Appendix G

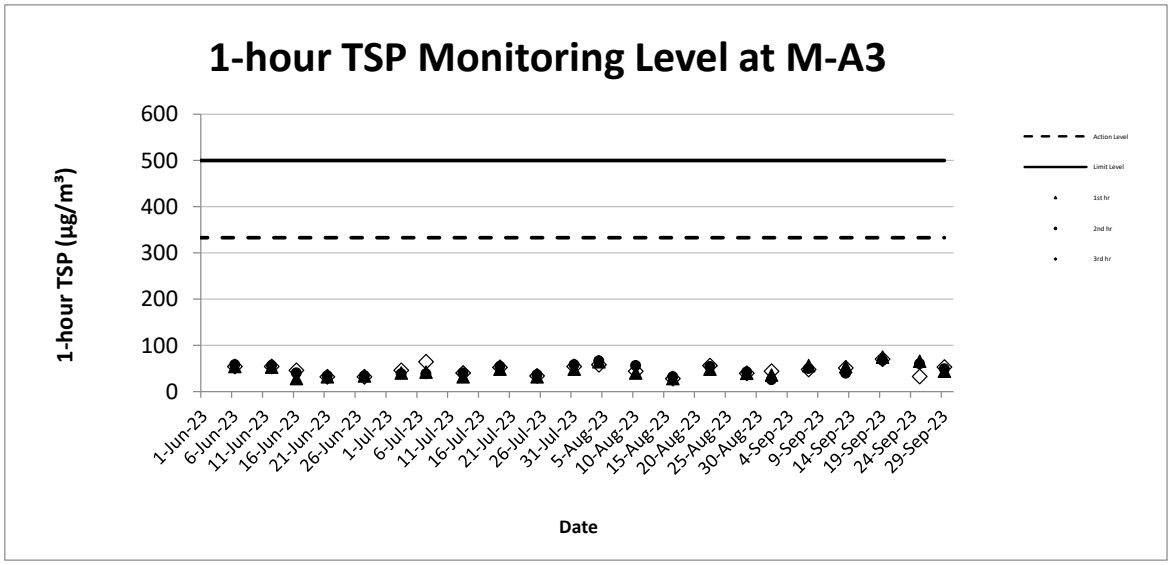
Construction Dust Monitoring Results and Meteorological Observations

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 (µg/m³)								
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
1-Sep-23	9:02	36	26	44	35	333	500	Cloudy
7-Sep-23	9:57	56	50	48	51			Cloudy
13-Sep-23	9:24	54	40	51	48			Fine
19-Sep-23	13:05	75	68	70	71			Fine
25-Sep-23	13:25	66	60	33	53			Sunny
29-Sep-23	13:52	44	49	53	49			Fine

Average	51
Max	75
Min	26

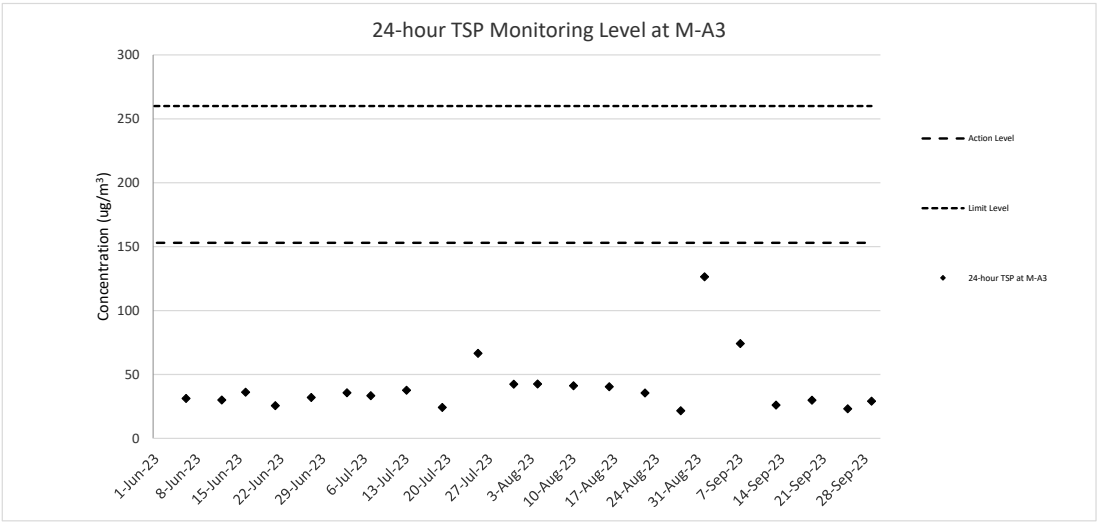


24-hour TSP Monitoring Result for
Contract No. HY/2018/08 Central Kowloon Route – Central Tunnel

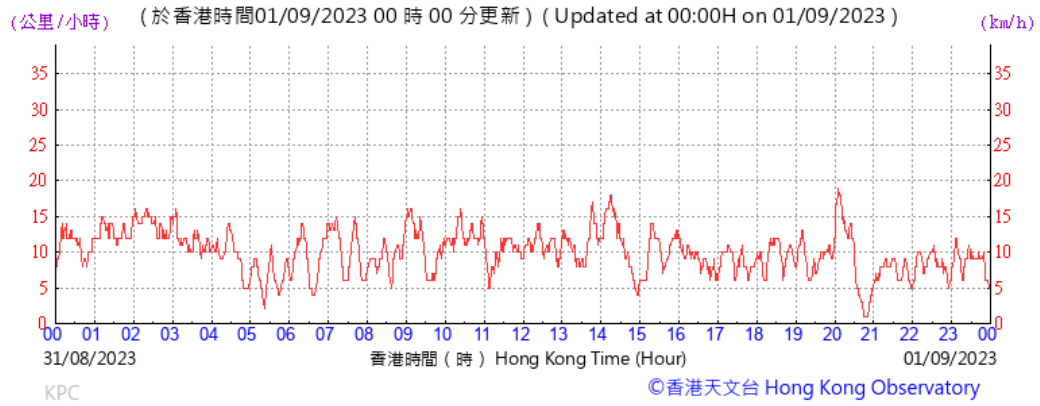
M-A3 - SKH Tsoi Kung Po Secondary School

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	Limit Level
				Initial	Final			Initial	Final				(ug/m^3)	(ug/m^3)
1-Sep-23	Cloudy	299.9	747.3	2.7498	2.9381	0.1883	24	1.00	1.07	1.04	1490.7	126	153	260
7-Sep-23	Cloudy	300.7	754.8	2.7441	2.8549	0.1108	24	1.01	1.07	1.04	1493.9	74		
13-Sep-23	Fine	300.9	755.0	2.7448	2.7830	0.0382	24	1.01	1.04	1.02	1471.2	26		
19-Sep-23	Fine	302.5	759.0	2.7145	2.7590	0.0445	24	1.01	1.07	1.04	1493.7	30		
25-Sep-23	Sunny	302.8	757.6	2.8562	2.8893	0.0331	24	0.96	1.03	1.00	1432.9	23		
29-Sep-23	Fine	303	759.1	2.7115	2.7531	0.0416	24	0.96	1.03	1.00	1433.5	29		
											Min	23		
											Max	126		
											Average	51		

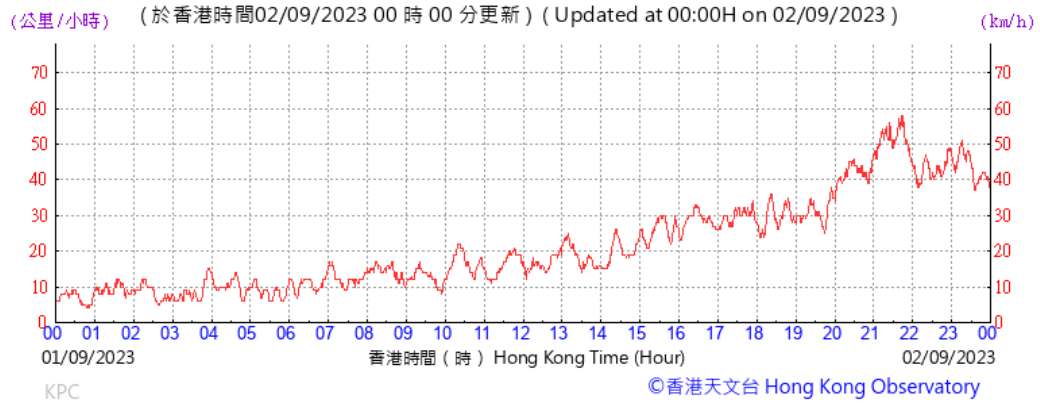
Note:
Underline: Exceedance of Action Level
Underline and Bold: Exceedance of Limit Level



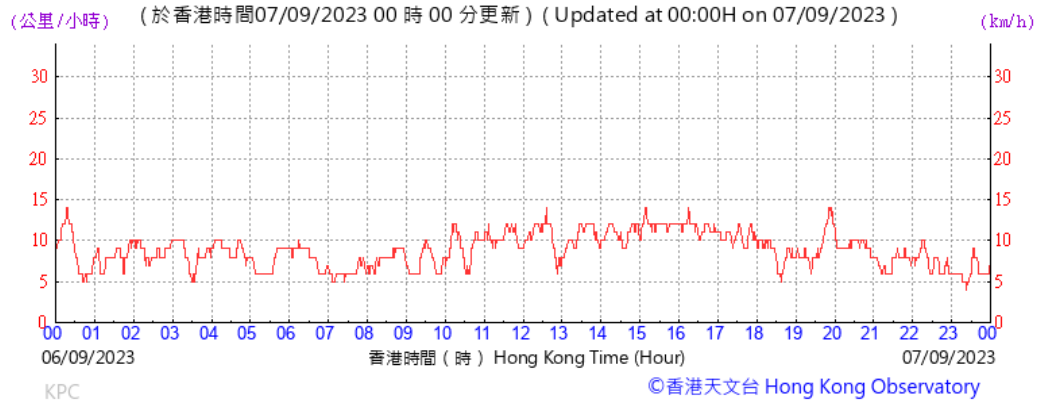
Wind Speed recorded at King's Park Meteorological Station on 1 September 2023



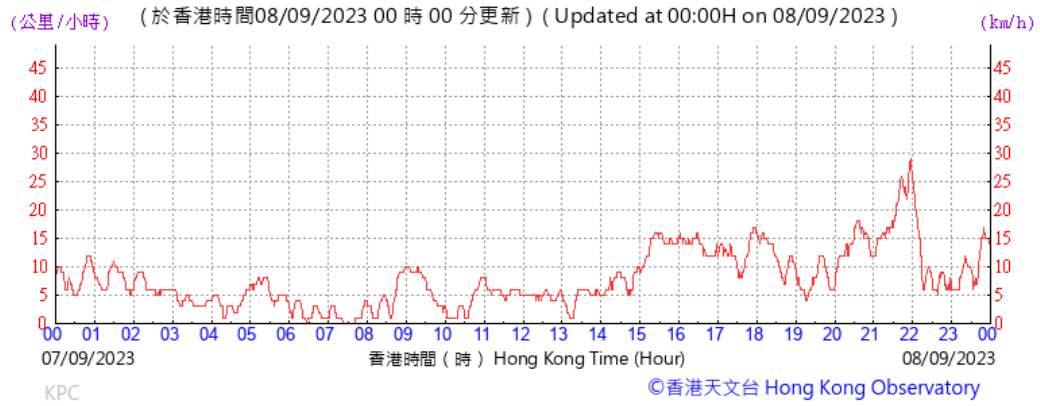
Wind Speed recorded at King's Park Meteorological Station on 2 September 2023



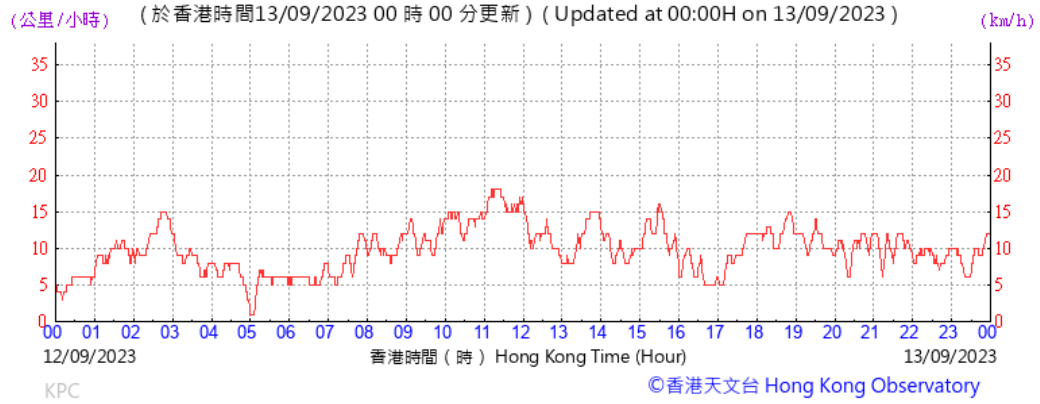
Wind Speed recorded at King's Park Meteorological Station on 7 September 2023



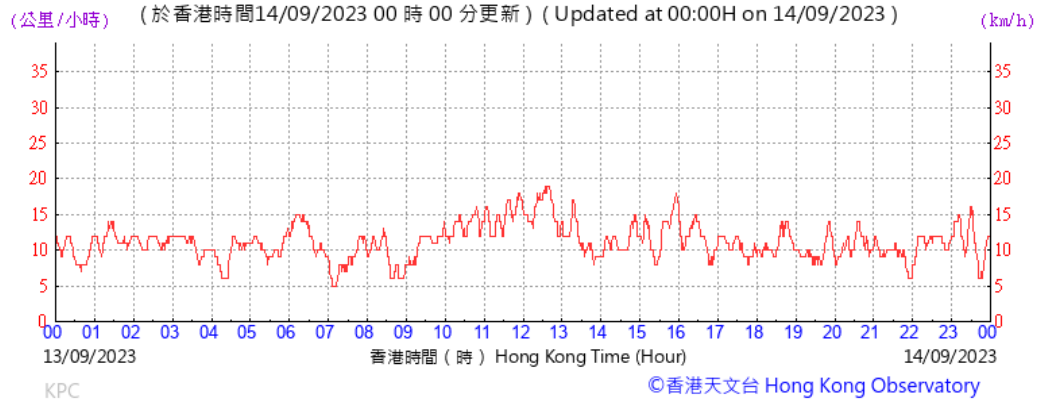
Wind Speed recorded at King's Park Meteorological Station on 8 September 2023



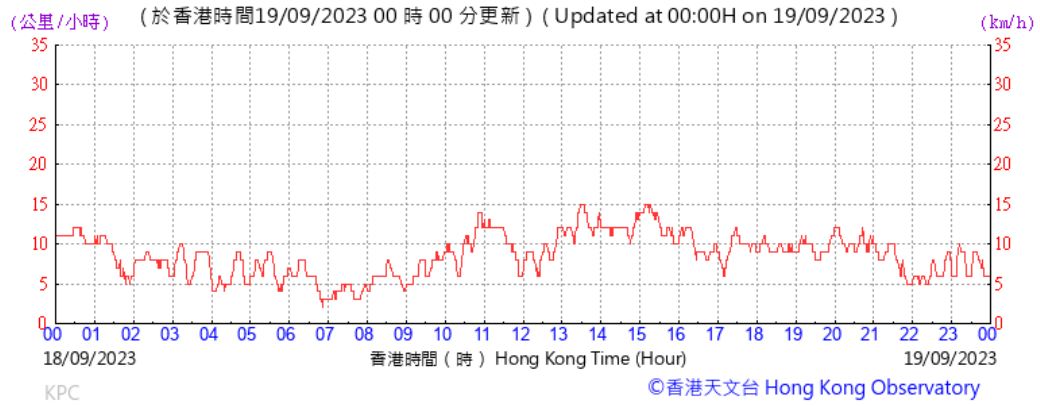
Wind Speed recorded at King's Park Meteorological Station on 13 September 2023



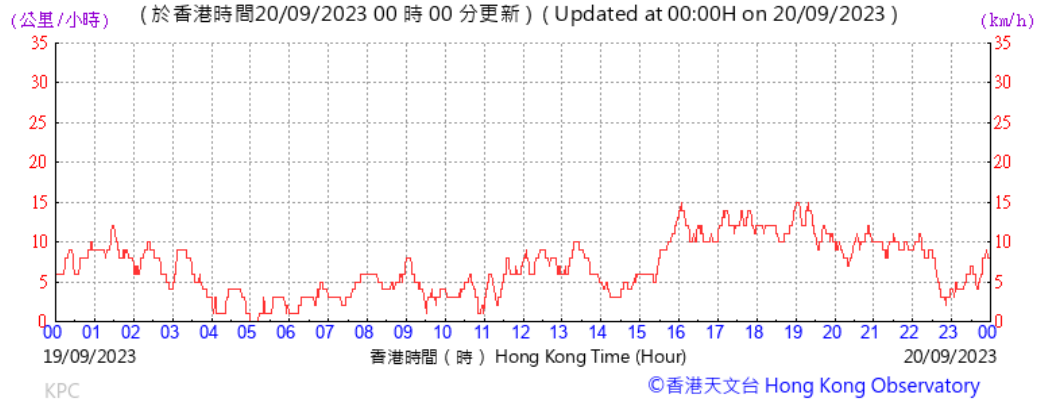
Wind Speed recorded at King's Park Meteorological Station on 14 September 2023



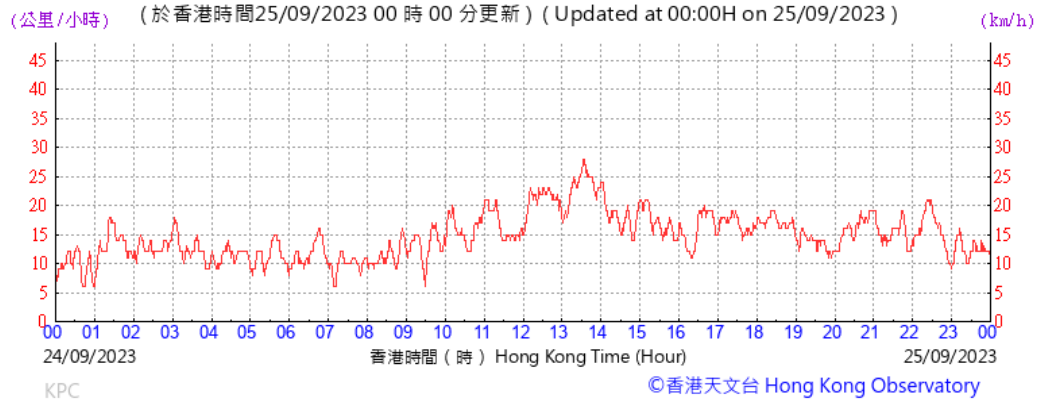
Wind Speed recorded at King's Park Meteorological Station on 19 September 2023



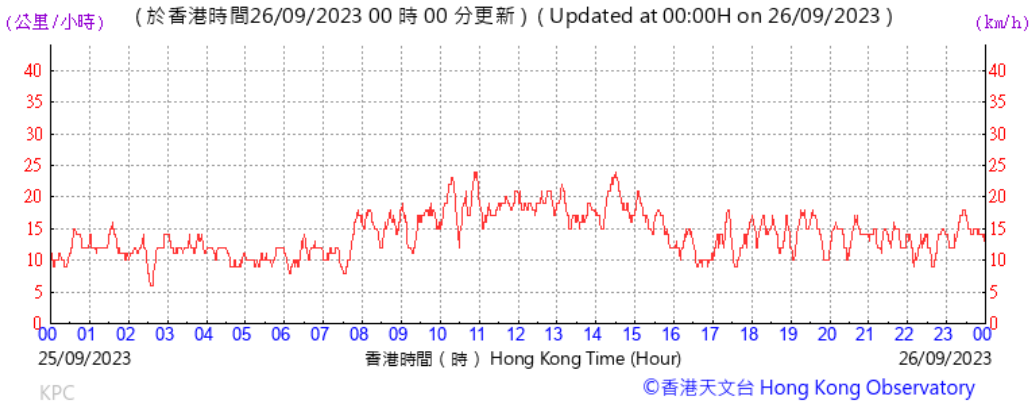
Wind Speed recorded at King's Park Meteorological Station on 20 September 2023



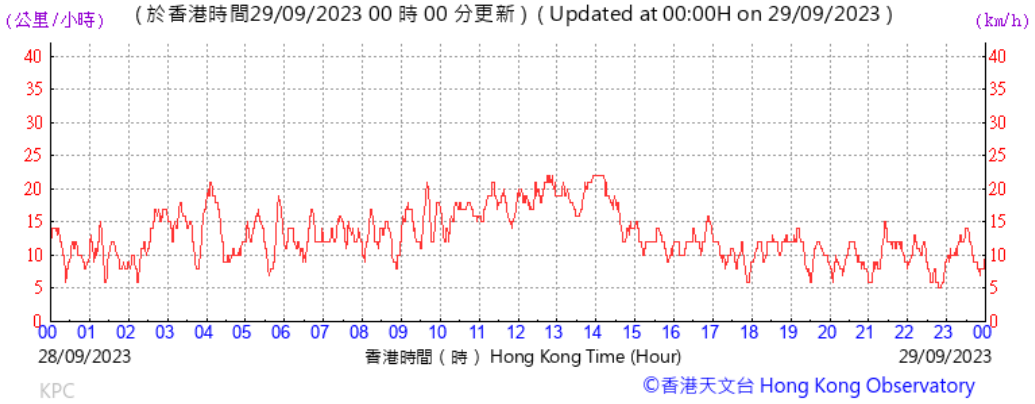
Wind Speed recorded at King's Park Meteorological Station on 25 September 2023



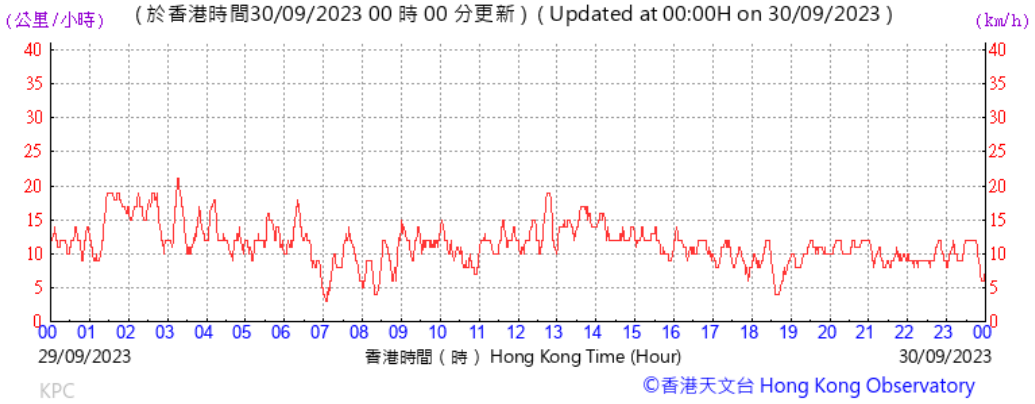
Wind Speed recorded at King's Park Meteorological Station on 26 September 2023



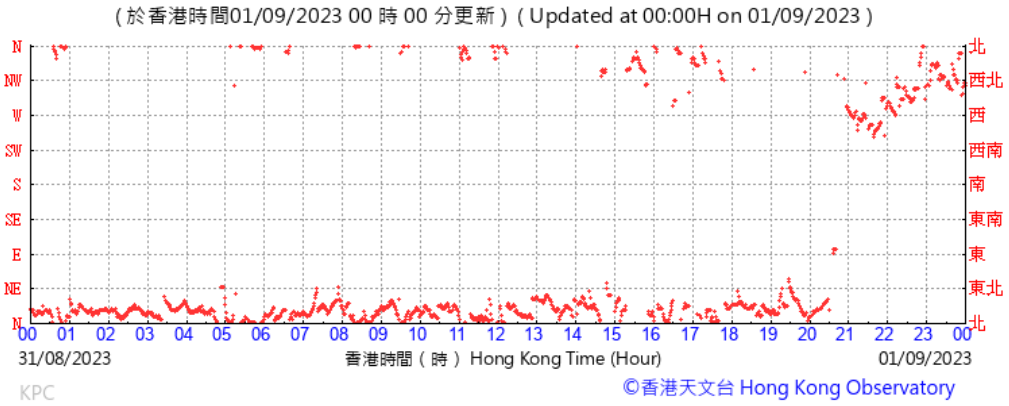
Wind Speed recorded at King's Park Meteorological Station on 29 September 2023



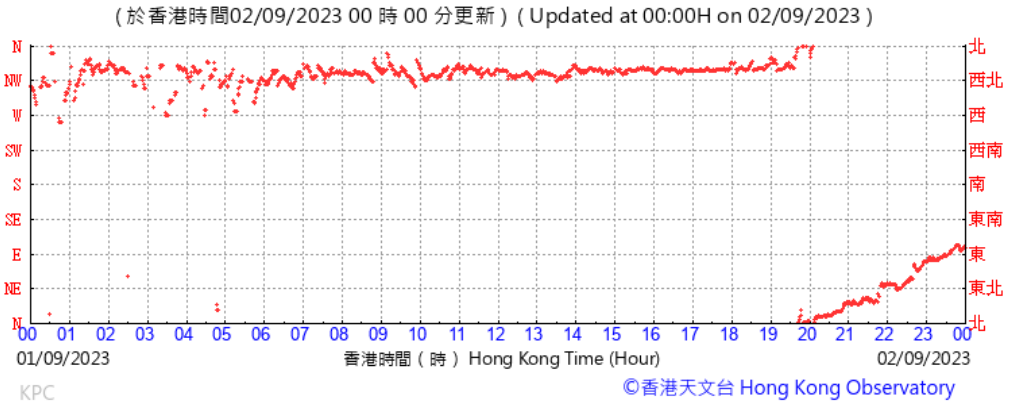
Wind Speed recorded at King's Park Meteorological Station on 30 September 2023



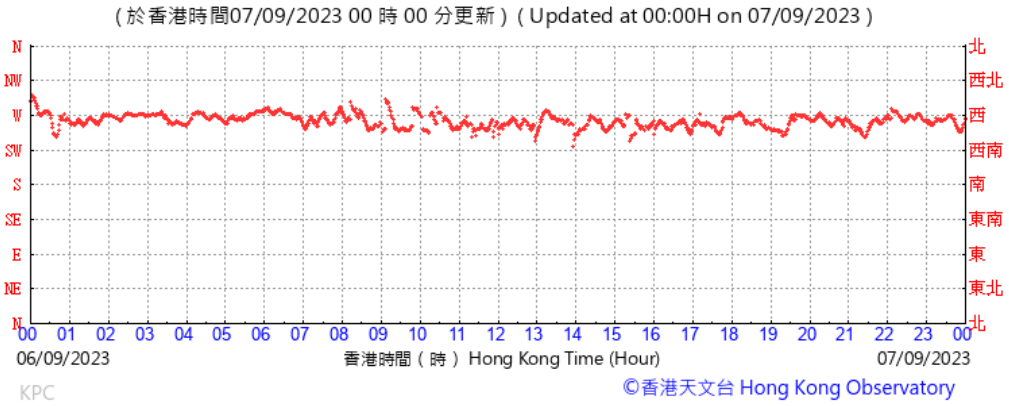
Wind Direction recorded at King's Park Meteorological Station on 1 September 2023



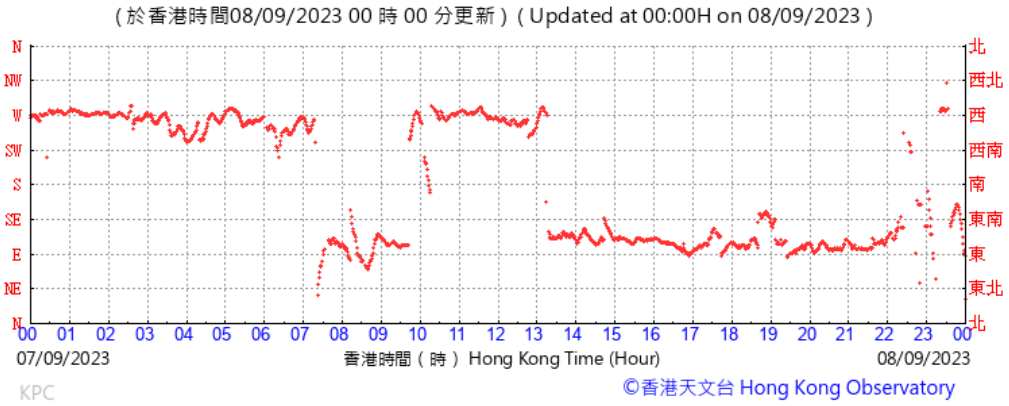
Wind Direction recorded at King's Park Meteorological Station on 2 September 2023



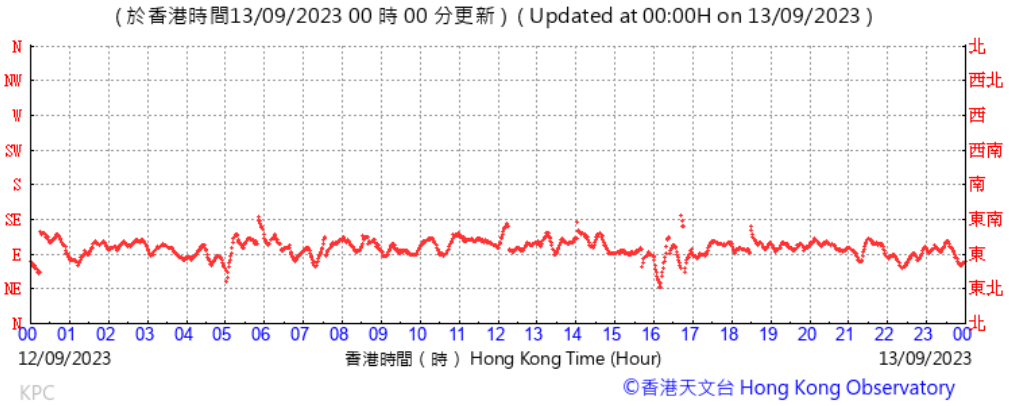
Wind Direction recorded at King's Park Meteorological Station on 7 September 2023



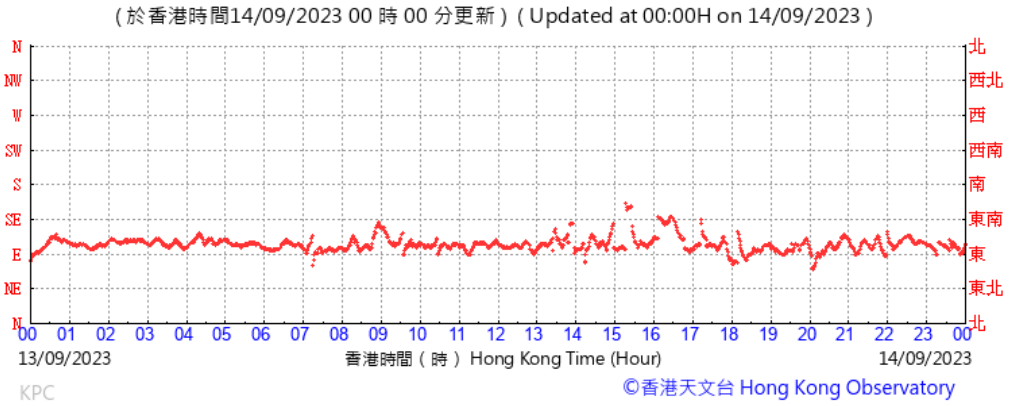
Wind Direction recorded at King's Park Meteorological Station on 8 September 2023



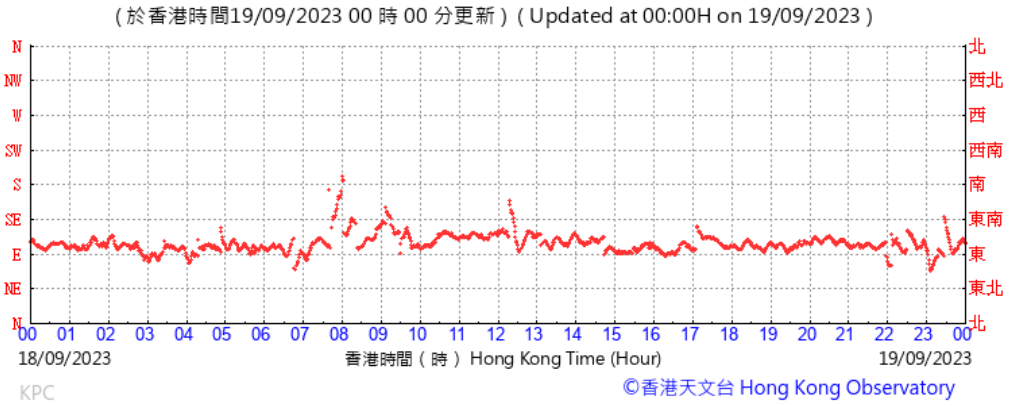
Wind Direction recorded at King's Park Meteorological Station on 13 September 2023



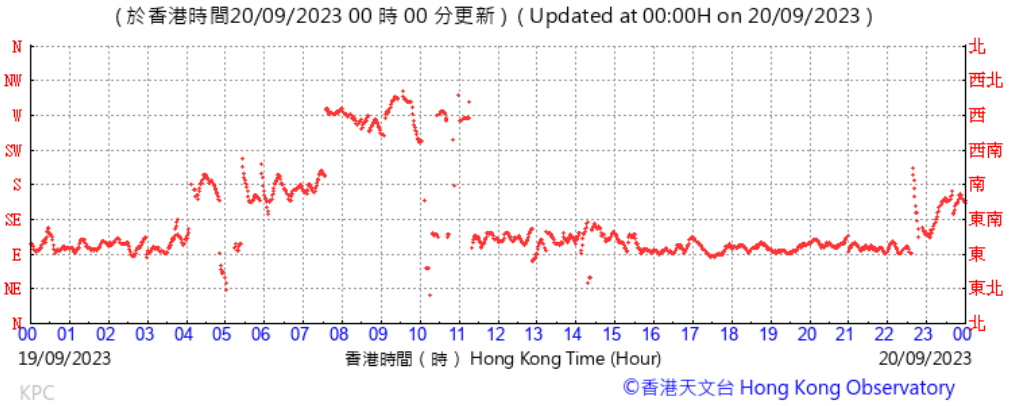
Wind Direction recorded at King's Park Meteorological Station on 14 September 2023



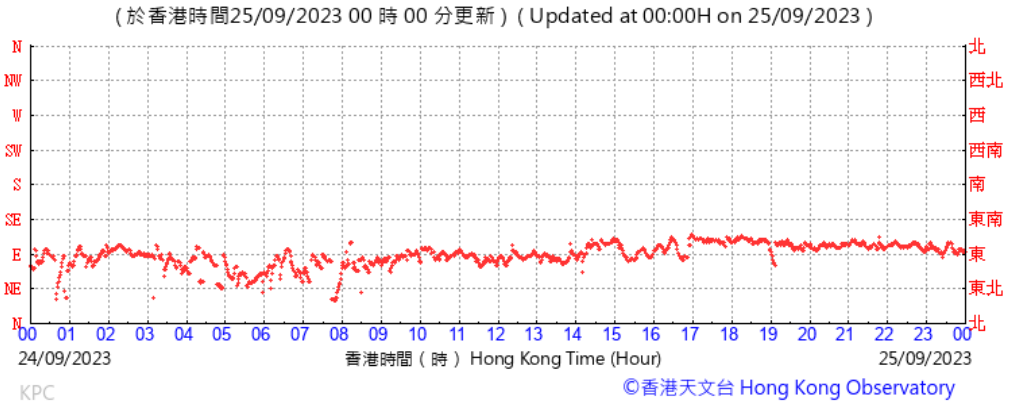
Wind Direction recorded at King's Park Meteorological Station on 19 September 2023



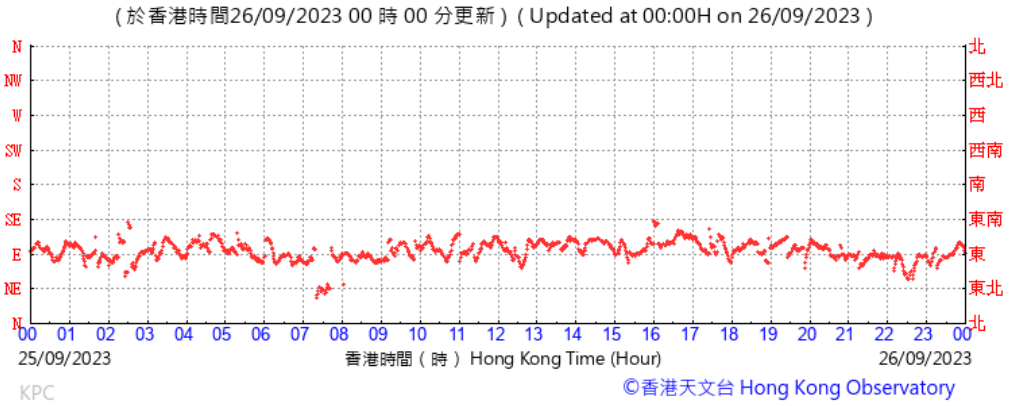
Wind Direction recorded at King's Park Meteorological Station on 20 September 2023



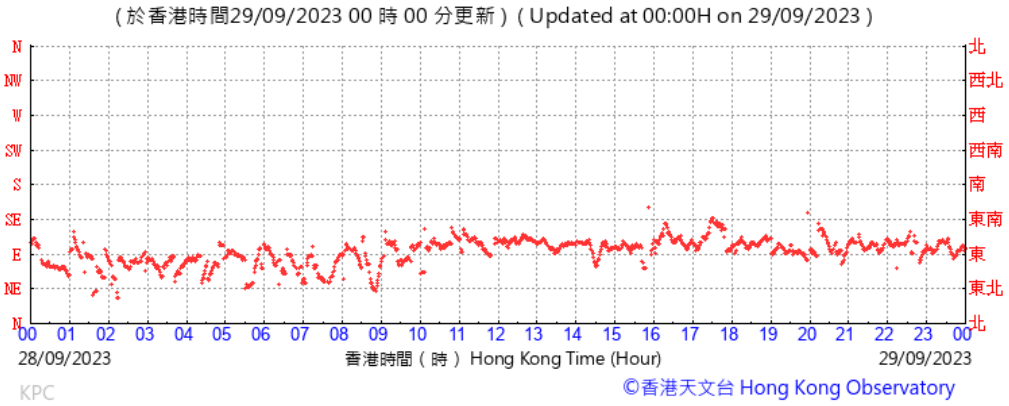
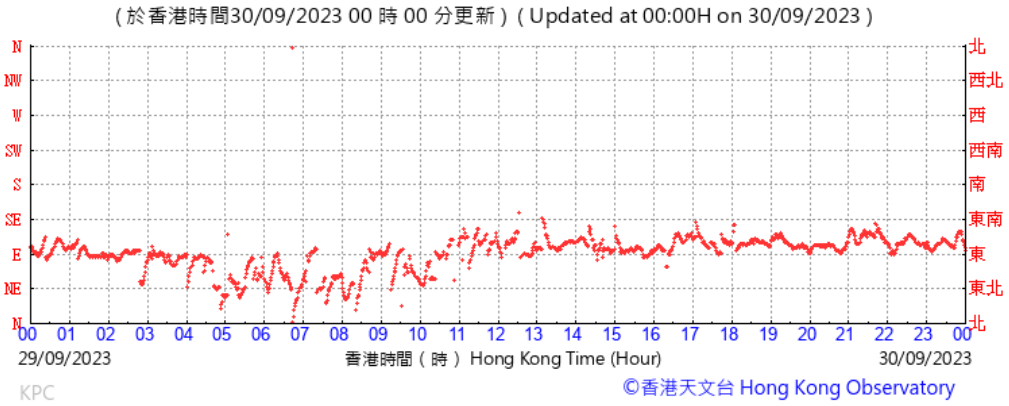
Wind Direction recorded at King's Park Meteorological Station on 25 September 2023



Wind Direction recorded at King's Park Meteorological Station on 26 September 2023



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



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