

Appendix G

Construction Dust Monitoring

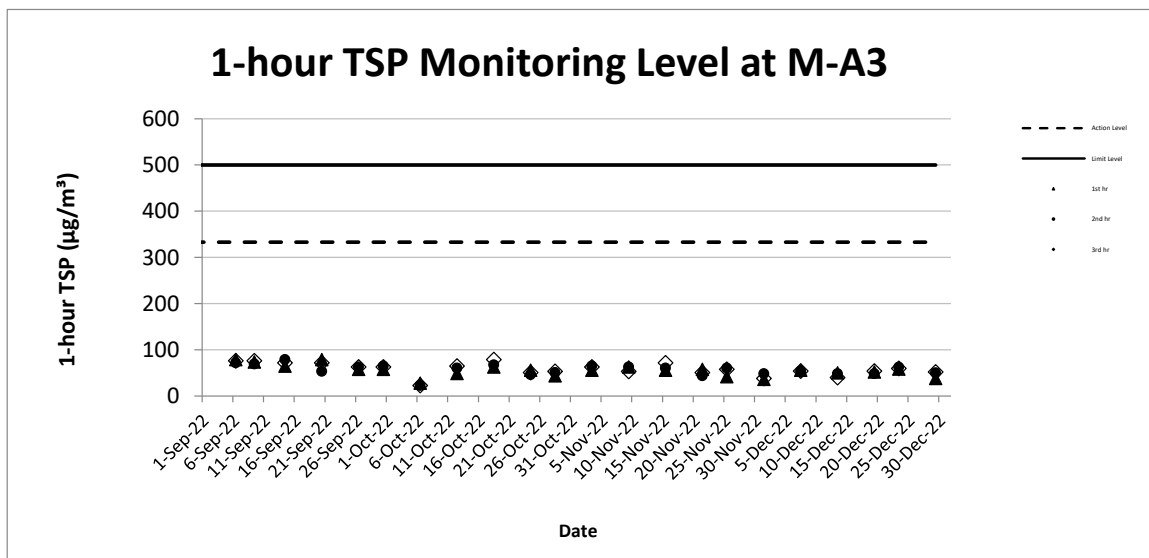
Results and Meteorological

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-Dec-22	12:54	36	48	38	41	333	500	Fine
7-Dec-22	12:35	56	54	54	55			Fine
13-Dec-22	12:58	50	48	40	46			Fine
19-Dec-22	8:30	52	48	54	52			Fine
23-Dec-22	9:15	58	62	60	60			Fine
29-Dec-22	8:53	38	50	52	47			Sunny
Average		50						
Max		62						
Min		36						

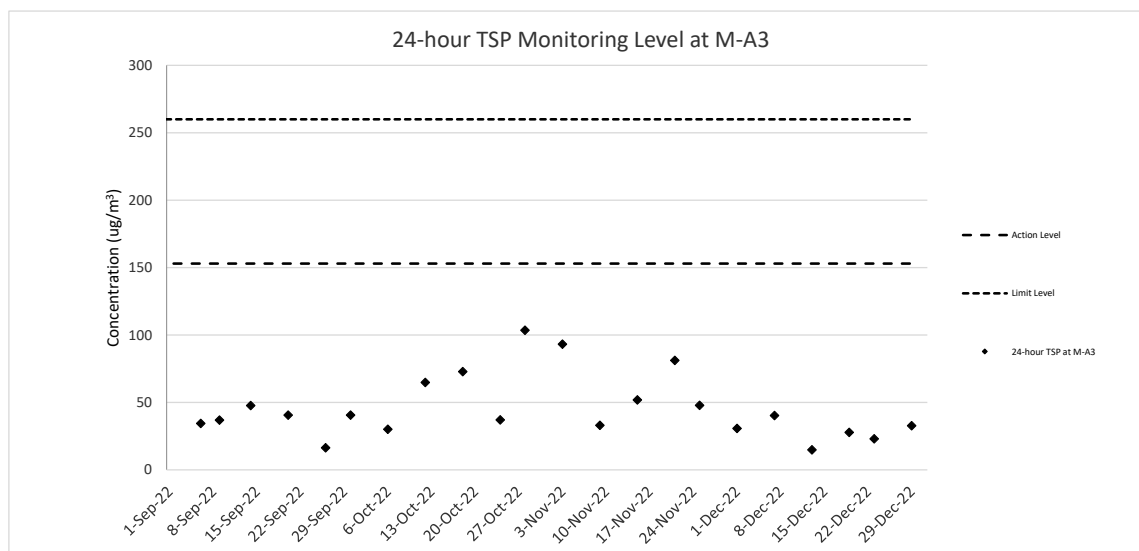


24-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

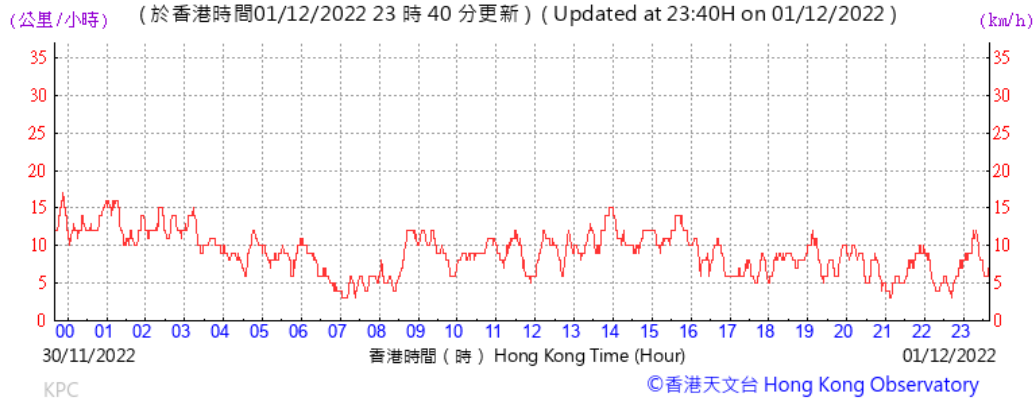
M-A3 - SKH Tsoi Kung Po Secondary School

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-Dec-22	Fine	289.5	765.4	2.6428	2.6939	0.0511	24	1.14	1.17	1.16	1665.9	31	153	260
7-Dec-22	Fine	291.7	764.2	2.7524	2.8193	0.0669	24	1.13	1.17	1.15	1660.2	40		
13-Dec-22	Fine	287.5	764.6	2.7185	2.7433	0.0248	24	1.14	1.17	1.16	1669.6	15		
19-Dec-22	Fine	286.7	766.3	2.7531	2.7997	0.0466	24	1.15	1.17	1.16	1672.7	28		
23-Dec-22	Fine	290.1	764.3	2.7667	2.8050	0.0383	24	1.14	1.17	1.16	1663.7	23		
29-Dec-22	Sunny	291.9	768.2	2.7550	2.8115	0.0565	24	1.19	1.21	1.20	1727.2	33		
											Min	15		
											Max	40		
											Average	28		

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



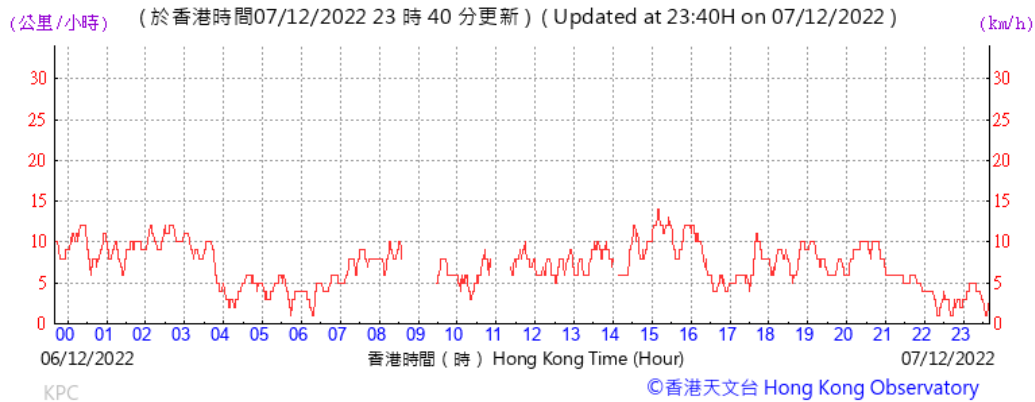
Wind Speed recorded at King's Park Meteorological Station on 1 December 2022



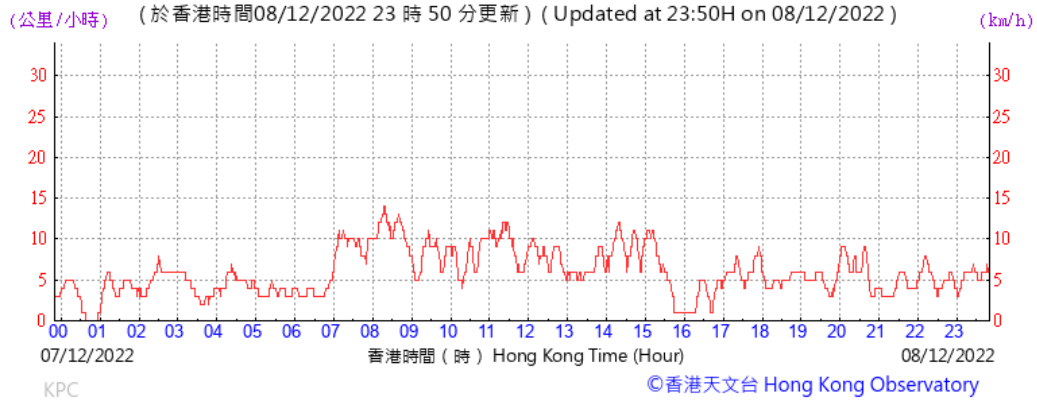
Wind Speed recorded at King's Park Meteorological Station on 2 December 2022



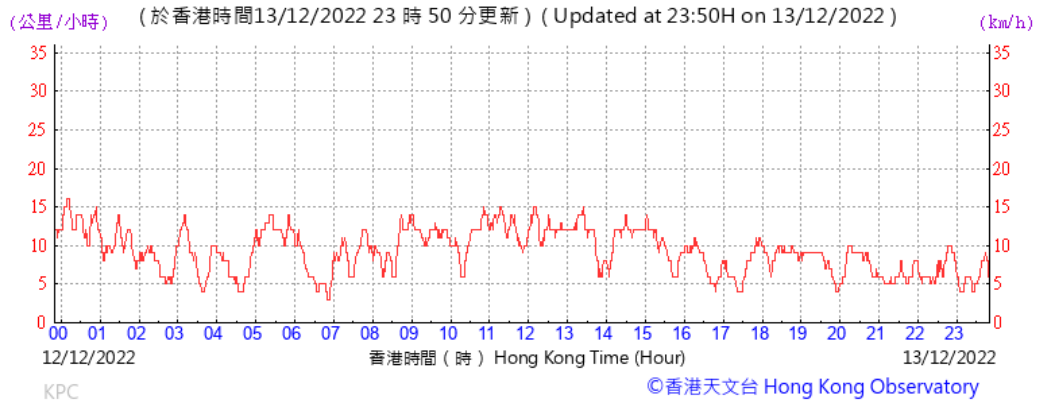
Wind Speed recorded at King's Park Meteorological Station on 7 December 2022



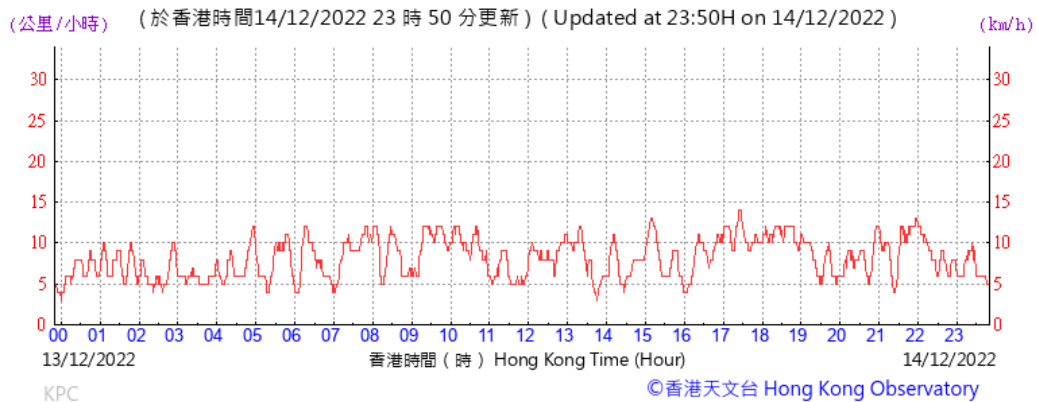
Wind Speed recorded at King's Park Meteorological Station on 8 December 2022



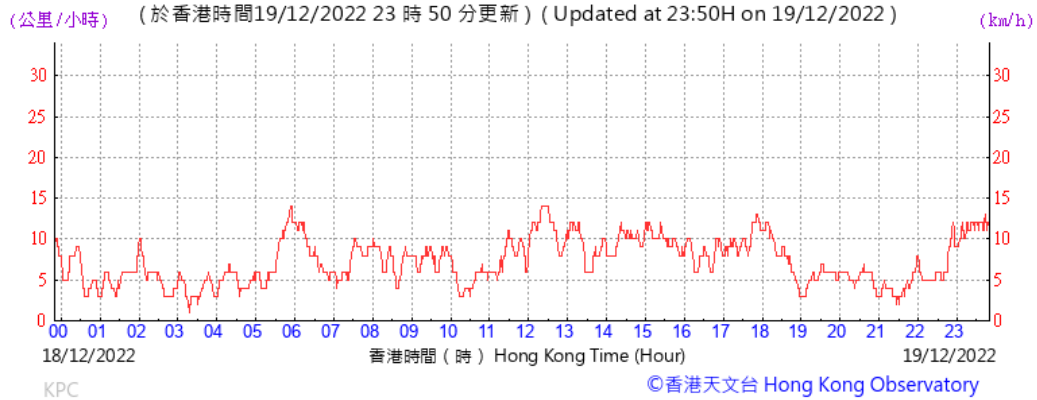
Wind Speed recorded at King's Park Meteorological Station on 13 December 2022



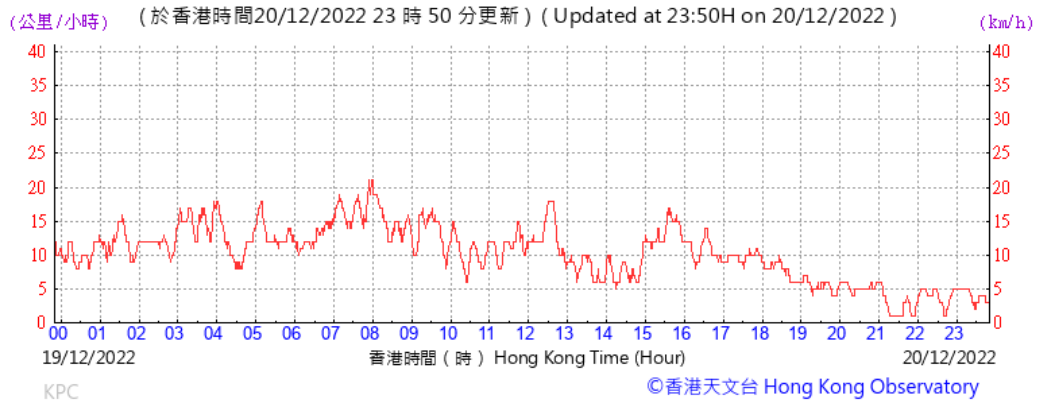
Wind Speed recorded at King's Park Meteorological Station on 14 December 2022



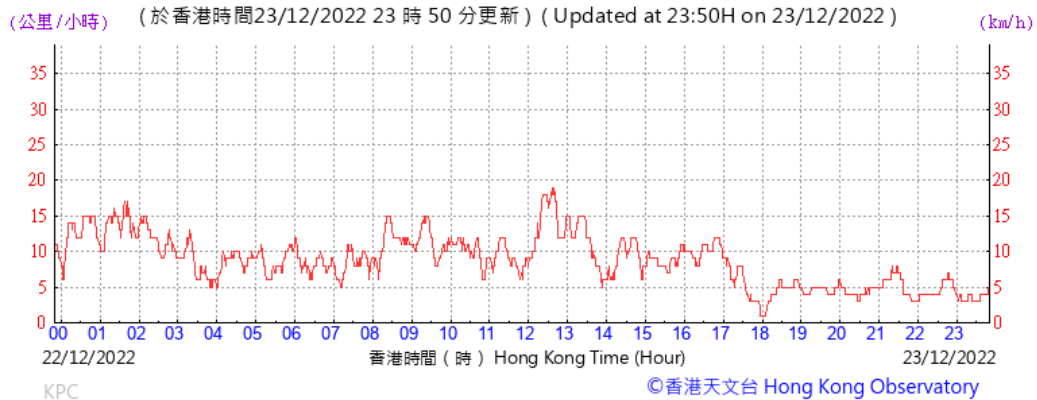
Wind Speed recorded at King's Park Meteorological Station on 19 December 2022



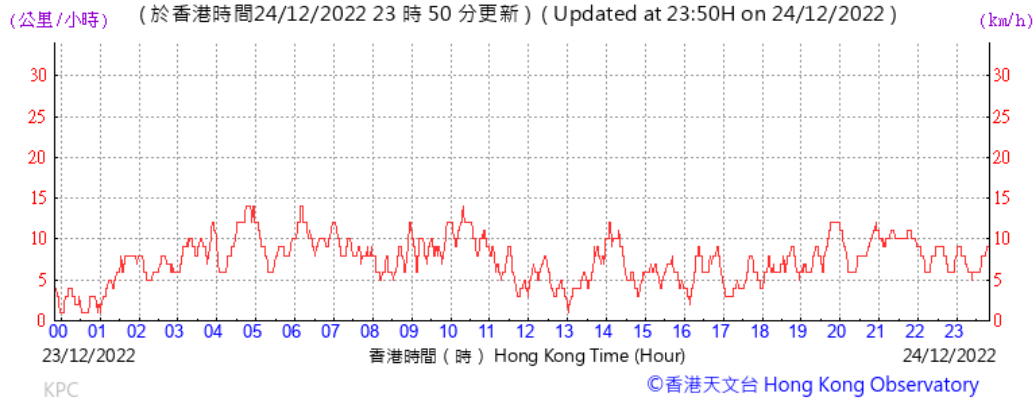
Wind Speed recorded at King's Park Meteorological Station on 20 December 2022



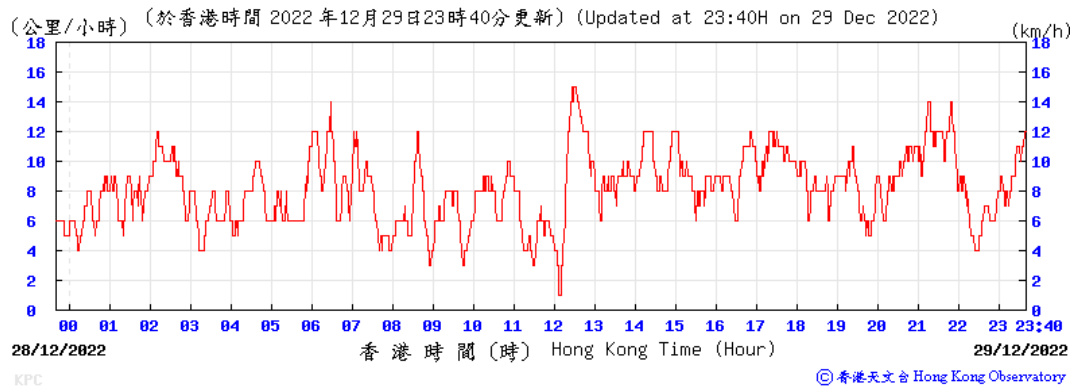
Wind Speed recorded at King's Park Meteorological Station on 23 December 2022



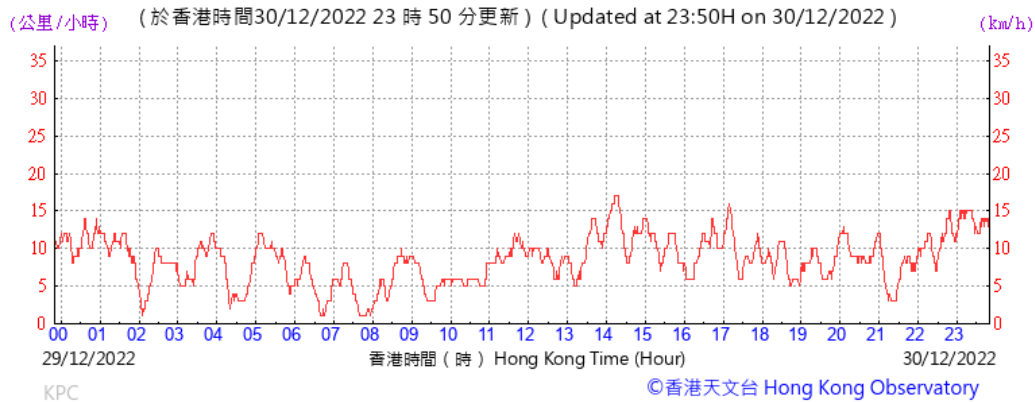
Wind Speed recorded at King's Park Meteorological Station on 24 December 2022



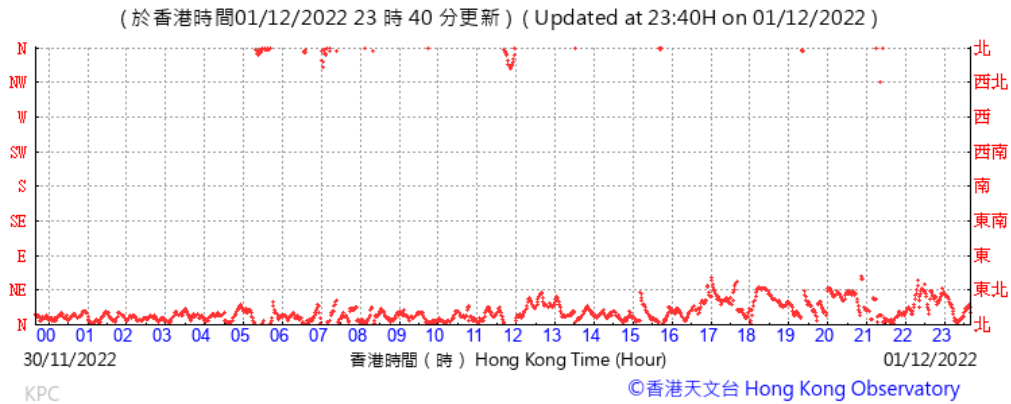
Wind Speed recorded at King's Park Meteorological Station on 29 December 2022



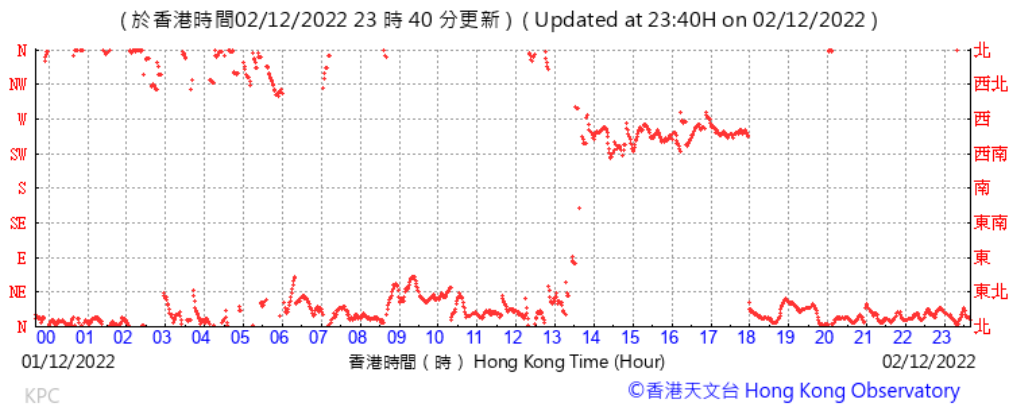
Wind Speed recorded at King's Park Meteorological Station on 30 December 2022



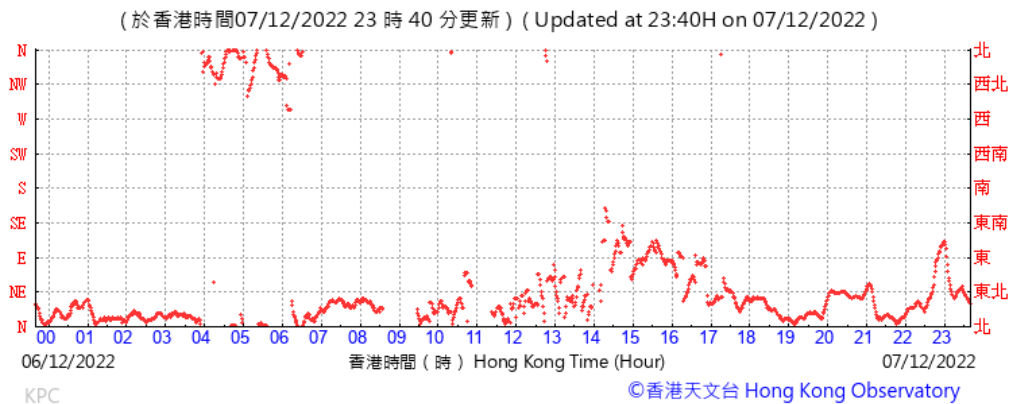
Wind Direction recorded at King's Park Meteorological Station on 1 December 2022



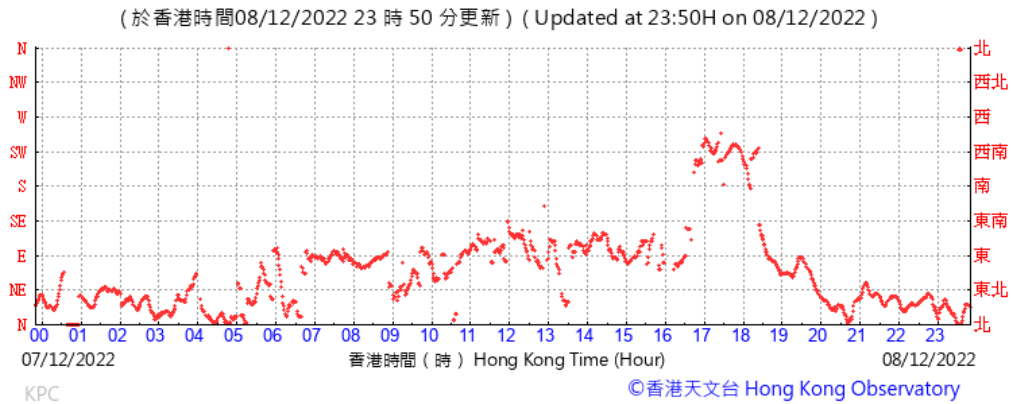
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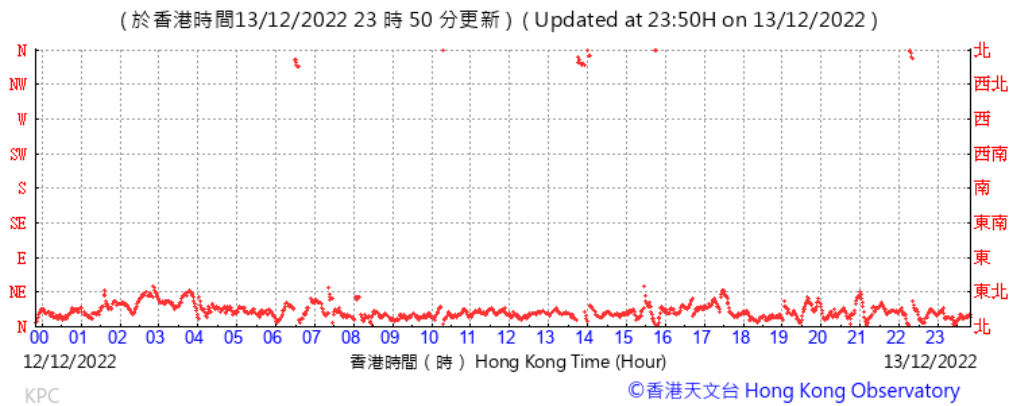
Wind Direction recorded at King's Park Meteorological Station on 7 December 2022



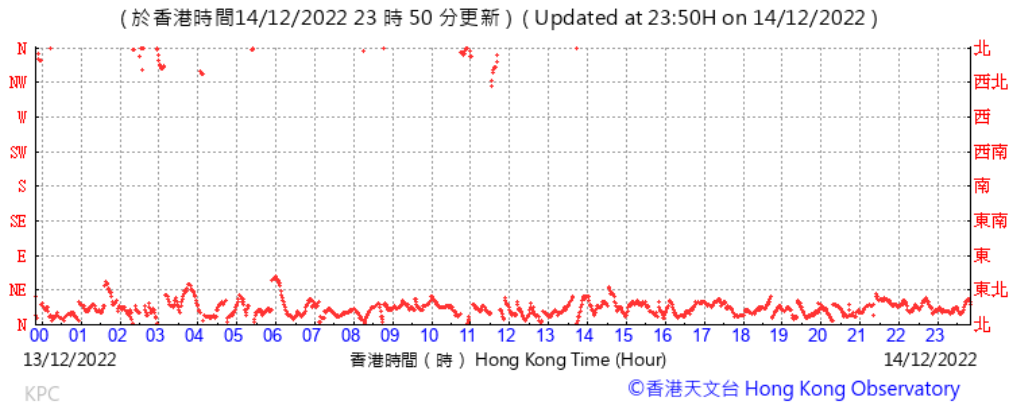
Wind Direction recorded at King's Park Meteorological Station on 8 December 2022



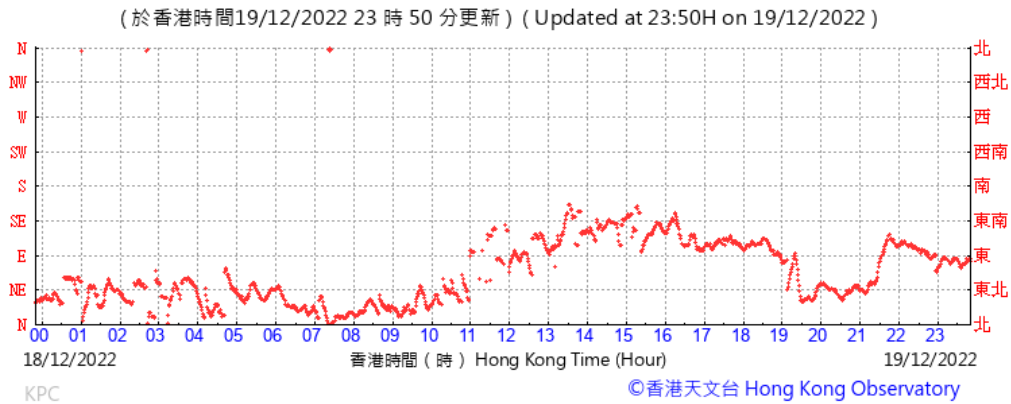
Wind Direction recorded at King's Park Meteorological Station on 13 December 2022



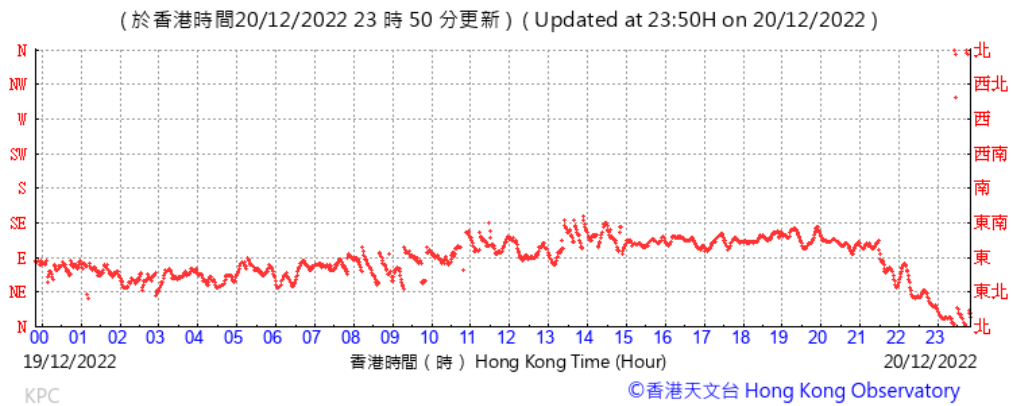
Wind Direction recorded at King's Park Meteorological Station on 14 December 2022



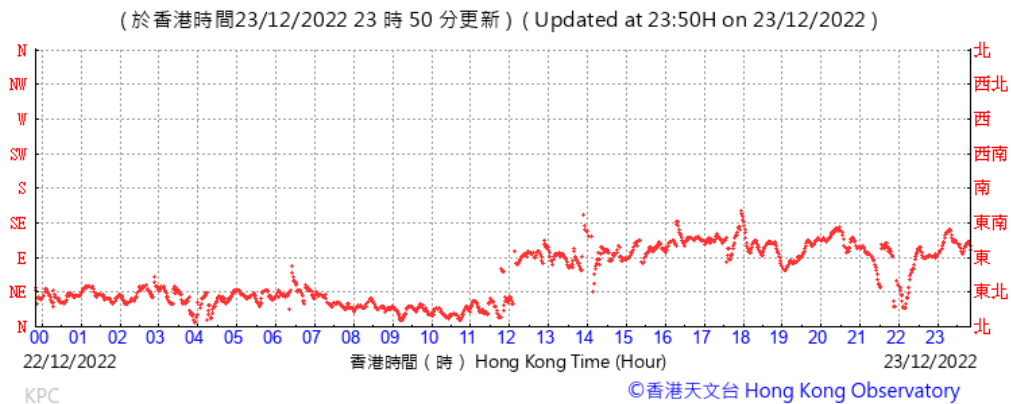
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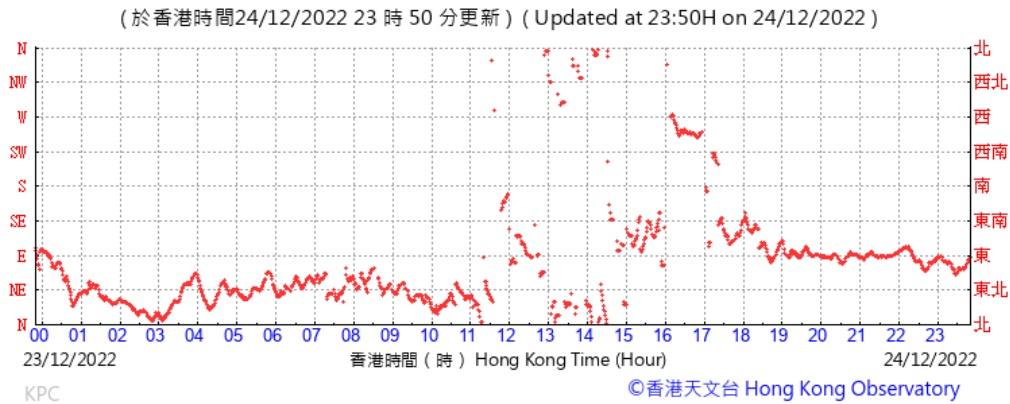
Wind Direction recorded at King's Park Meteorological Station on 20 December 2022



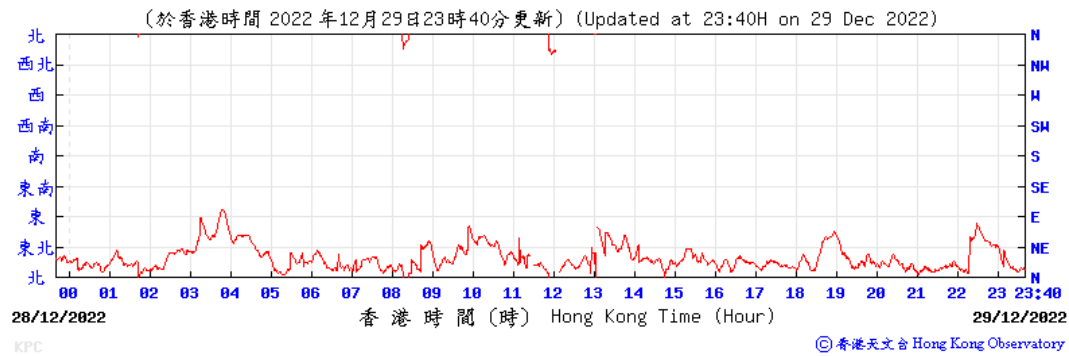
Wind Direction recorded at King's Park Meteorological Station on 23 December 2022



Wind Direction recorded at King's Park Meteorological Station on 24 December 2022



Wind Direction recorded at King's Park Meteorological Station on 29 December 2022



Wind Direction recorded at King's Park Meteorological Station on 30 December 2022

