

Appendix G

Construction Dust Monitoring

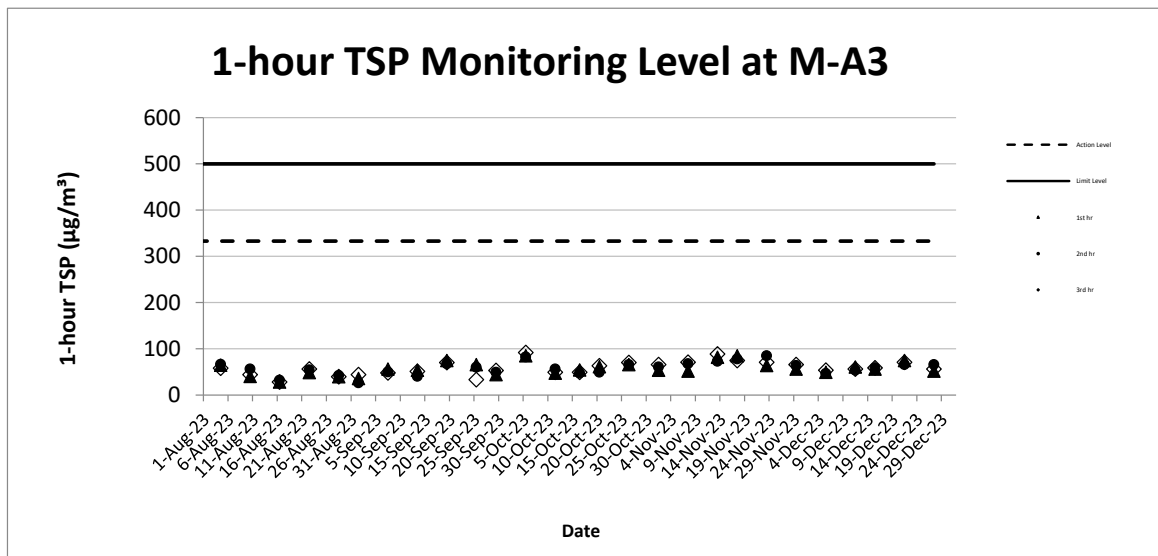
Results and Meteorological

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-Nov-23	10:48	54	61	66	60	333	500	Fine
7-Nov-23	9:05	52	68	71	64			Fine
13-Nov-23	8:30	82	73	89	81			Fine
17-Nov-23	8:43	85	78	75	79			Fine
23-Nov-23	13:10	64	85	71	73			Fine
29-Nov-23	12:52	56	64	66	62			Fine
5-Dec-23	10:48	49	47	54	50	333	500	Fine
11-Dec-23	9:05	61	54	56	57			Fine
15-Dec-23	8:30	56	59	59	58			Fine
21-Dec-23	8:43	75	66	71	71			Fine
27-Dec-23	13:10	52	66	56	58			Fine
	Average	59						
	Max	75						
	Min	47						

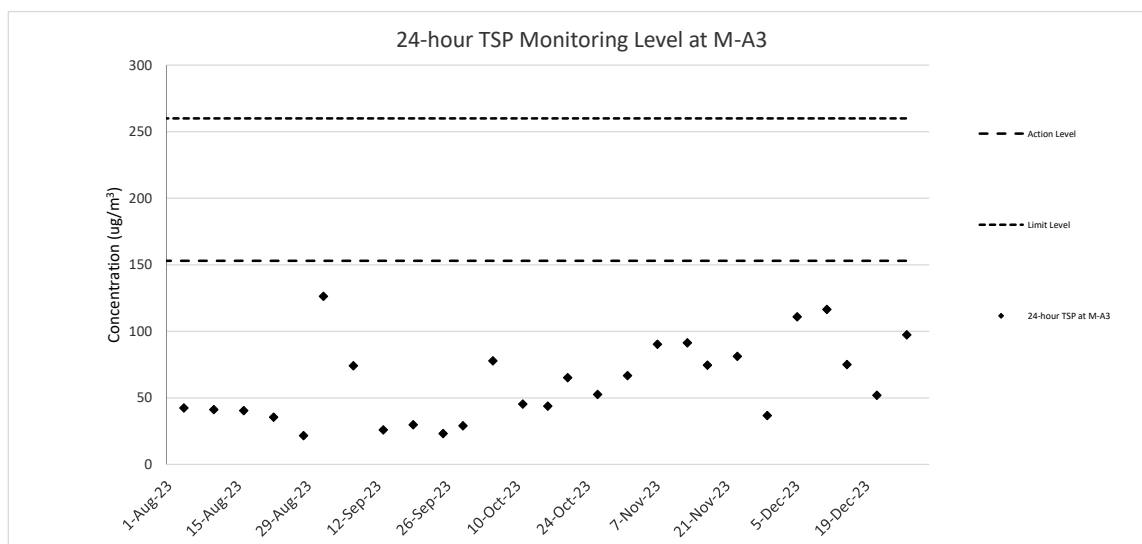


24-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

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					
5-Dec-23	Fine	294.7	761.8	2.6829	2.8464	0.1635	24	1.02	1.03	1.02	1473.5	111	153	260
11-Dec-23	Fine	297.2	761.0	2.7008	2.8804	0.1796	24	1.05	1.10	1.07	1543.0	116		
15-Dec-23	Fine	297.4	762.3	2.7371	2.8437	0.1066	24	0.98	0.99	0.99	1419.9	75		
21-Dec-23	Fine	283.9	770.4	2.6816	2.7581	0.0765	24	1.02	1.03	1.02	1473.1	52		
27-Dec-23	Fine	291.7	768.1	2.6936	2.8405	0.1469	24	1.03	1.06	1.05	1507.8	97		
											Min	52		
											Max	116		
											Average	90		

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



Wind Speed recorded at King's Park Meteorological Station on 5 December 2023



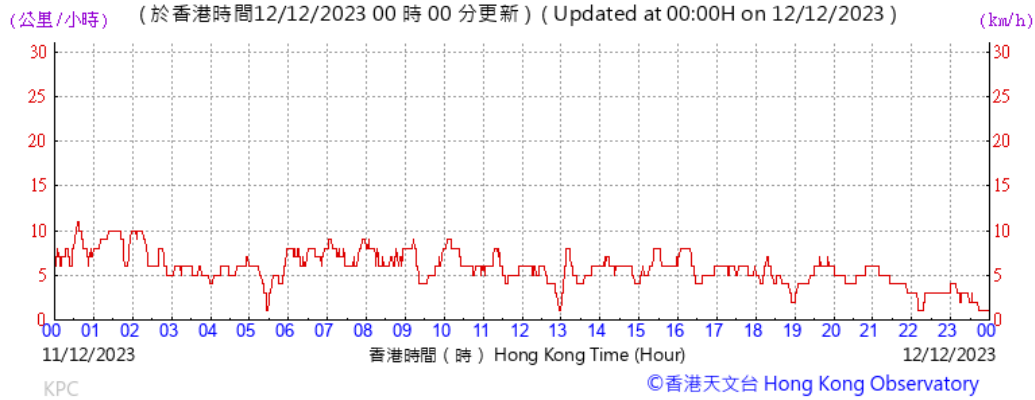
Wind Speed recorded at King's Park Meteorological Station on 6 December 2023



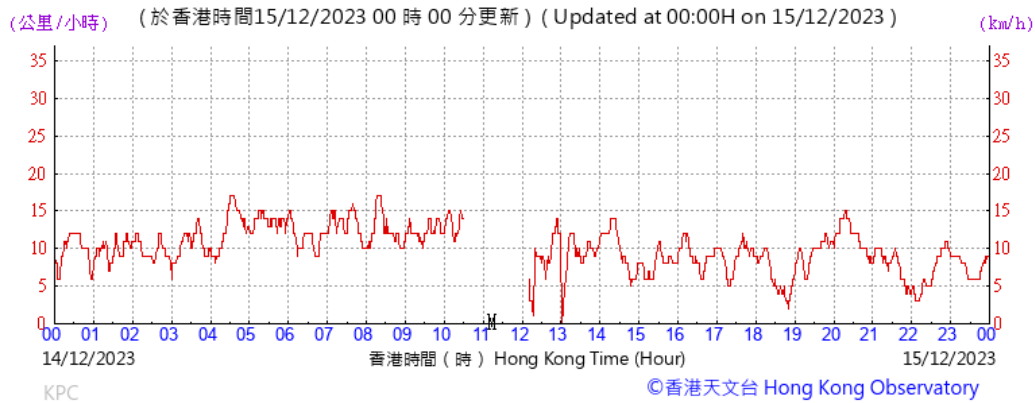
Wind Speed recorded at King's Park Meteorological Station on 11 December 2023



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



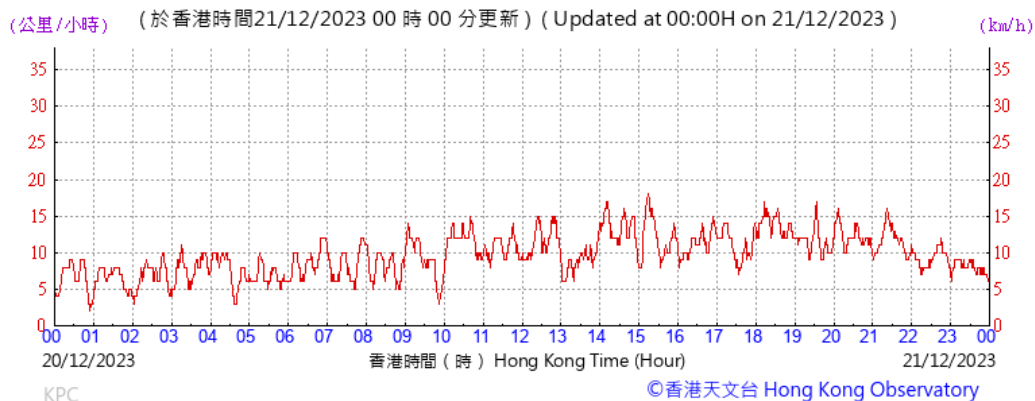
Wind Speed recorded at King's Park Meteorological Station on 15 December 2023



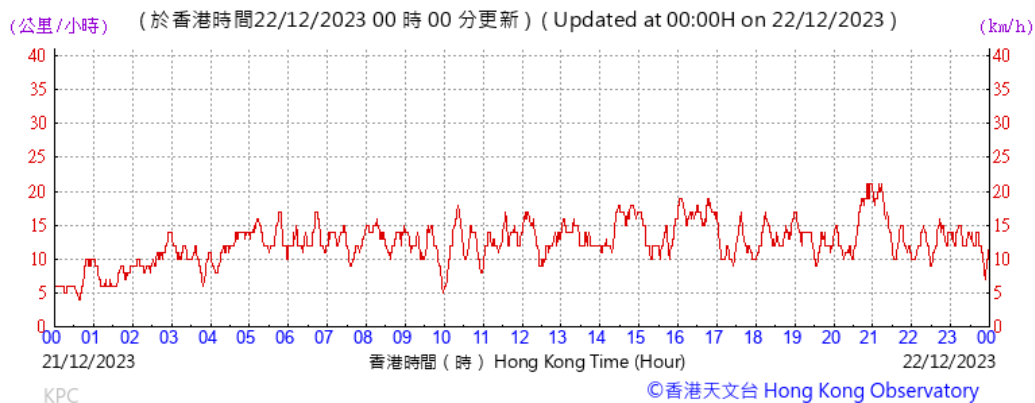
Wind Speed recorded at King's Park Meteorological Station on 16 December 2023



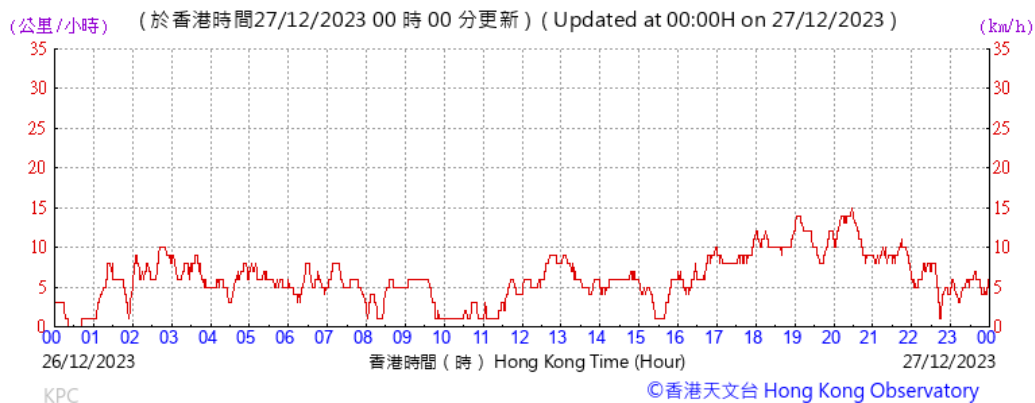
Wind Speed recorded at King's Park Meteorological Station on 21 December 2023



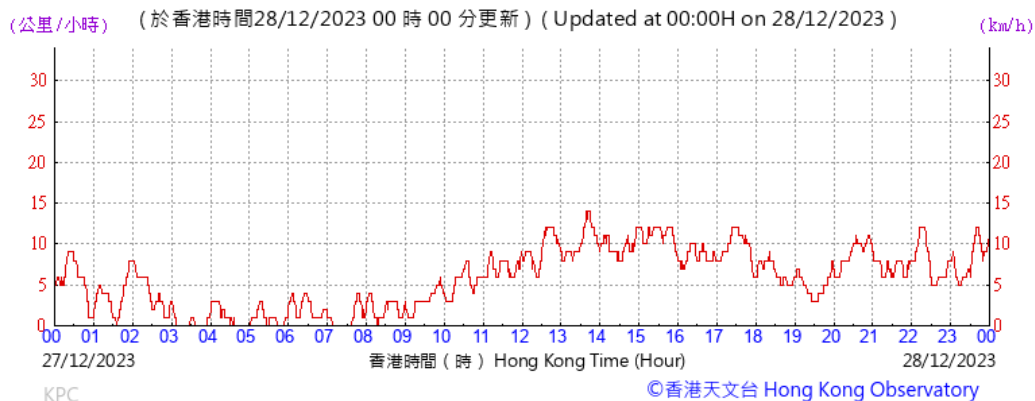
Wind Speed recorded at King's Park Meteorological Station on 22 December 2023



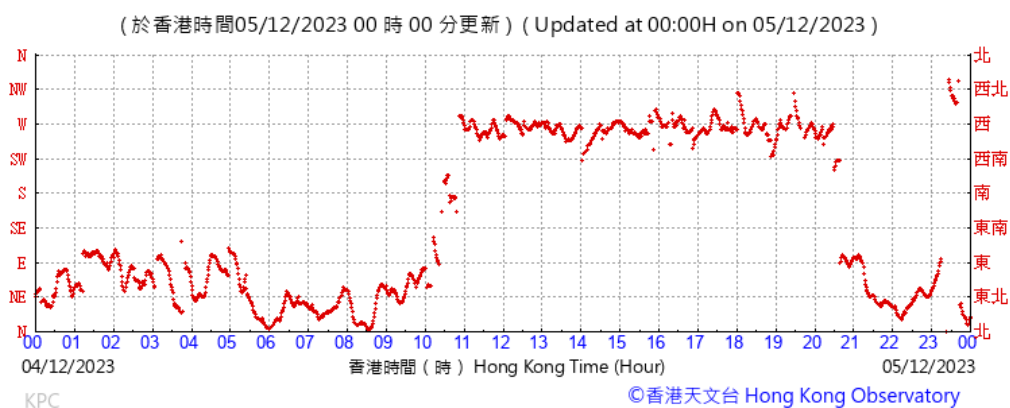
Wind Speed recorded at King's Park Meteorological Station on 27 December 2023



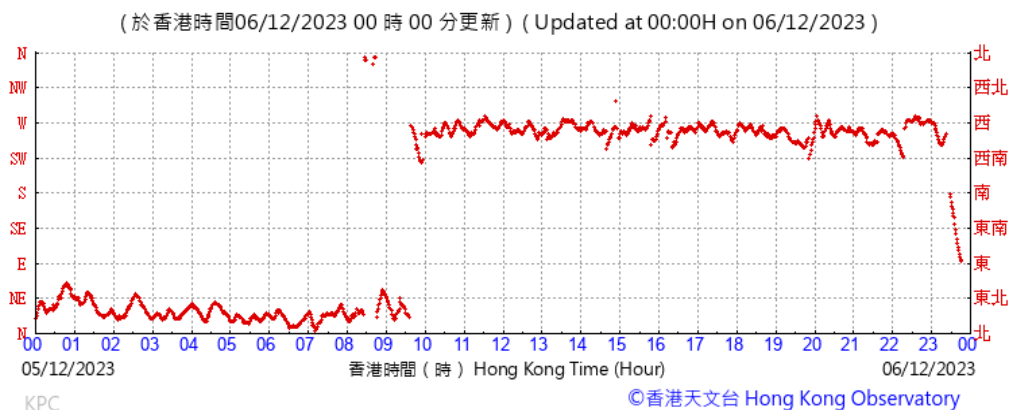
Wind Speed recorded at King's Park Meteorological Station on 28 December 2023



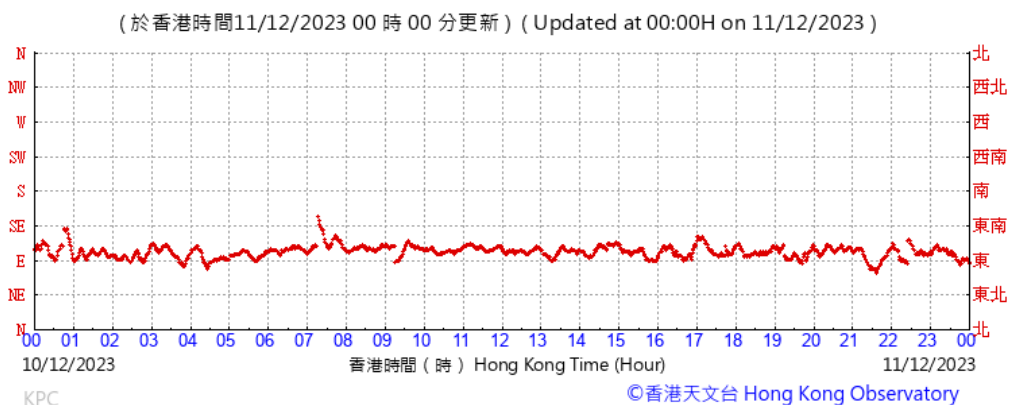
Wind Direction recorded at King's Park Meteorological Station on 5 December 2023



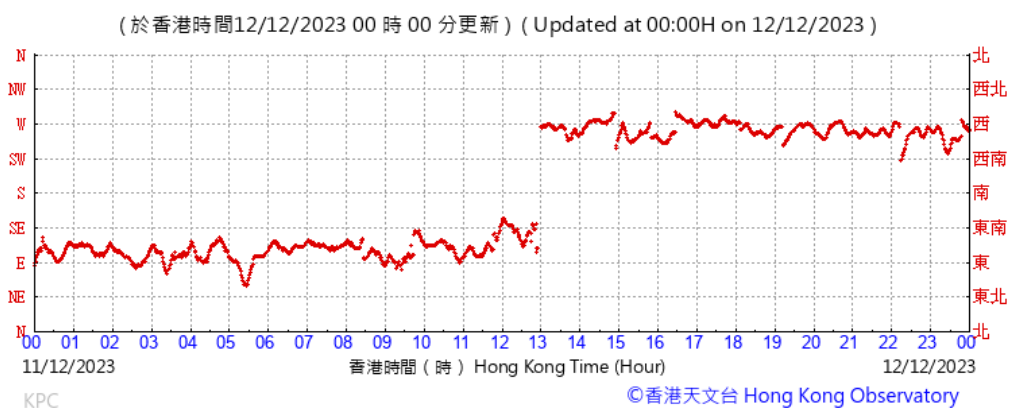
Wind Direction recorded at King's Park Meteorological Station on 6 December 2023



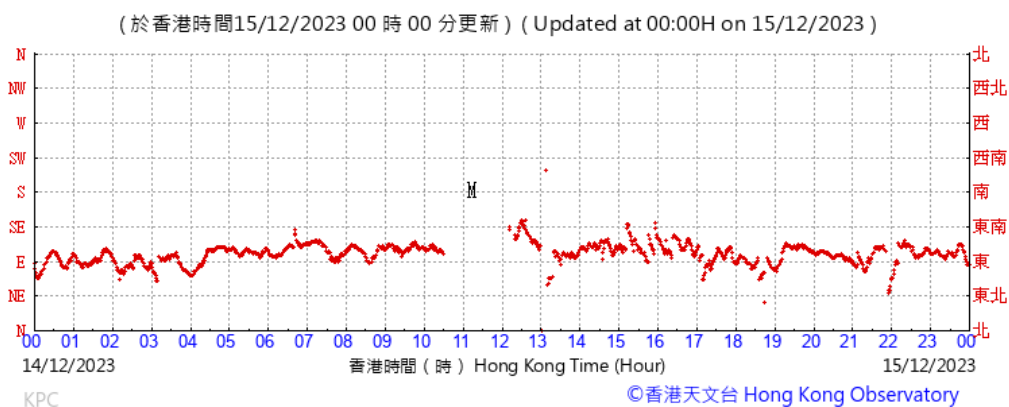
Wind Direction recorded at King's Park Meteorological Station on 11 December 2023



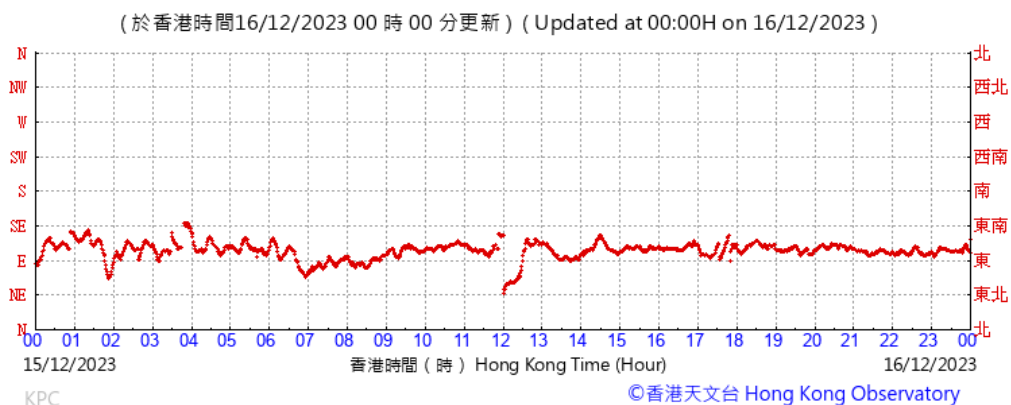
Wind Direction recorded at King's Park Meteorological Station on 12 December 2023



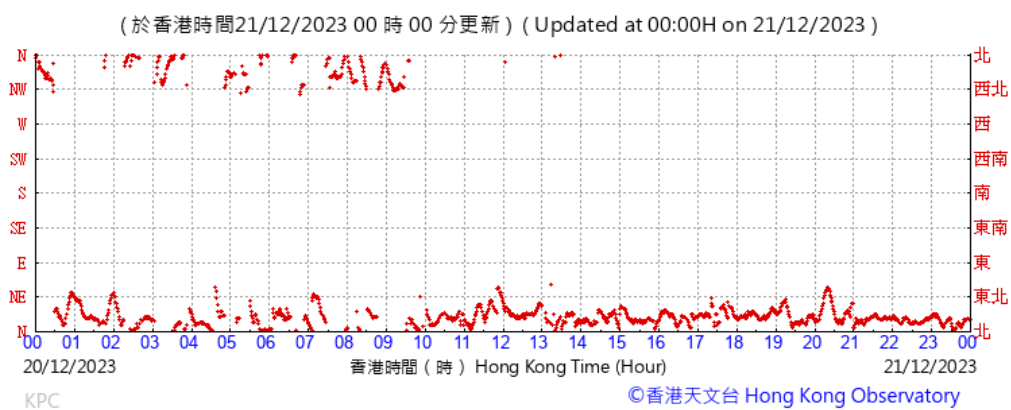
Wind Direction recorded at King's Park Meteorological Station on 15 December 2023



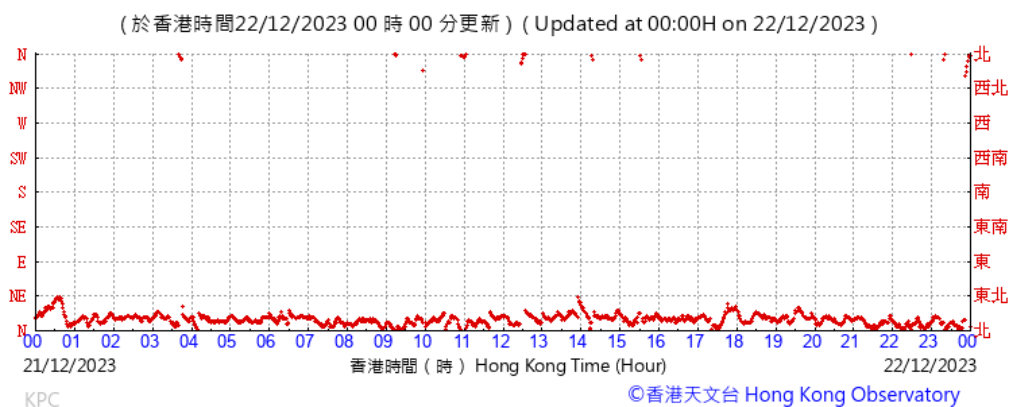
Wind Direction recorded at King's Park Meteorological Station on 16 December 2023



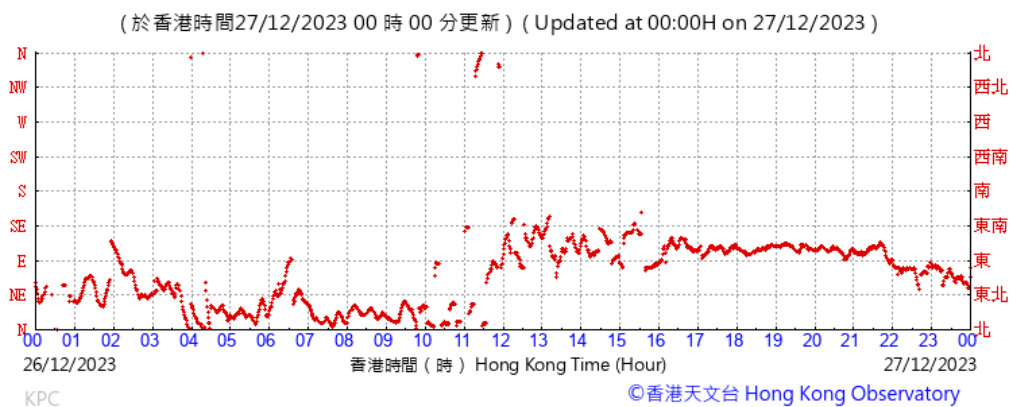
Wind Direction recorded at King's Park Meteorological Station on 21 December 2023



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



Wind Direction recorded at King's Park Meteorological Station on 27 December 2023



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

