

# Appendix G

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Construction Dust Monitoring

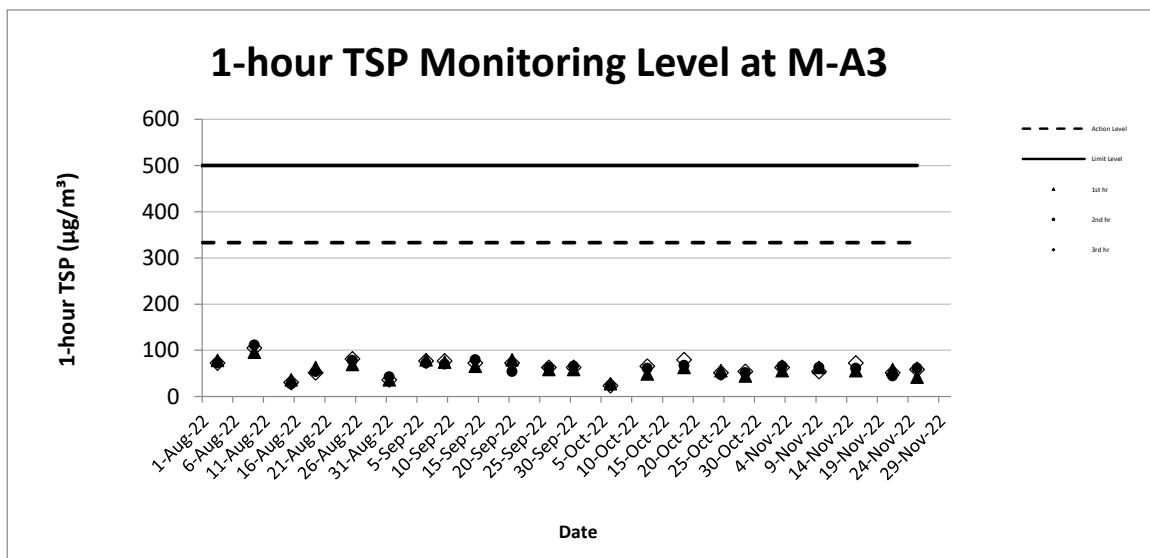
Results and Meteorological

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
3-Nov-22	12:35	56	65	63	61	333	500	Fine
9-Nov-22	12:46	63	63	53	60			Fine
15-Nov-22	12:34	56	60	72	63			Fine
21-Nov-22	8:55	58	44	51	51			Fine
25-Nov-22	8:58	42	60	58	53			Fine
<b>Average</b>		58						
<b>Max</b>		72						
<b>Min</b>		42						



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

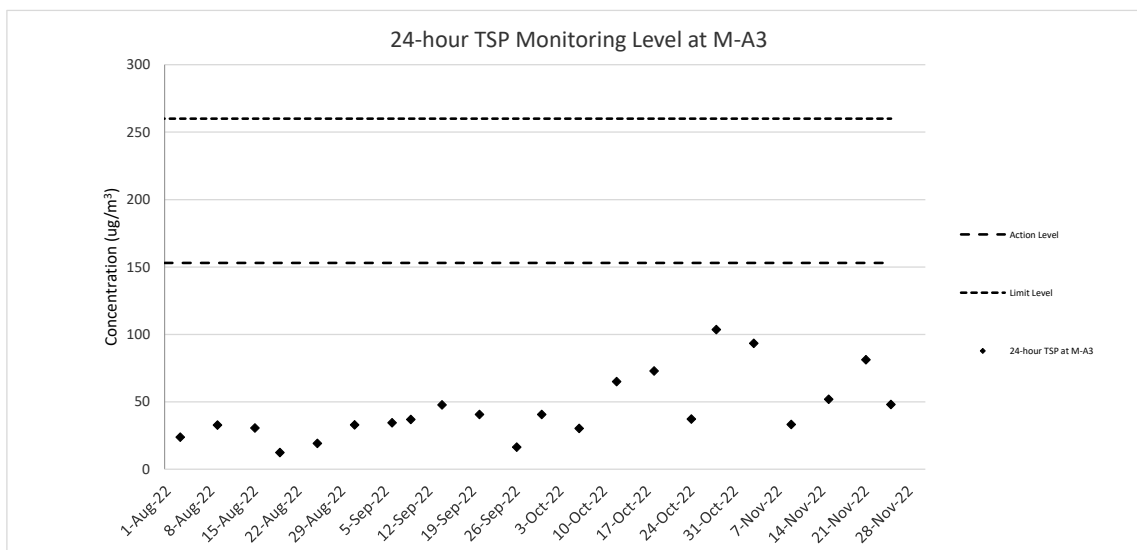
### M-A3 - SKH Tsoi Kung Po Secondary School

Start Date	Weather Condition	Air Temperature (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min.)		Average flow (m <sup>3</sup> /min)	Total volume (m <sup>3</sup> )	Conc. (ug/m <sup>3</sup> )	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )
				Initial	Final			Initial	Final					
3-Nov-22	Fine	295.1	759.1	2.6579	2.8133	0.1554	24	1.14	1.17	1.16	1665.7	93	153	260
9-Nov-22	Fine	296.8	763.0	2.6689	2.7240	0.0551	24	1.14	1.17	1.16	1665.4	33		
15-Nov-22	Fine	297.3	761.7	2.6402	2.7264	0.0862	24	1.14	1.17	1.16	1663.2	52		
21-Nov-22	Fine	296.9	760.3	2.7719	2.9068	0.1349	24	1.13	1.17	1.15	1662.9	81		
25-Nov-22	Fine	295.3	761.8	2.6557	2.7356	0.0799	24	1.14	1.17	1.16	1667.5	48		
												Min	33	
												Max	93	
												Average	61	

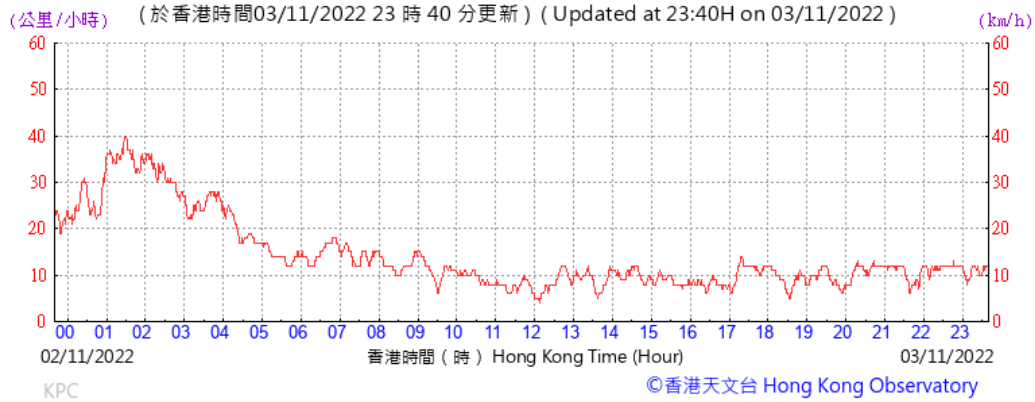
Note:

Underline: Exceedance of Action Level

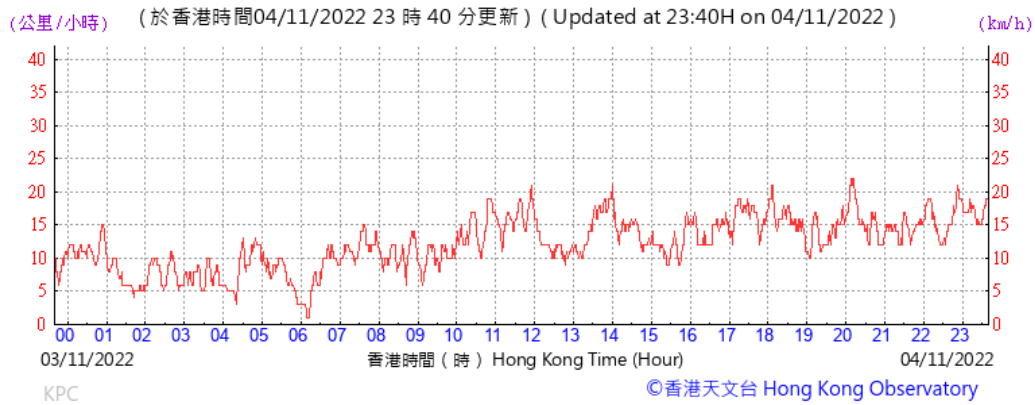
Underline and Bold: Exceedance of Limit Level



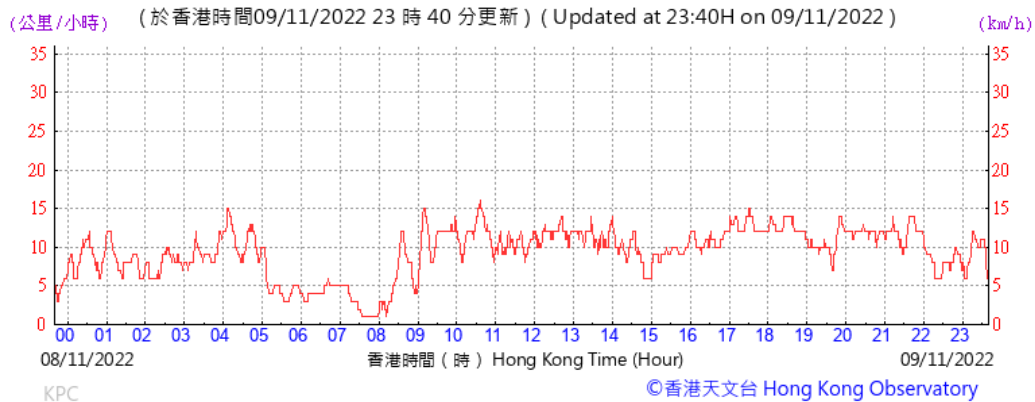
### Wind Speed recorded at King's Park Meteorological Station on 3 November 2022



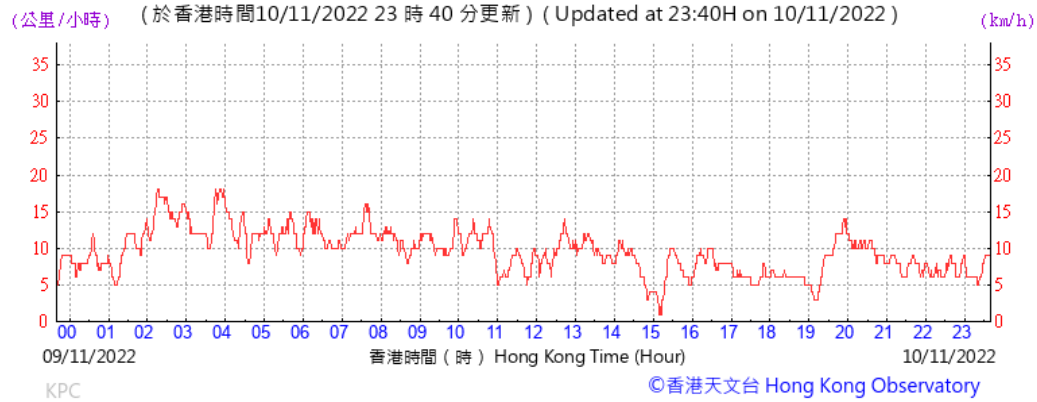
### Wind Speed recorded at King's Park Meteorological Station on 4 November 2022



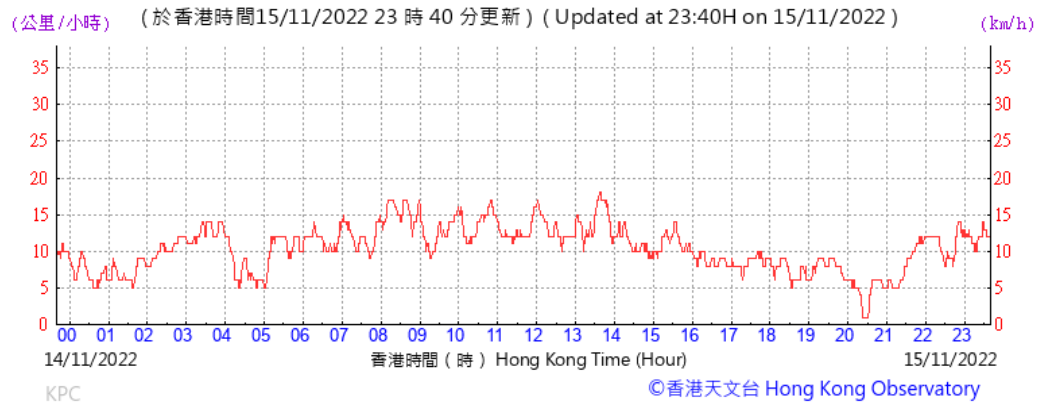
### Wind Speed recorded at King's Park Meteorological Station on 9 November 2022



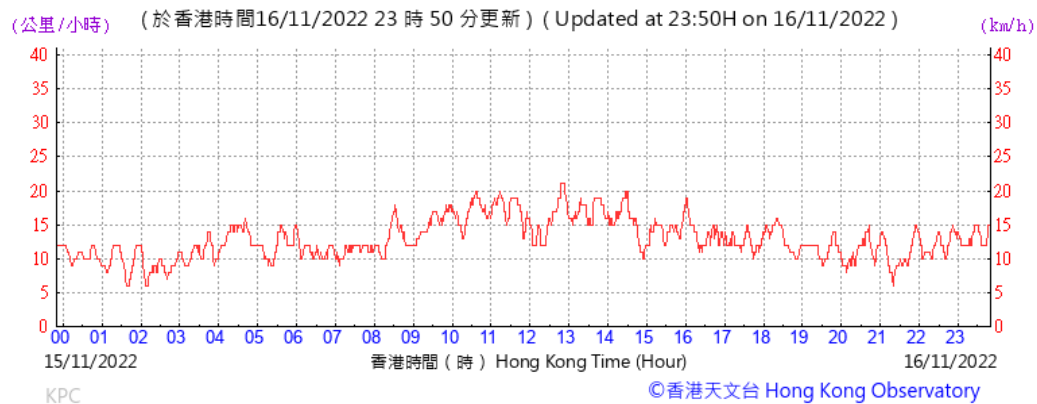
## Wind Speed recorded at King's Park Meteorological Station on 10 November 2022



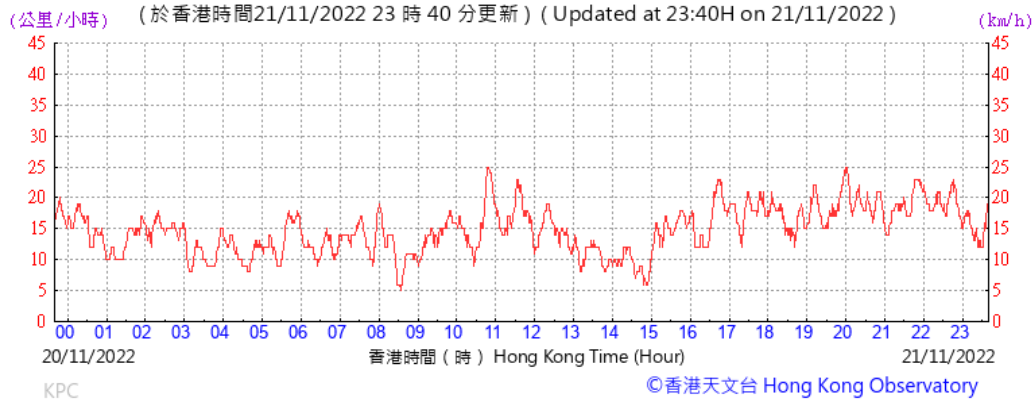
## Wind Speed recorded at King's Park Meteorological Station on 15 November 2022



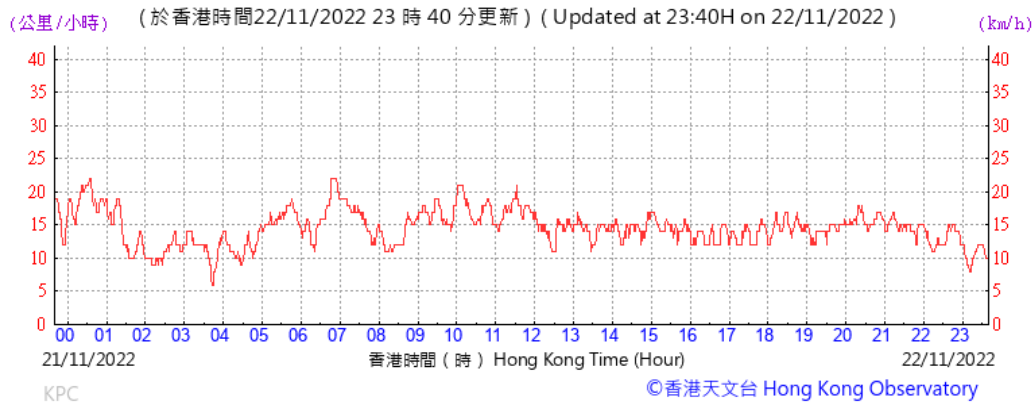
## Wind Speed recorded at King's Park Meteorological Station on 16 October 2022



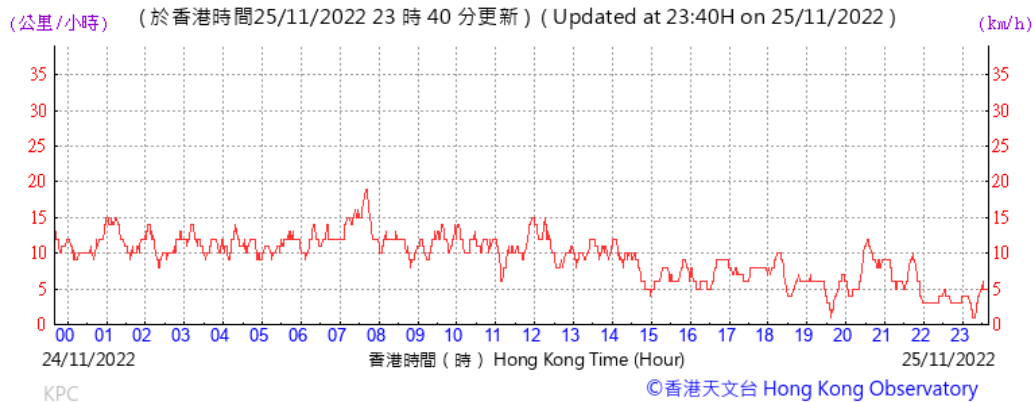
## Wind Speed recorded at King's Park Meteorological Station on 21 November 2022



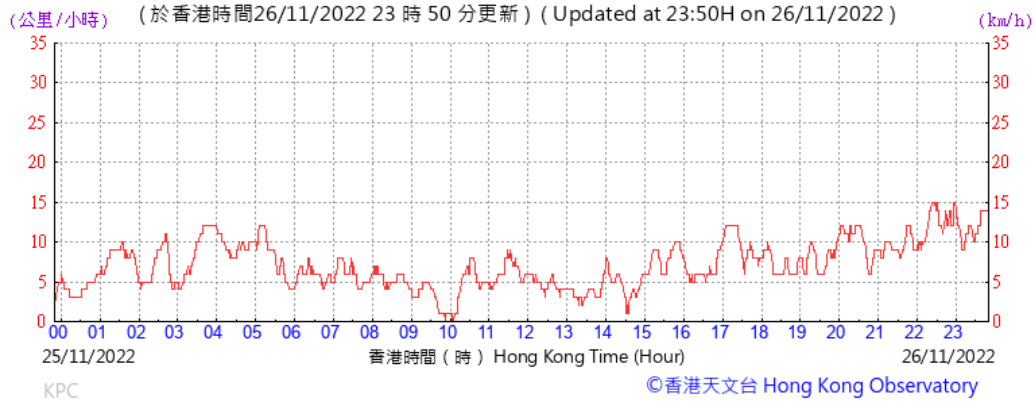
## Wind Speed recorded at King's Park Meteorological Station on 22 November 2022



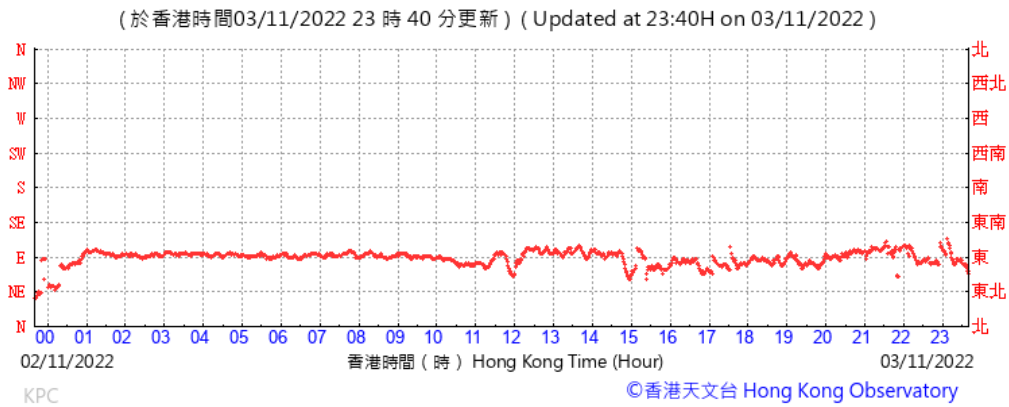
## Wind Speed recorded at King's Park Meteorological Station on 25 November 2022



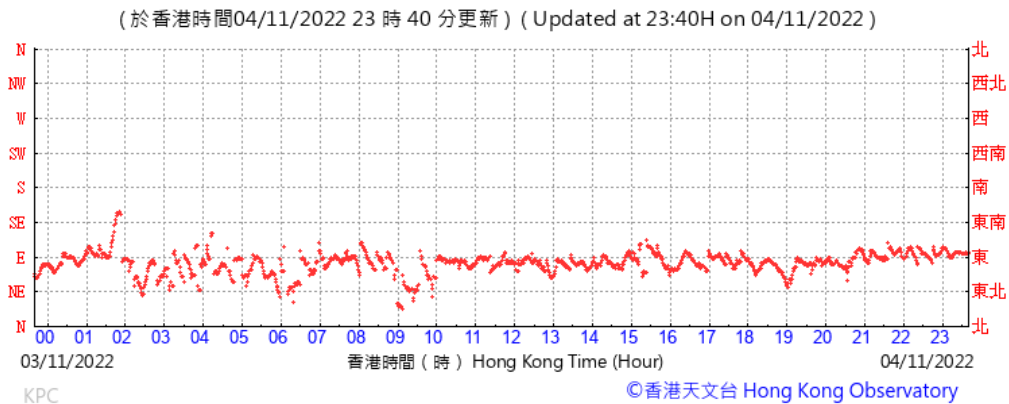
## Wind Speed recorded at King's Park Meteorological Station on 26 November 2022



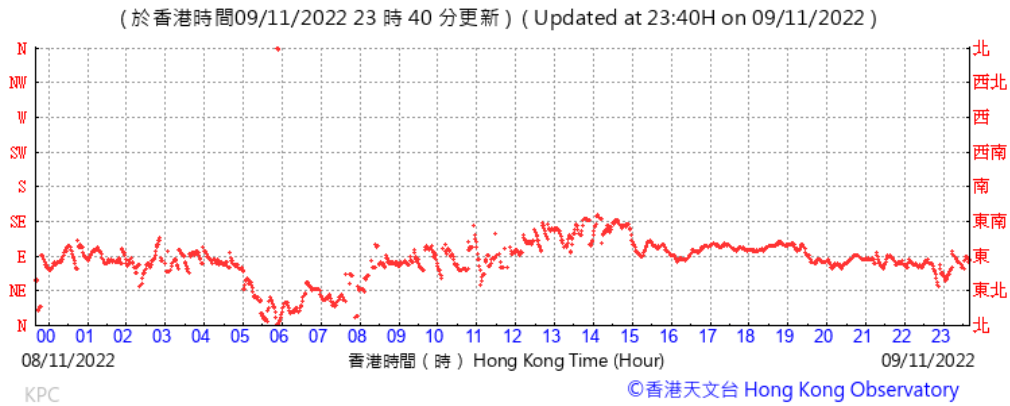
## Wind Direction recorded at King's Park Meteorological Station on 3 November 2022



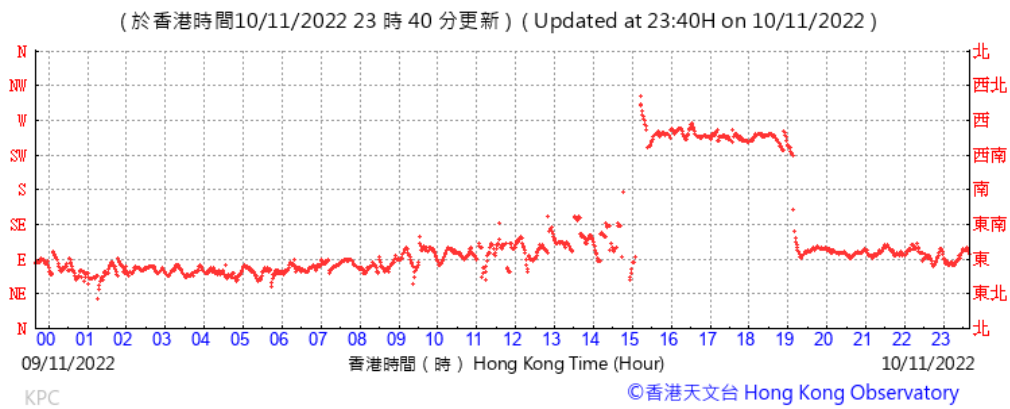
## Wind Direction recorded at King's Park Meteorological Station on 4 November 2022



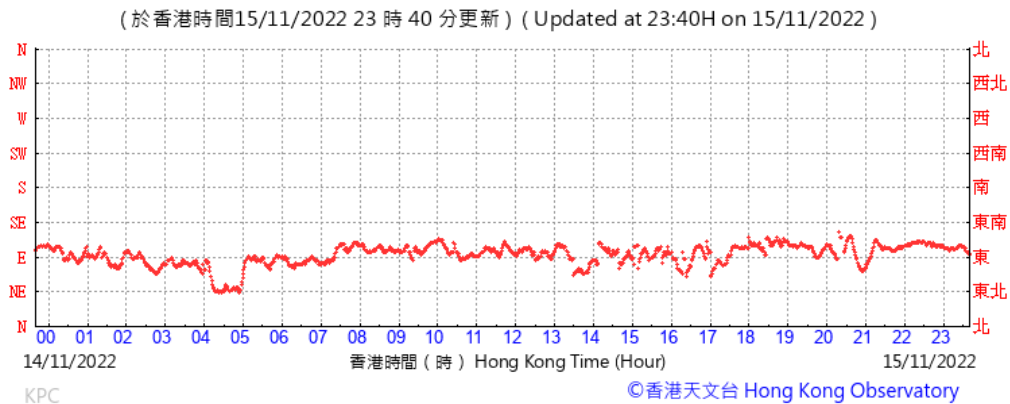
## Wind Direction recorded at King's Park Meteorological Station on 9 November 2022



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

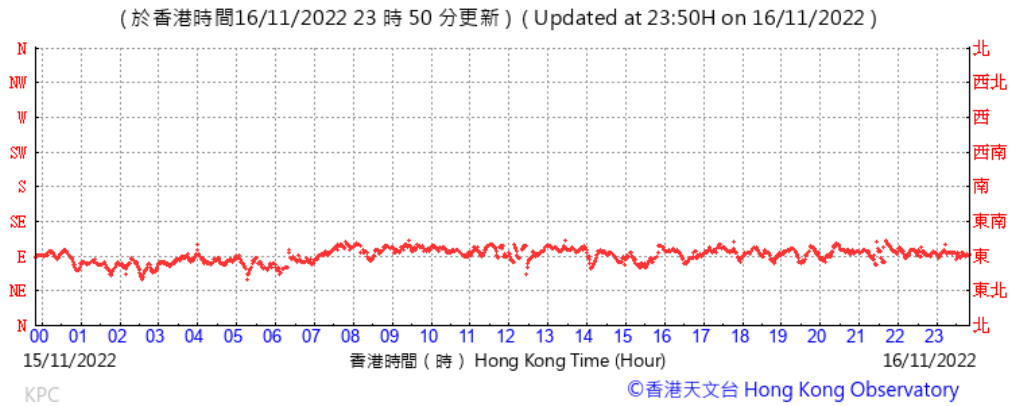


## Wind Direction recorded at King's Park Meteorological Station on 15 November 2022

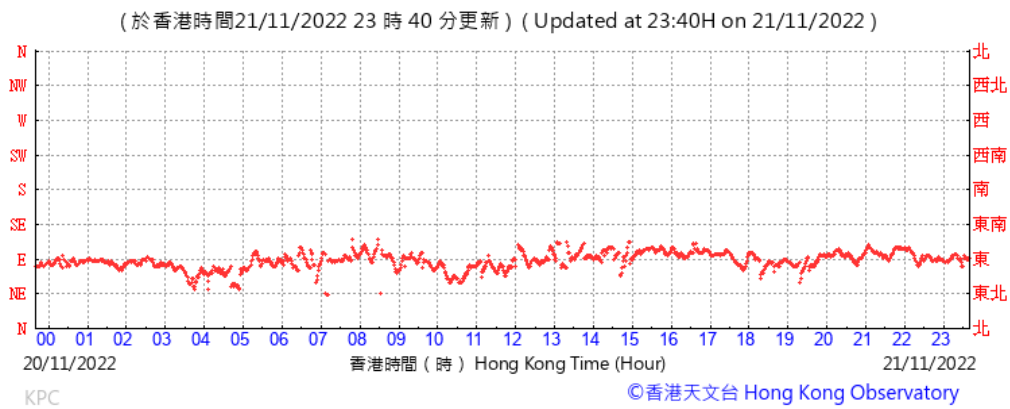




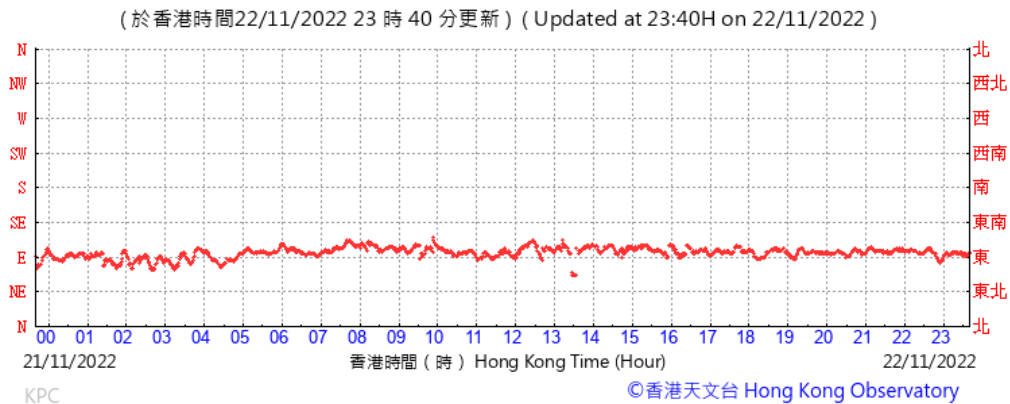
## Wind Direction recorded at King's Park Meteorological Station on 16 November 2022



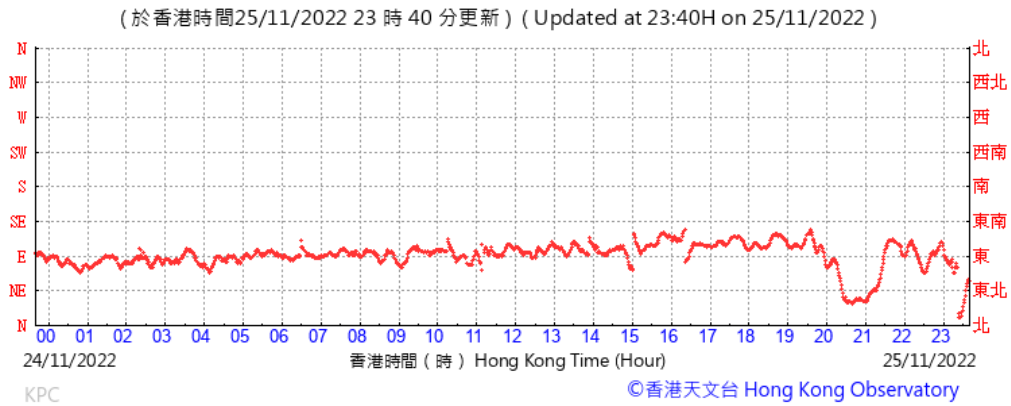
## Wind Direction recorded at King's Park Meteorological Station on 21 November 2022



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



## Wind Direction recorded at King's Park Meteorological Station on 25 November 2022



## Wind Direction recorded at King's Park Meteorological Station on 26 November 2022

