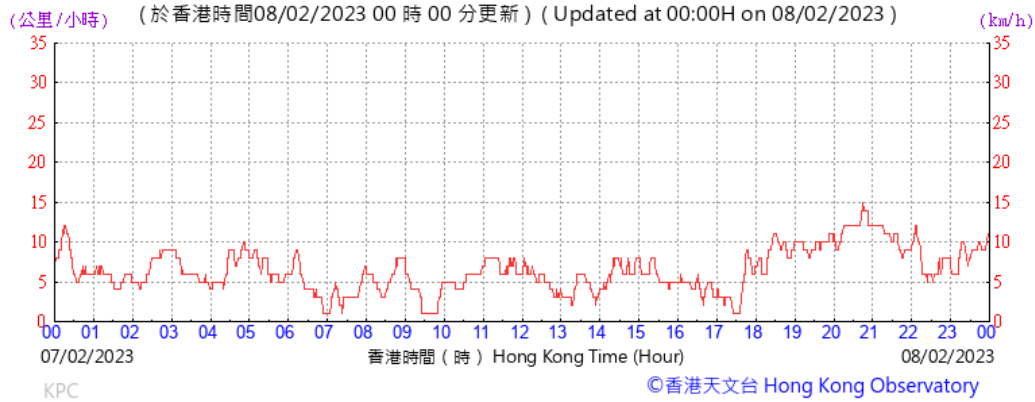
Wind Speed recorded at King's Park Meteorological Station on 2 February 2023



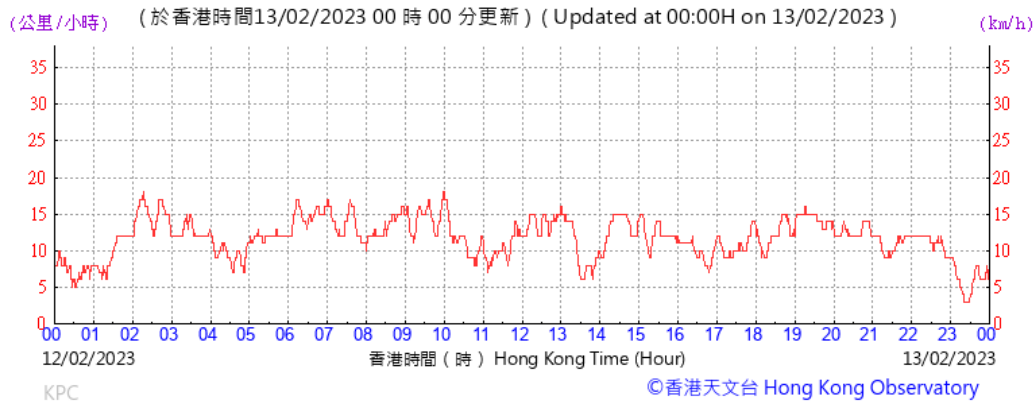
Wind Speed recorded at King's Park Meteorological Station on 7 February 2023



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



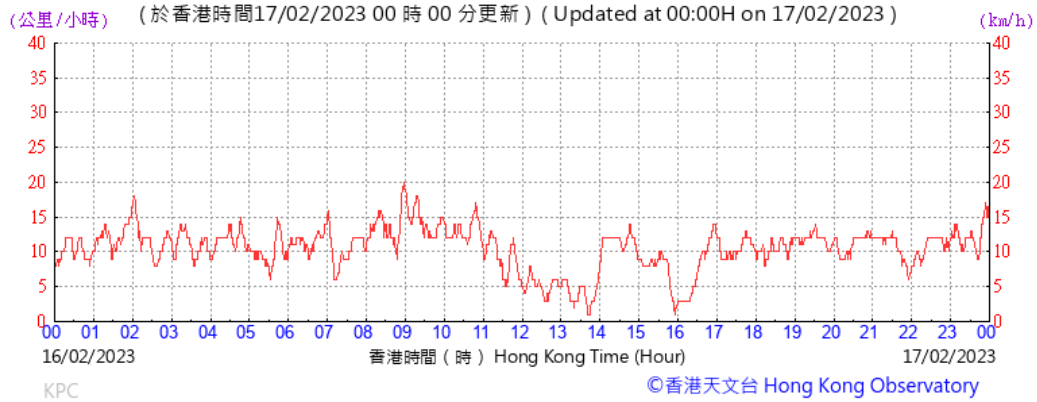
Wind Speed recorded at King's Park Meteorological Station on 13 February 2023



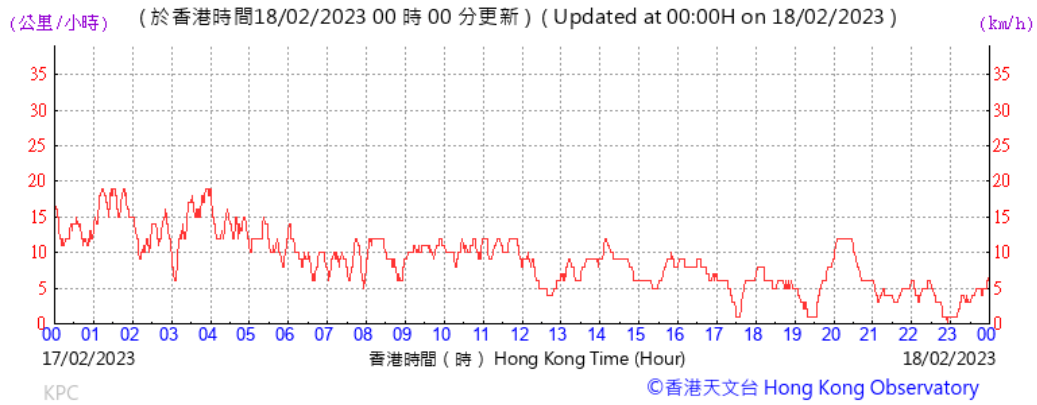
Wind Speed recorded at King's Park Meteorological Station on 14 February 2023



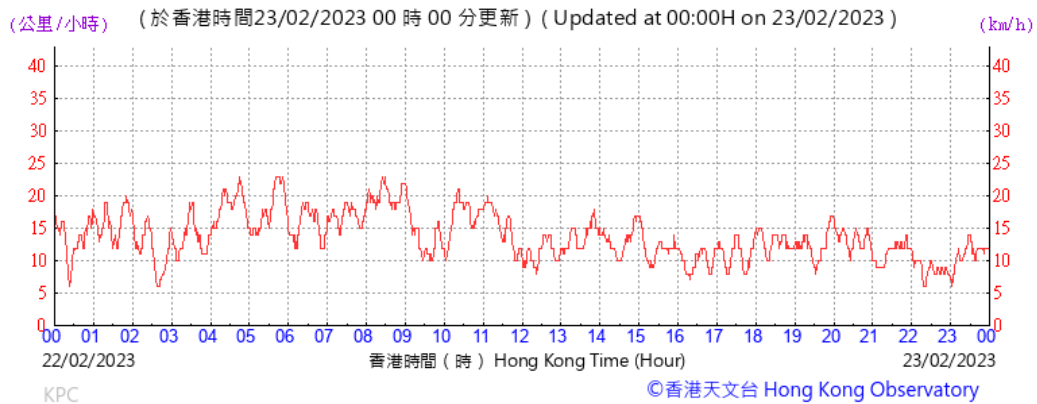
Wind Speed recorded at King's Park Meteorological Station on 17 February 2023



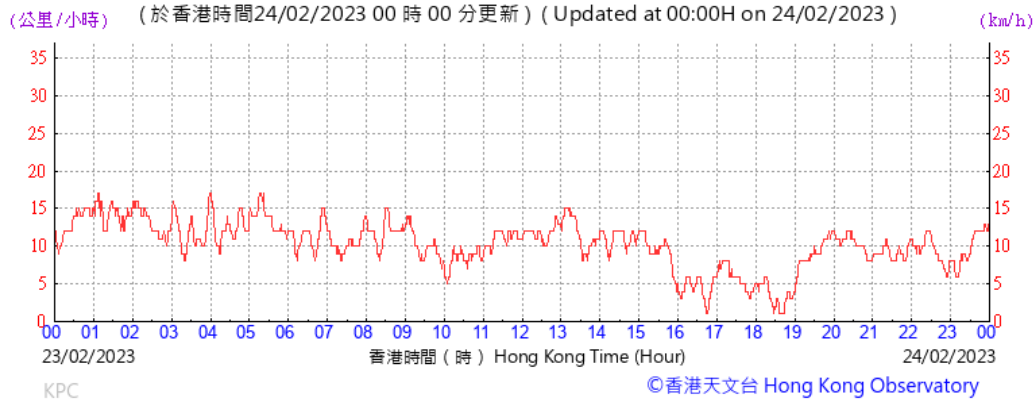
Wind Speed recorded at King's Park Meteorological Station on 18 February 2023



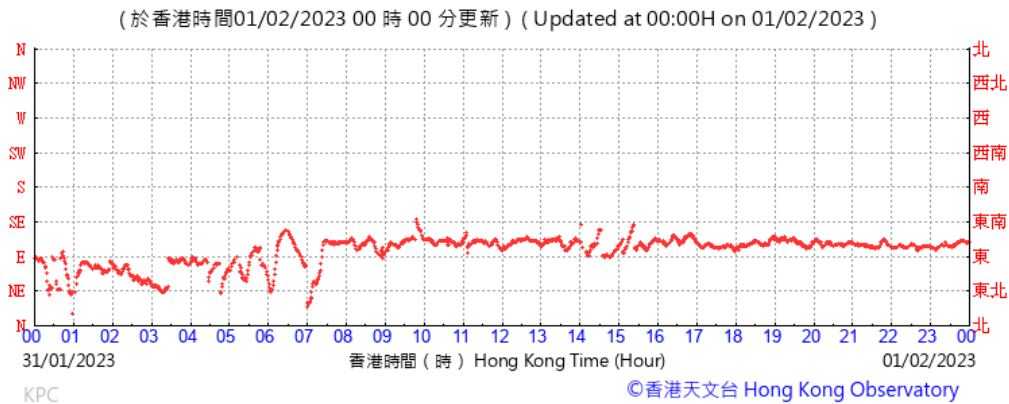
Wind Speed recorded at King's Park Meteorological Station on 23 February 2023



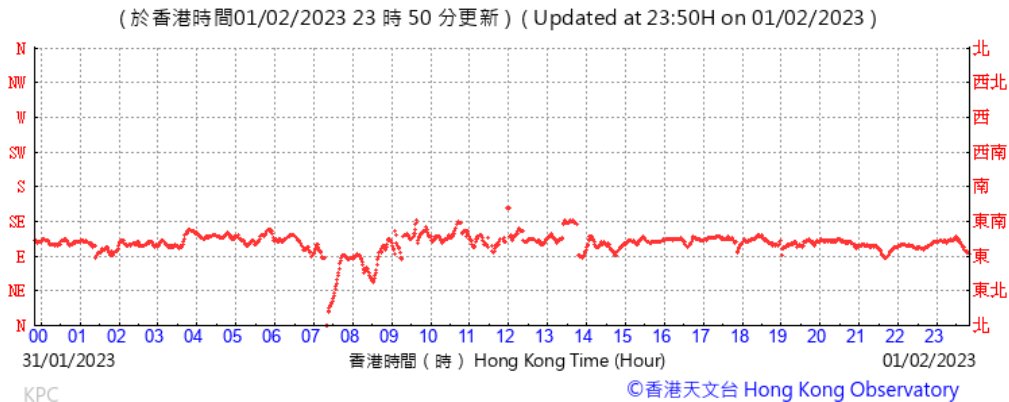
Wind Speed recorded at King's Park Meteorological Station on 24 February 2023



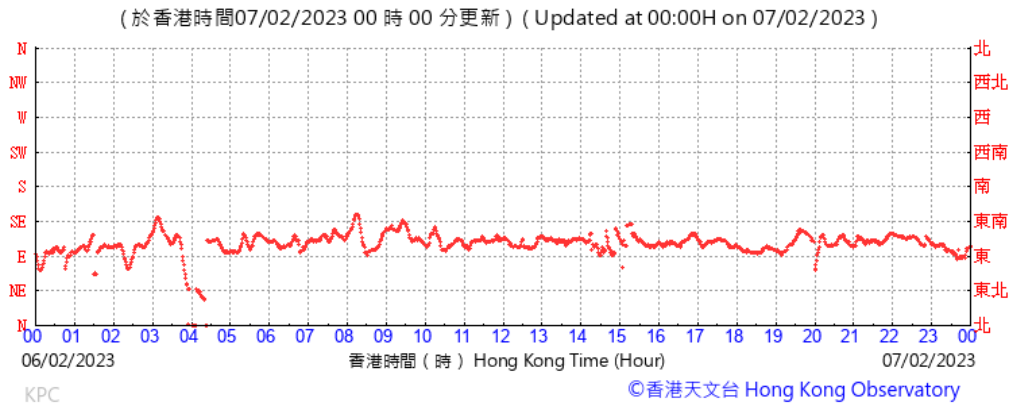
Wind Direction recorded at King's Park Meteorological Station on 1 February 2023



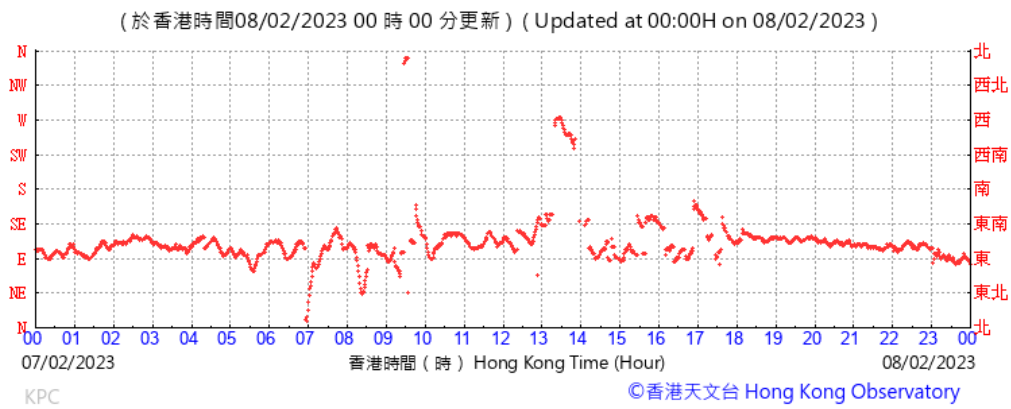
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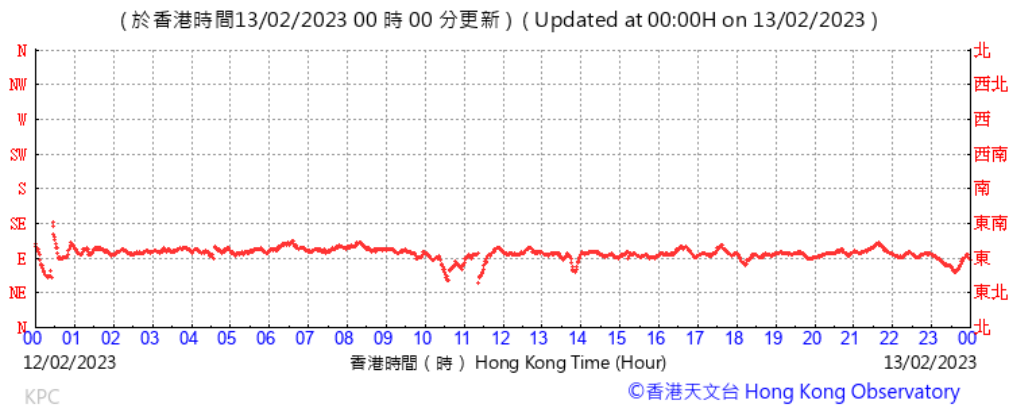
Wind Direction recorded at King's Park Meteorological Station on 7 February 2023



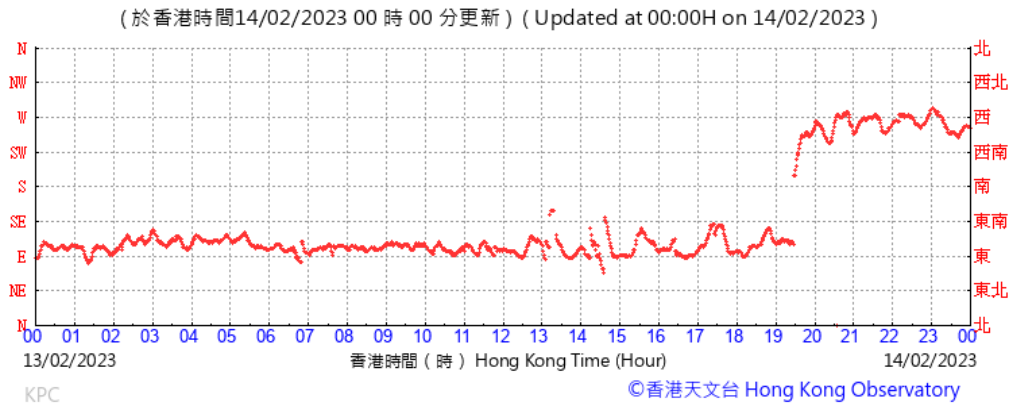
Wind Direction recorded at King's Park Meteorological Station on 8 February 2023



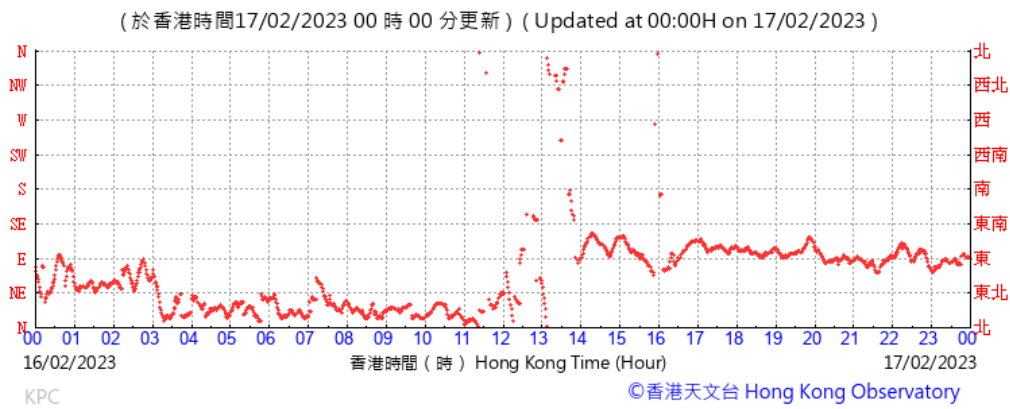
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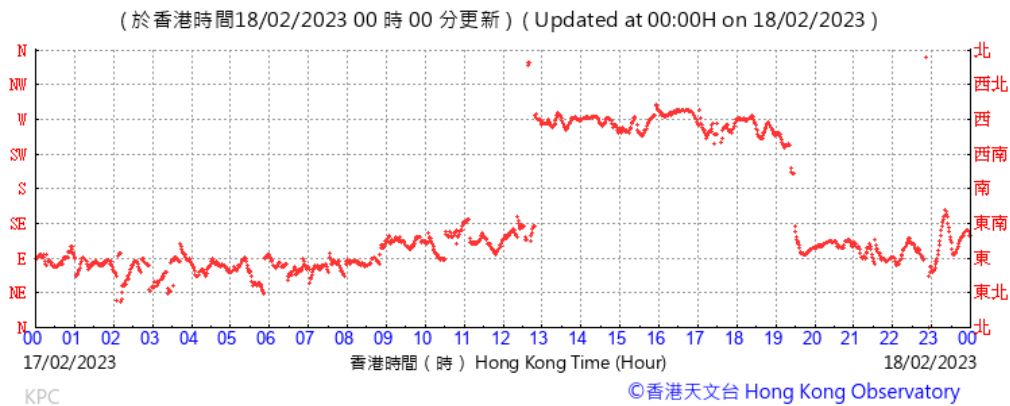
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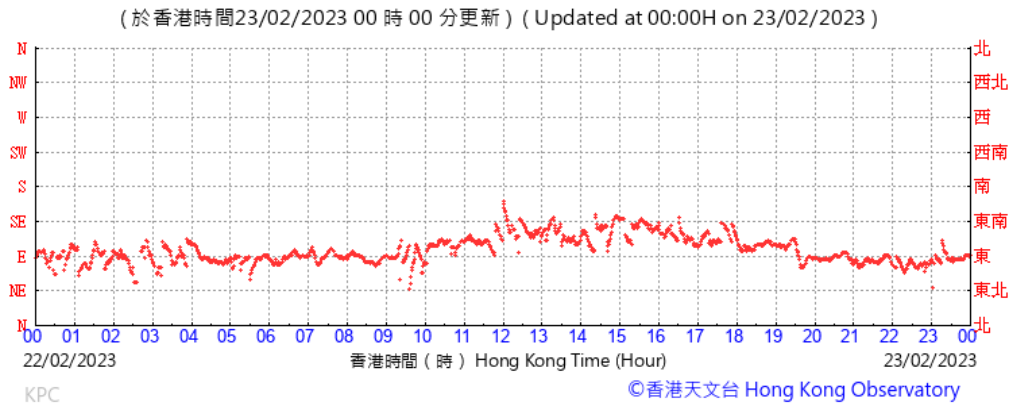
Wind Direction recorded at King's Park Meteorological Station on 17 February 2023



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



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



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

