

Appendix G

Construction Dust Monitoring

Results and Meteorological

Observations

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

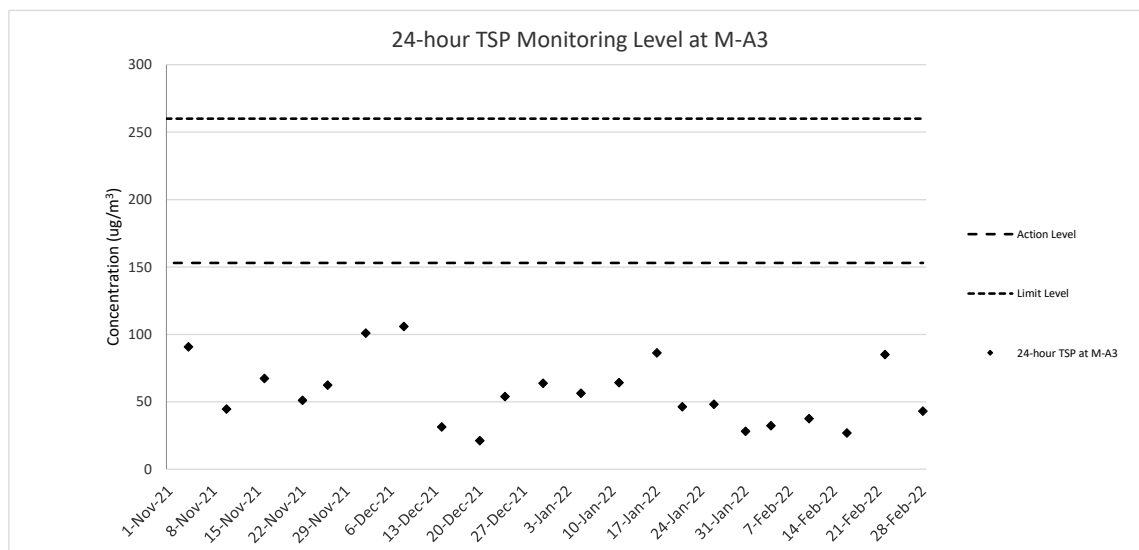
M-A3 - SKH Tsoi Kung Po Secondary School

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					
4-Feb-22	Fine	287.4	766.1	2.7213	2.7786	0.0573	24	1.21	1.26	1.24	1780.9	32	153	260
10-Feb-22	Fine	290	763.3	2.7619	2.8335	0.0716	24	1.34	1.32	1.33	1911.4	37		
16-Feb-22	Fine	289.9	762.1	2.7774	2.8296	0.0522	24	1.36	1.34	1.35	1949.4	27		
22-Feb-22	Fine	283.7	766.6	2.7649	2.9268	0.1619	24	1.35	1.29	1.32	1903.8	85		
28-Feb-22	Fine	291.9	764.0	2.7751	2.8547	0.0796	24	1.28	1.29	1.29	1851.1	43		
												Min	27	
												Max	85	
												Average	45	

Note:

Underline: Exceedance of Action Level

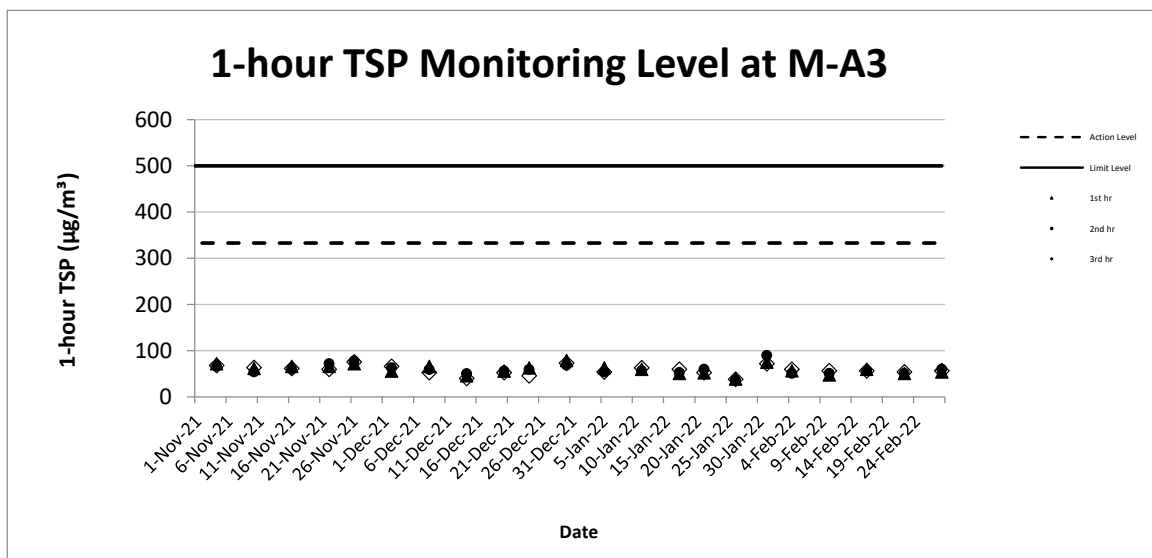
Underline and Bold: Exceedance of Limit Level



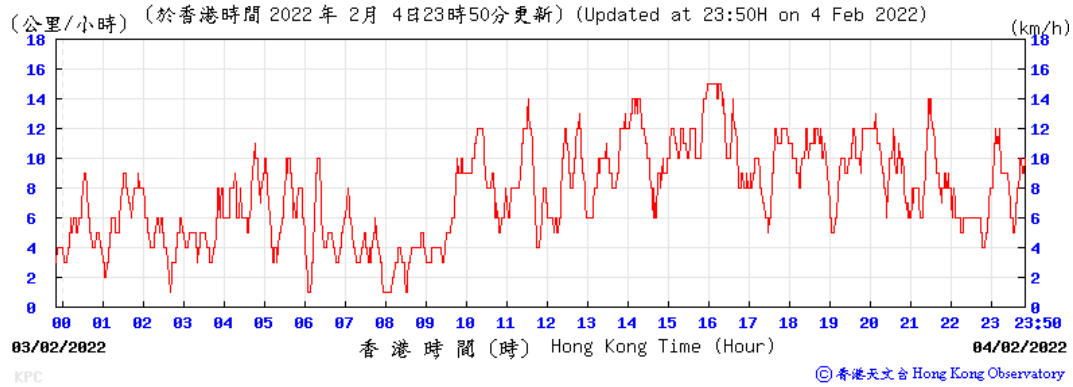
1-hour TSP Monitoring Result for Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

M-A3 - SKH Tsoi Kung Po Secondary School

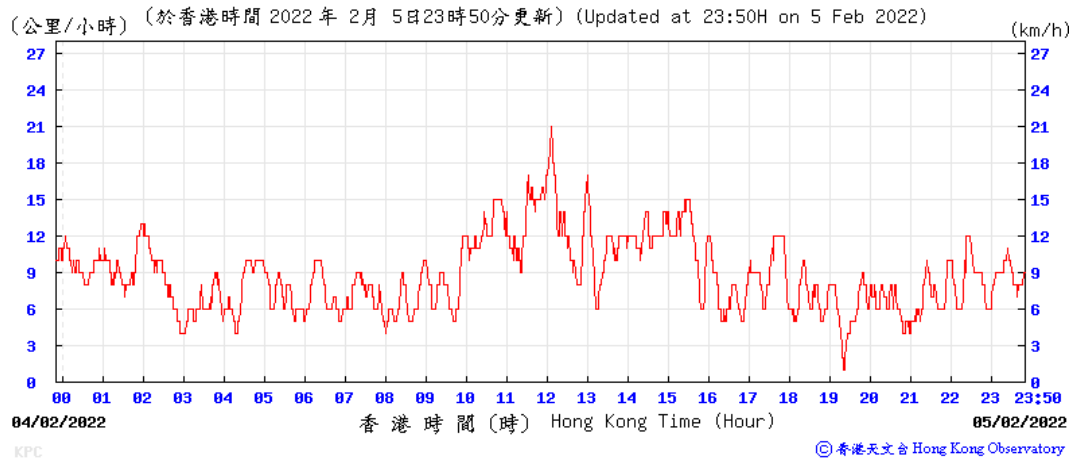
1-hour TSP ($\mu\text{g}/\text{m}^3$)								
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
4-Feb-22	09:00	57	51	60	56	333	500	Fine
10-Feb-22	08:52	48	51	57	52			Fine
16-Feb-22	09:24	60	57	57	58			Fine
22-Feb-22	13:11	51	51	54	52			Fine
28-Feb-22	13:42	54	60	57	57			Fine
Average		55						
Max		60						
Min		48						



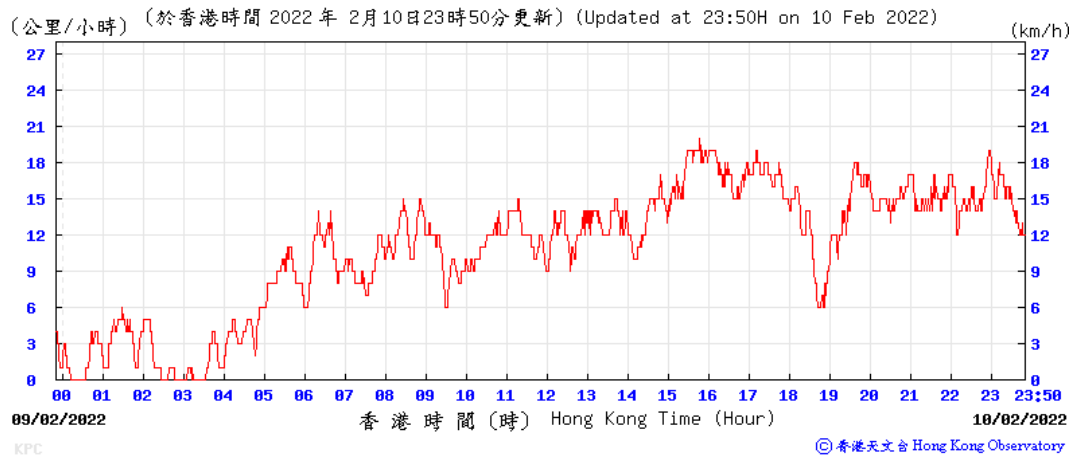
Wind Speed recorded at King's Park Meteorological Station on 4 February 2022



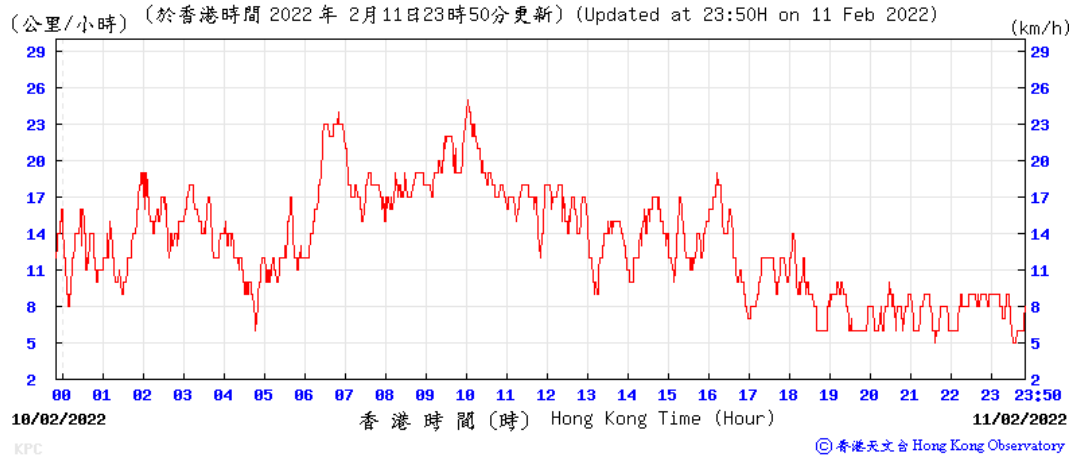
Wind Speed recorded at King's Park Meteorological Station on 5 February 2022



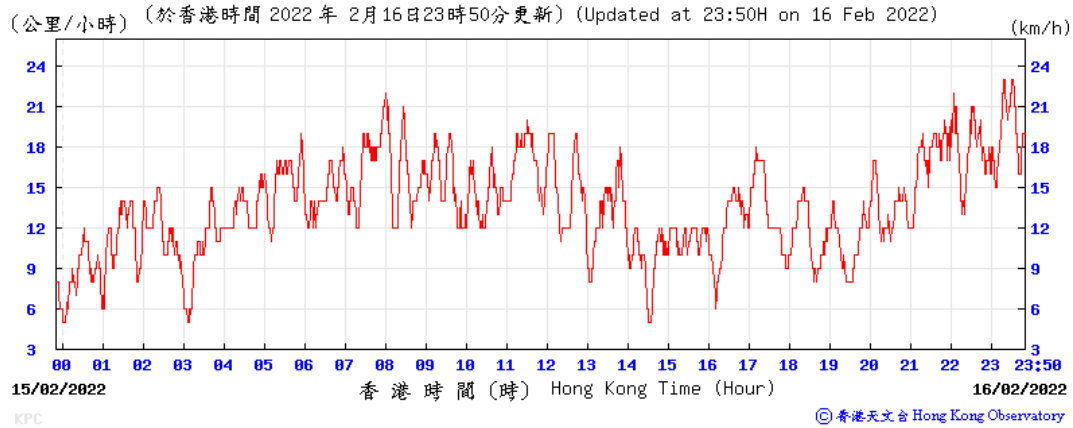
Wind Speed recorded at King's Park Meteorological Station on 10 February 2022



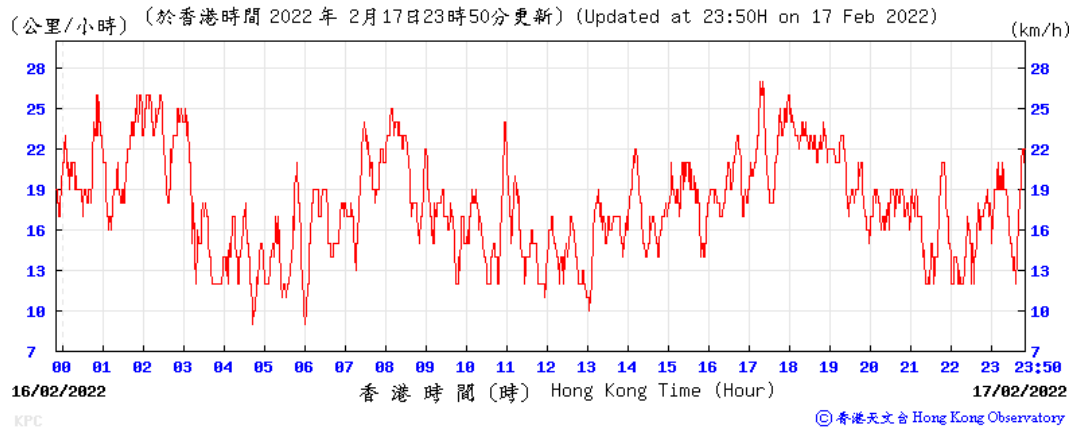
Wind Speed recorded at King's Park Meteorological Station on 11 February 2022



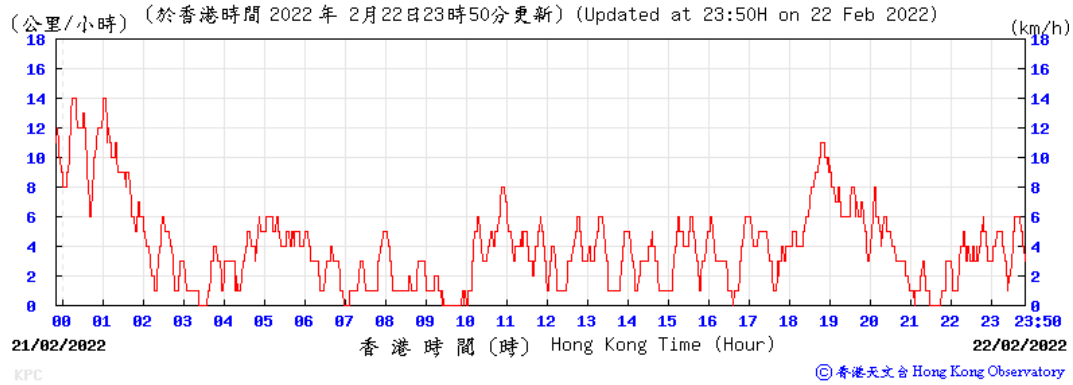
Wind Speed recorded at King's Park Meteorological Station on 16 February 2022



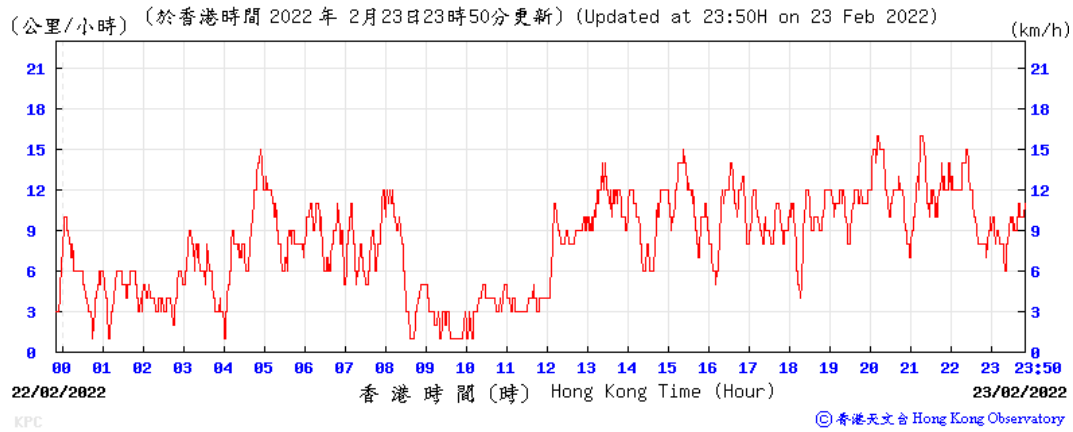
Wind Speed recorded at King's Park Meteorological Station on 17 February 2022



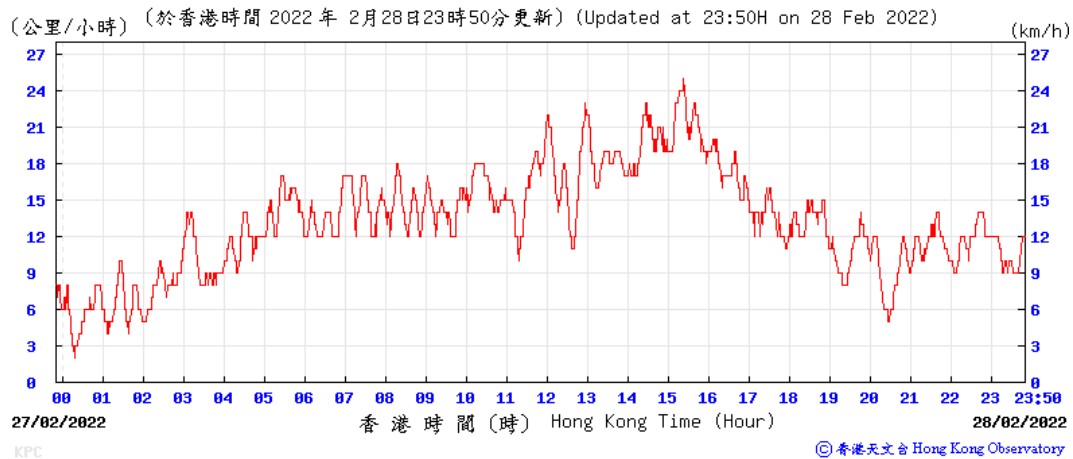
Wind Speed recorded at King's Park Meteorological Station on 22 February 2022



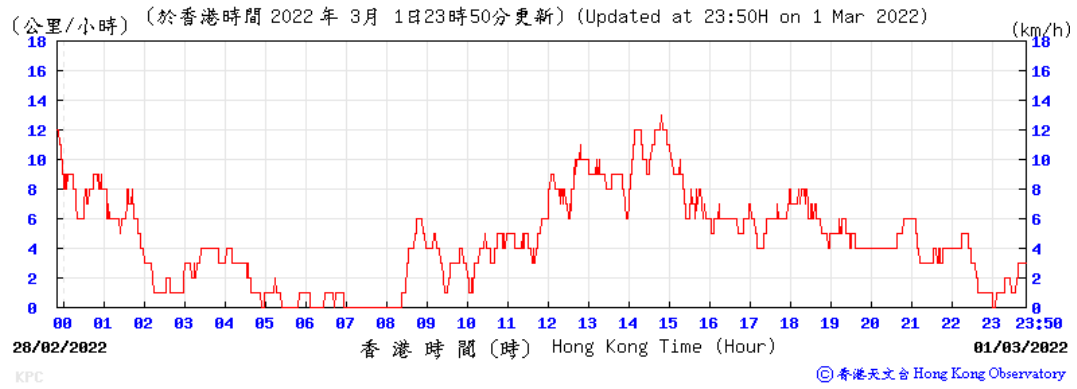
Wind Speed recorded at King's Park Meteorological Station on 23 February 2022



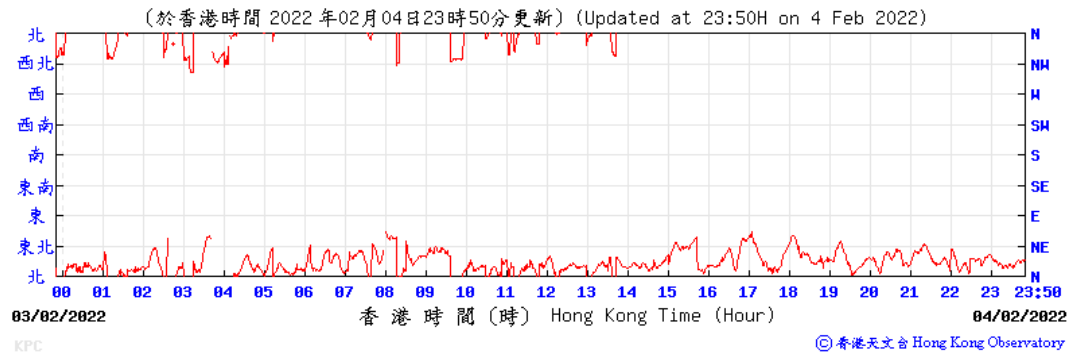
Wind Speed recorded at King's Park Meteorological Station on 28 February 2022



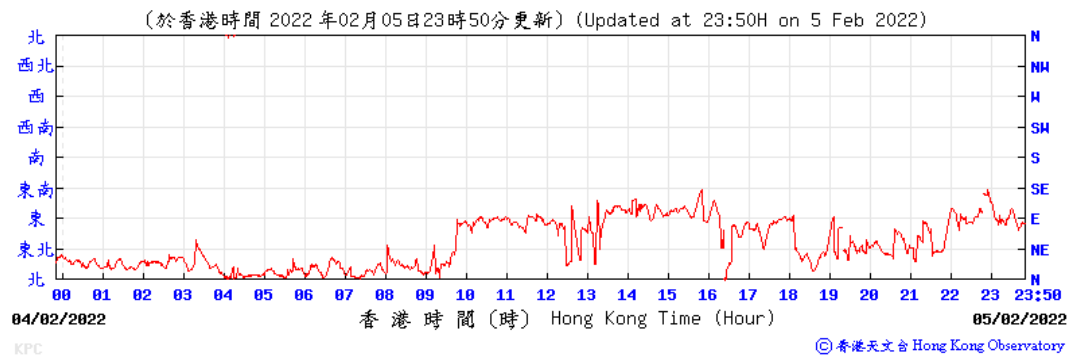
Wind Speed recorded at King's Park Meteorological Station on 1 March 2022



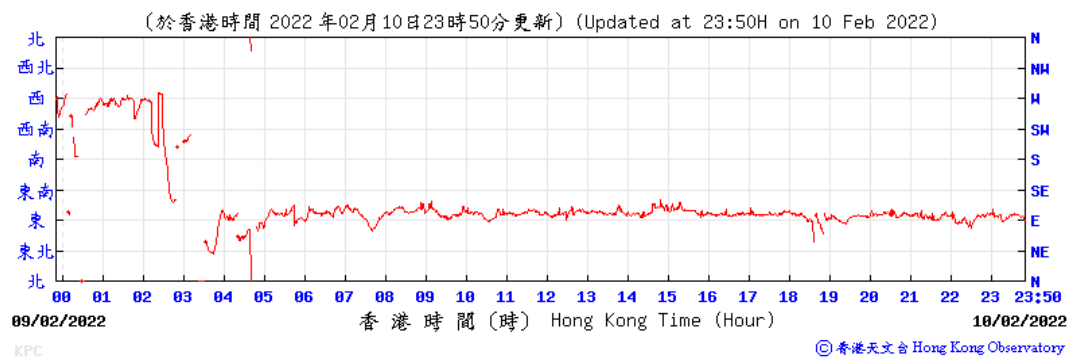
Wind Direction recorded at King's Park Meteorological Station on 4 February 2022



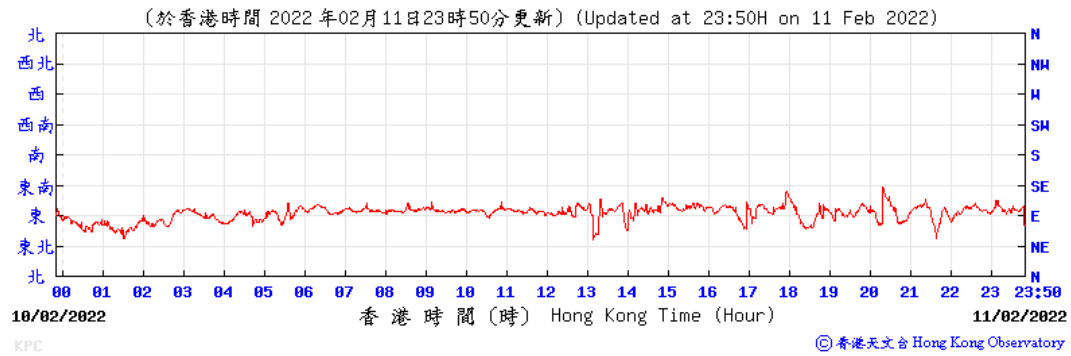
Wind Direction recorded at King's Park Meteorological Station on 5 February 2022



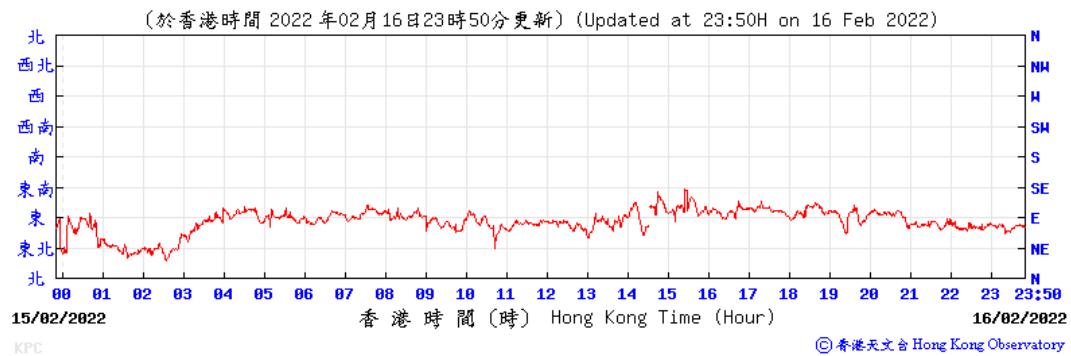
Wind Direction recorded at King's Park Meteorological Station on 10 February 2022



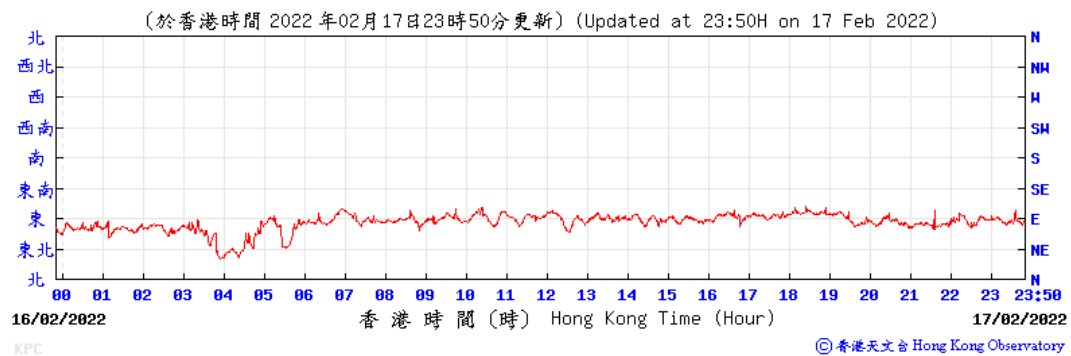
Wind Direction recorded at King's Park Meteorological Station on 11 February 2022



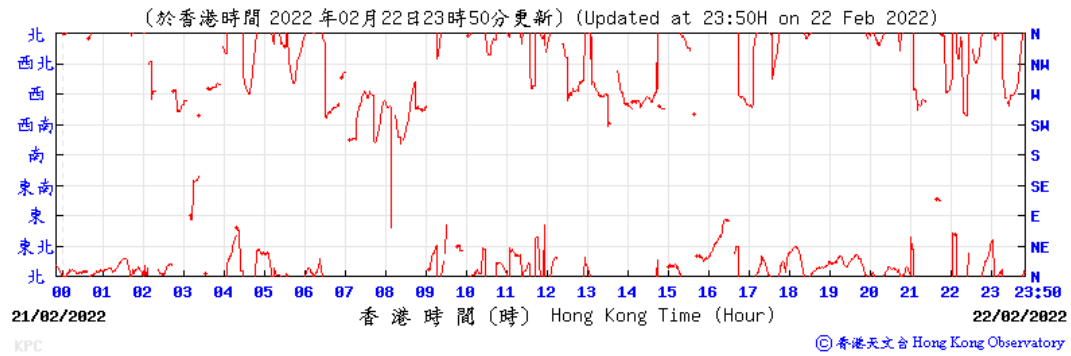
Wind Direction recorded at King's Park Meteorological Station on 16 February 2022



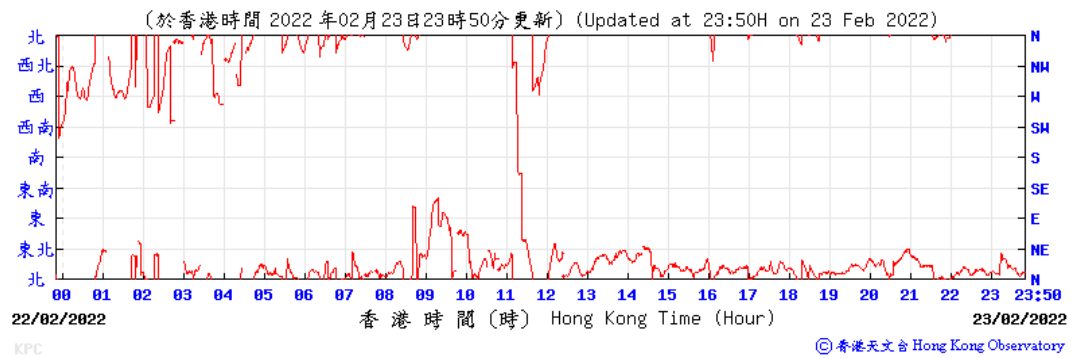
Wind Direction recorded at King's Park Meteorological Station on 17 February 2022



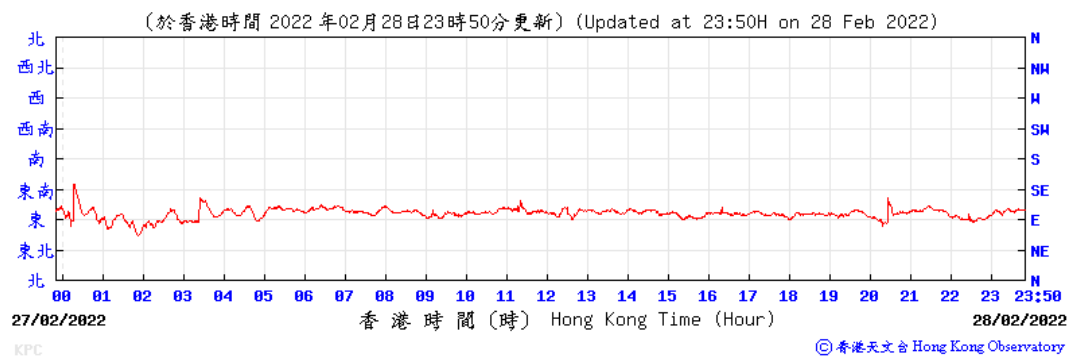
Wind Direction recorded at King's Park Meteorological Station on 22 February 2022



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



Wind Direction recorded at King's Park Meteorological Station on 28 February 2022



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

