

# Appendix G

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Construction Dust Monitoring

Results and Meteorological

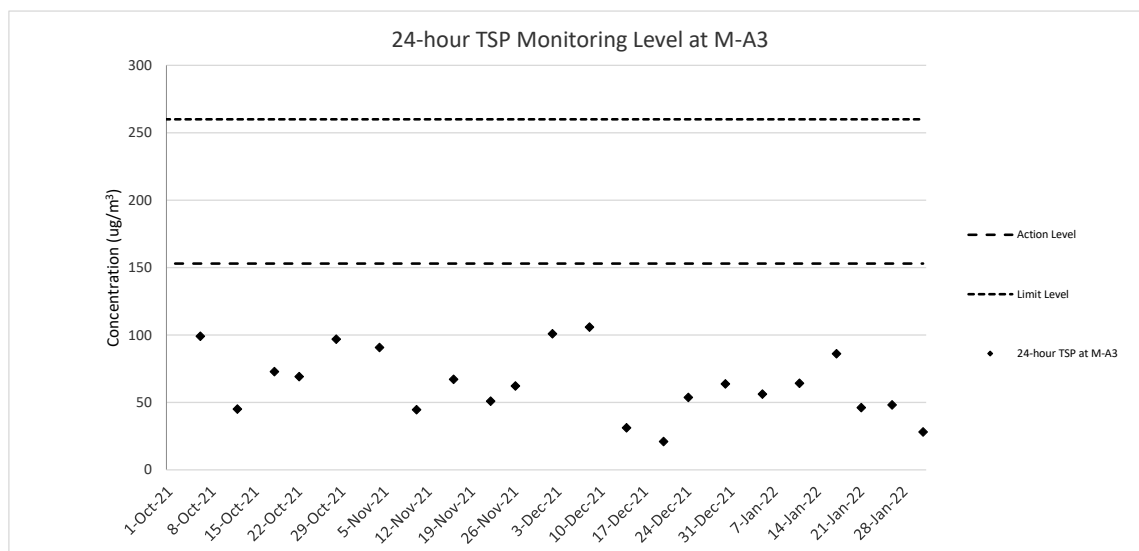
Observations

## 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 <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					
5-Jan-22	Sunny	293.4	763.0	2.6936	2.7932	0.0996	24	1.20	1.26	1.23	1771.3	56	153	260
11-Jan-22	Fine	289.1	765.7	2.6602	2.7819	0.1217	24	1.34	1.29	1.32	1895.0	64		
17-Jan-22	Fine	290.8	765.6	2.7752	2.9399	0.1647	24	1.36	1.29	1.33	1911.8	86		
21-Jan-22	Fine	290.9	763.3	2.7263	2.8083	0.0820	24	1.23	1.24	1.23	1775.0	46		
26-Jan-22	Sunny	292.2	762.9	2.7437	2.8272	0.0835	24	1.20	1.21	1.20	1734.5	48		
31-Jan-22	Fine	287.6	764.5	2.7653	2.8148	0.0495	24	1.21	1.24	1.22	1760.6	28		
												Min	28	
												Max	86	
												Average	55	

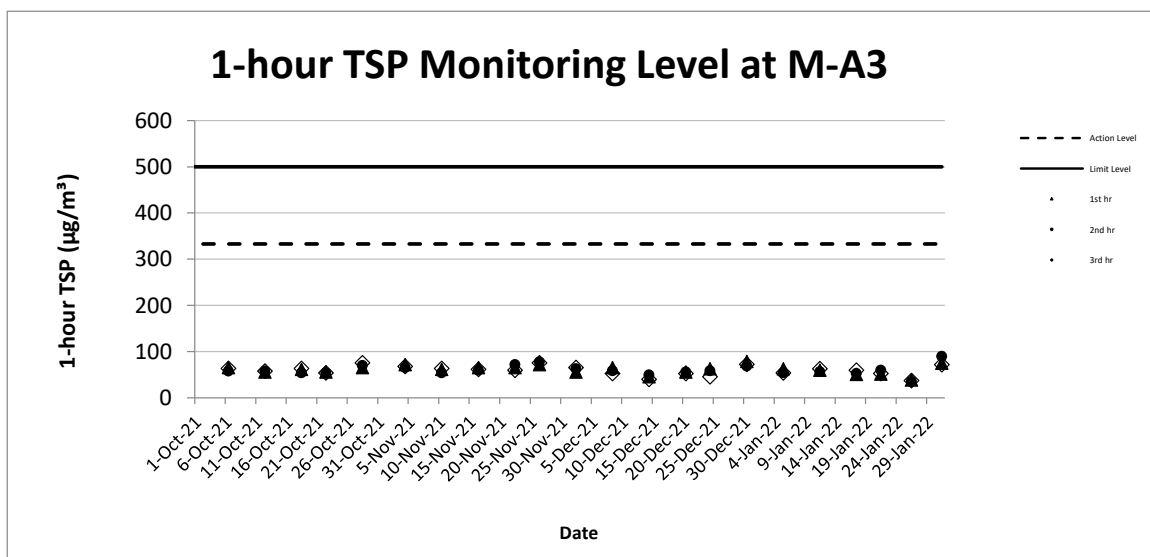
Note:  
 Underline: Exceedance of Action Level  
 Underline and Bold: Exceedance of Limit Level



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

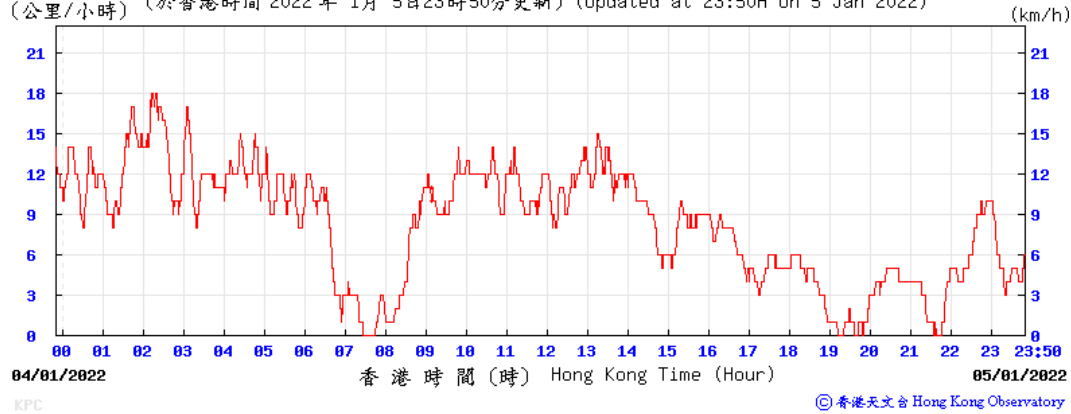
## M-A3 - SKH Tsoi Kung Po Secondary School

1-hour TSP ( $\mu\text{g}/\text{m}^3$ )								
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
5-Jan-22	09:00	63	54	54	57	333	500	Sunny
11-Jan-22	09:16	60	57	63	60			Fine
17-Jan-22	09:03	51	53	60	55			Fine
21-Jan-22	13:00	52	60	53	55			Fine
26-Jan-22	13:26	39	36	38	38			Sunny
31-Jan-22	13:32	75	90	72	79			Fine
<b>Average</b>		57						
<b>Max</b>		90						
<b>Min</b>		36						



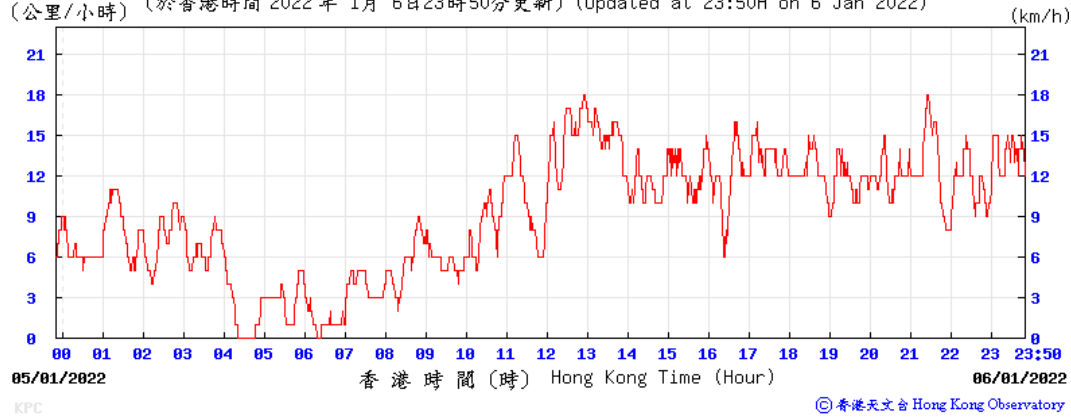
## Wind Speed recorded at King's Park Meteorological Station on 5 January 2022

(公里/小時) (於香港時間 2022 年 1 月 5 日 23 時 50 分更新) (Updated at 23:50H on 5 Jan 2022)



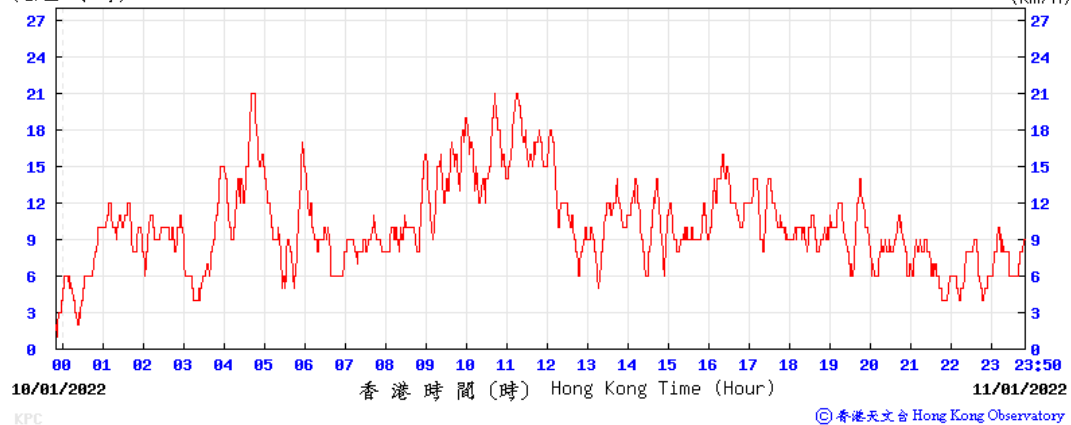
## Wind Speed recorded at King's Park Meteorological Station on 6 January 2022

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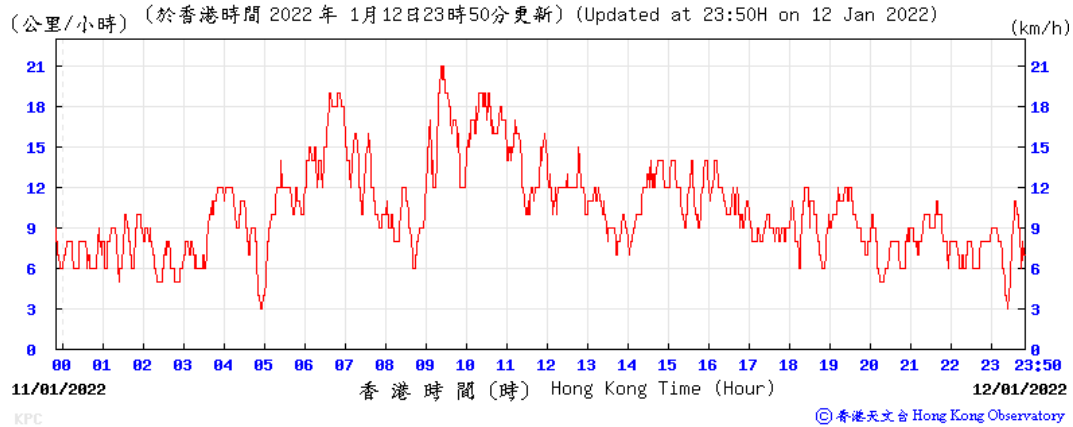


## Wind Speed recorded at King's Park Meteorological Station on 11 January 2022

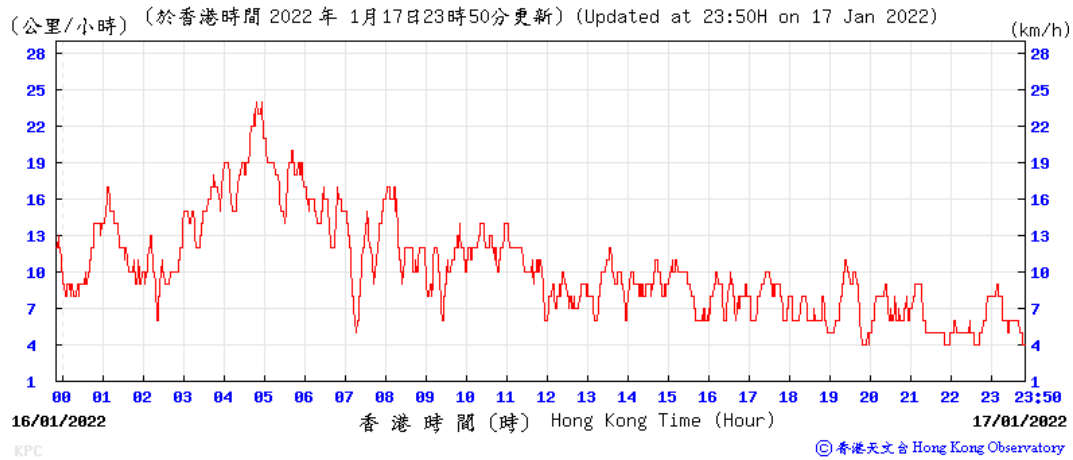
(公里/小時) (於香港時間 2022 年 1 月 11 日 23 時 50 分更新) (Updated at 23:50H on 11 Jan 2022)



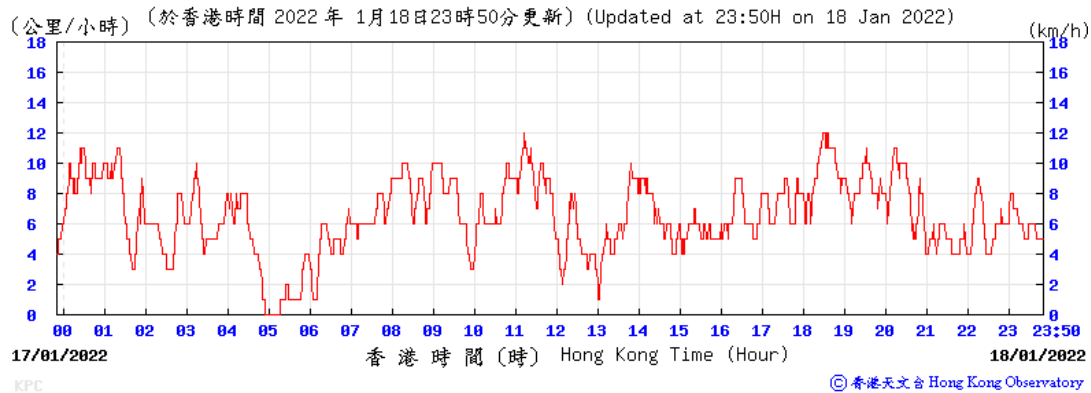
## Wind Speed recorded at King's Park Meteorological Station on 12 January 2022



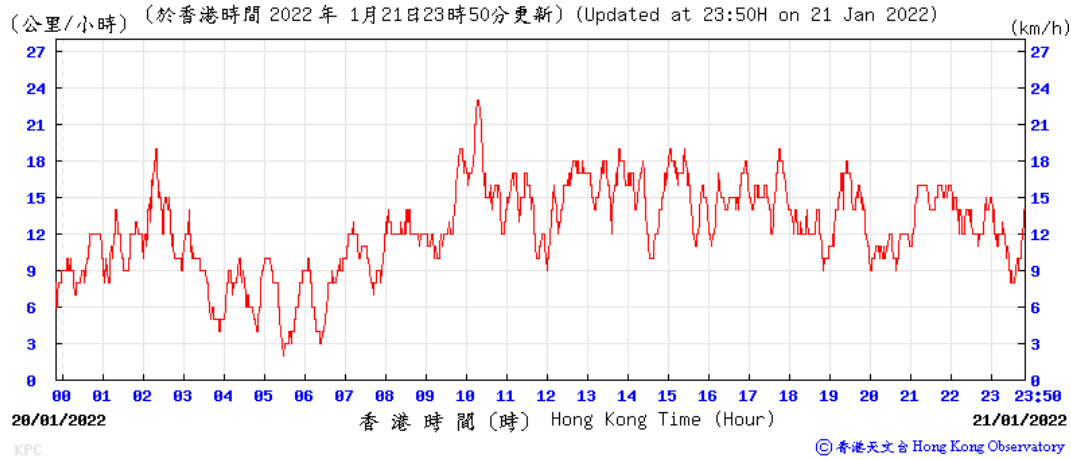
## Wind Speed recorded at King's Park Meteorological Station on 17 January 2022



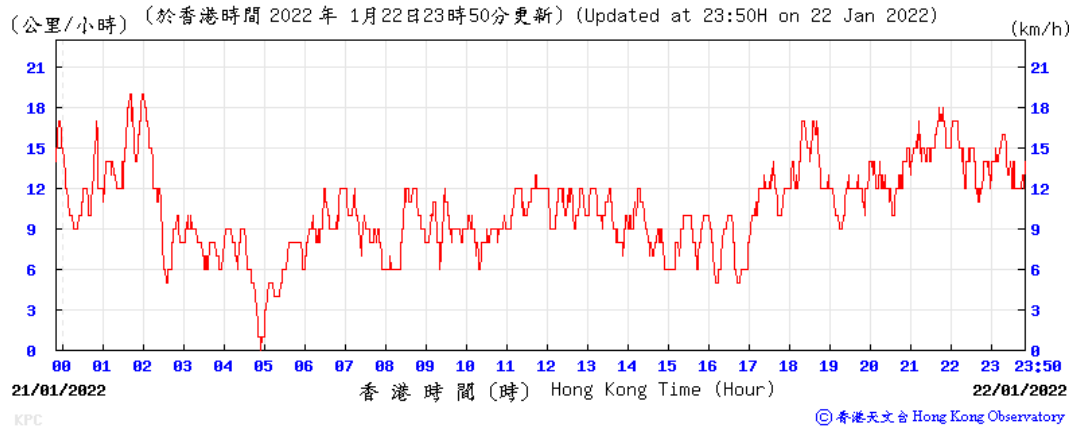
## Wind Speed recorded at King's Park Meteorological Station on 18 January 2022



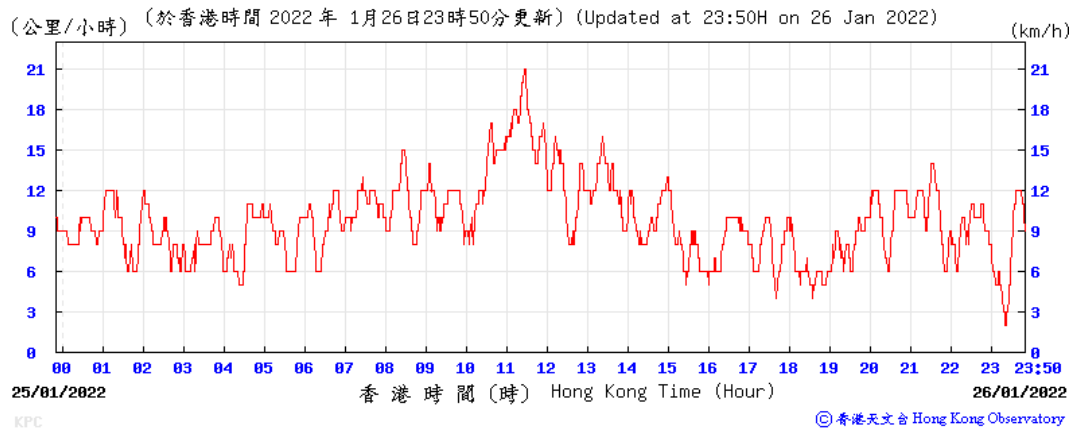
## Wind Speed recorded at King's Park Meteorological Station on 21 January 2022



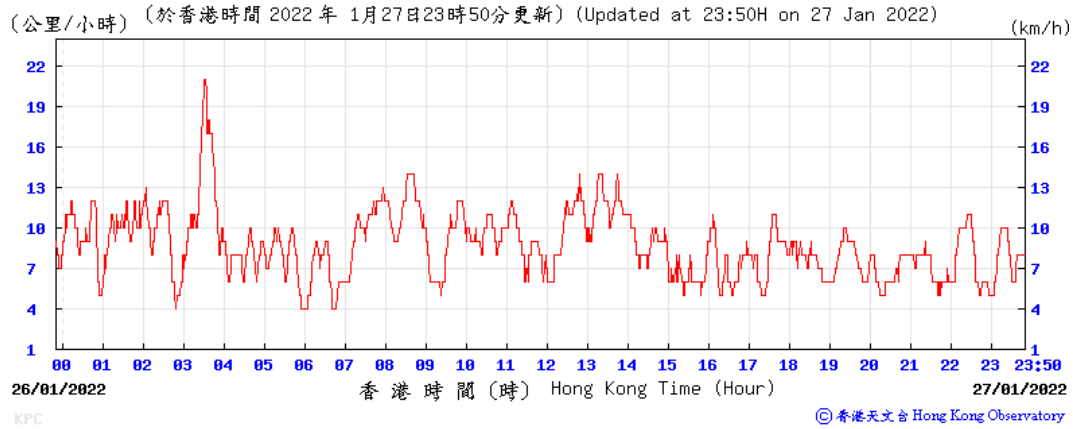
## Wind Speed recorded at King's Park Meteorological Station on 22 January 2022



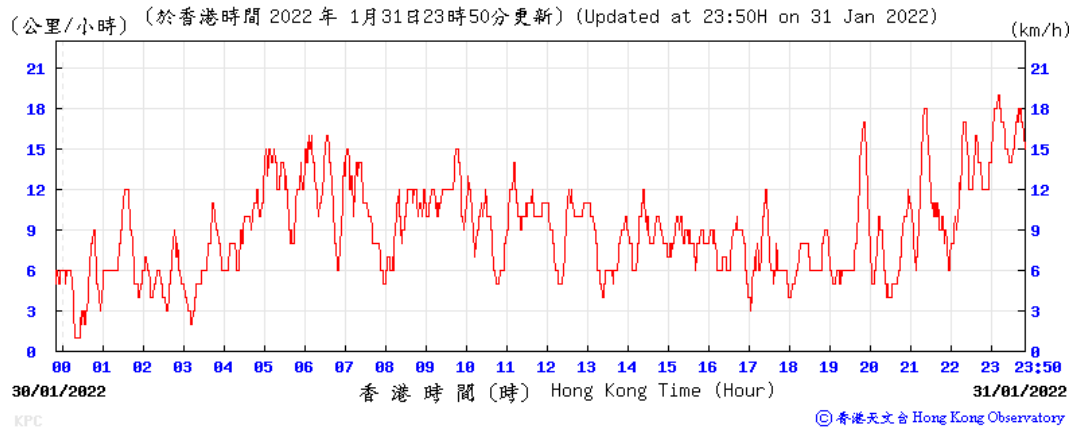
## Wind Speed recorded at King's Park Meteorological Station on 26 January 2022



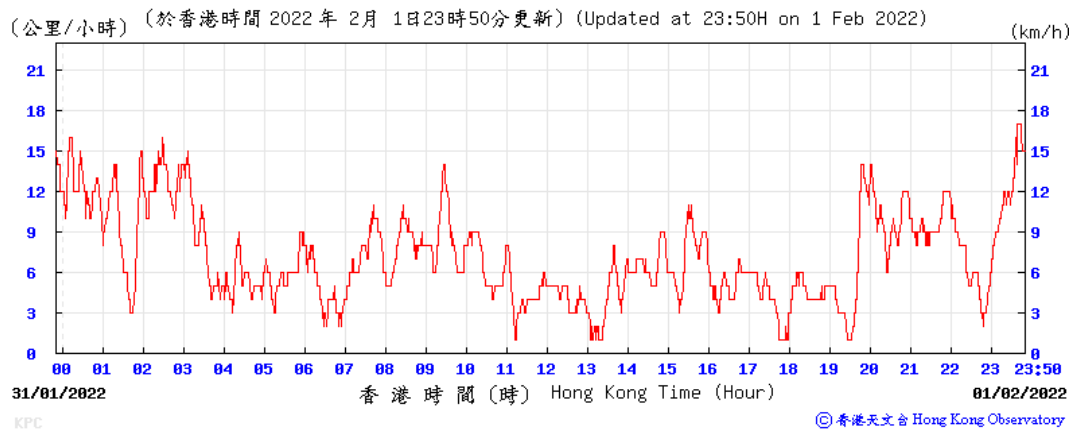
## Wind Speed recorded at King's Park Meteorological Station on 27 January 2022



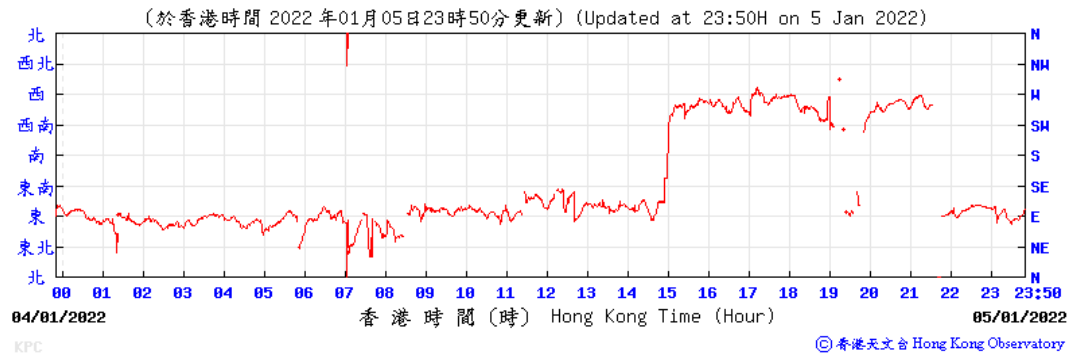
## Wind Speed recorded at King's Park Meteorological Station on 31 January 2022



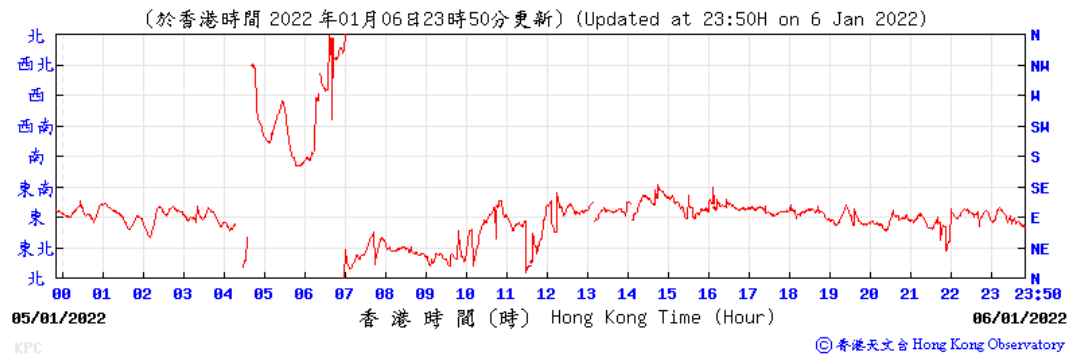
## Wind Speed recorded at King's Park Meteorological Station on 1 February 2022



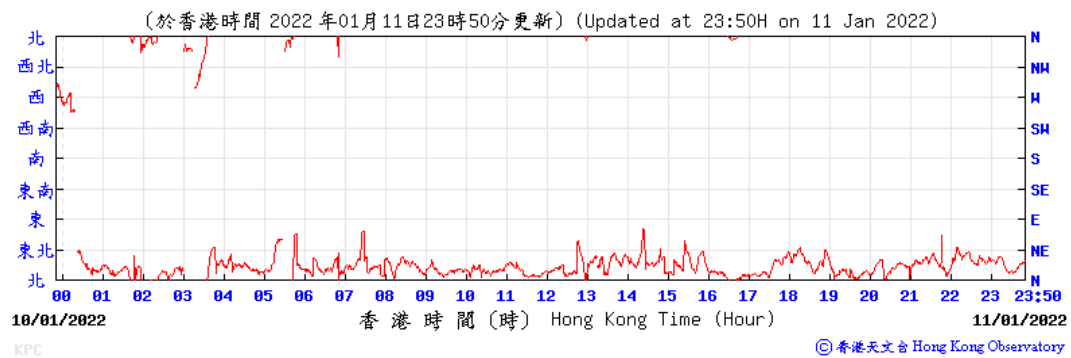
### Wind Direction recorded at King's Park Meteorological Station on 5 January 2022



### Wind Direction recorded at King's Park Meteorological Station on 6 January 2022

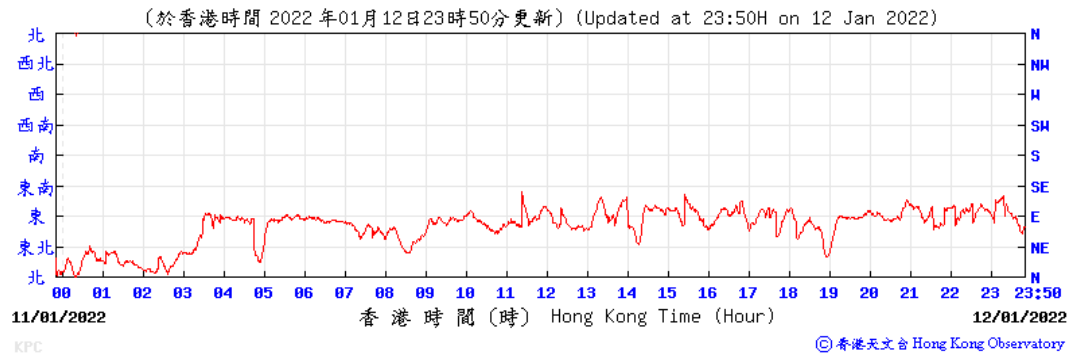


### Wind Direction recorded at King's Park Meteorological Station on 11 January 2022

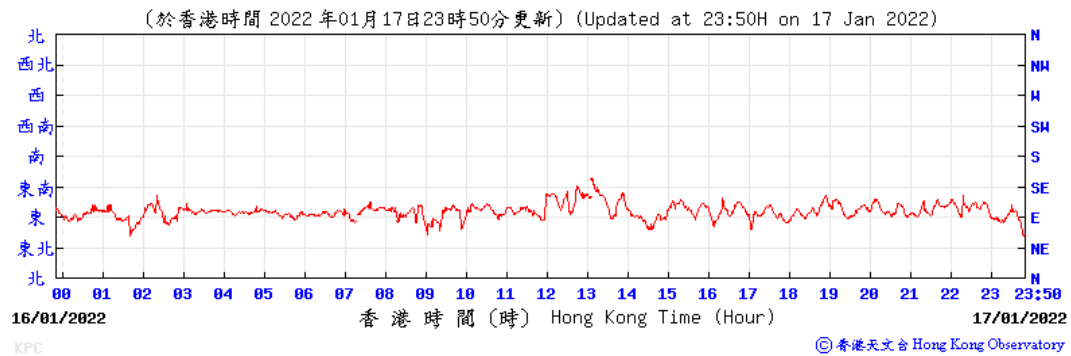




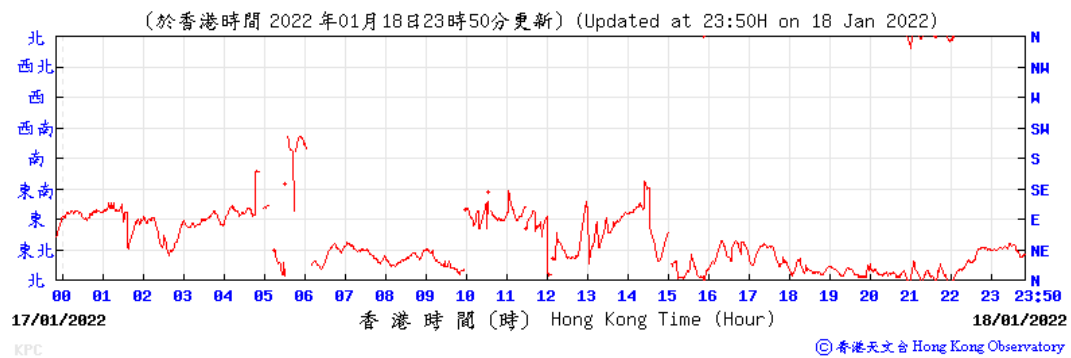
## Wind Direction recorded at King's Park Meteorological Station on 12 January 2022



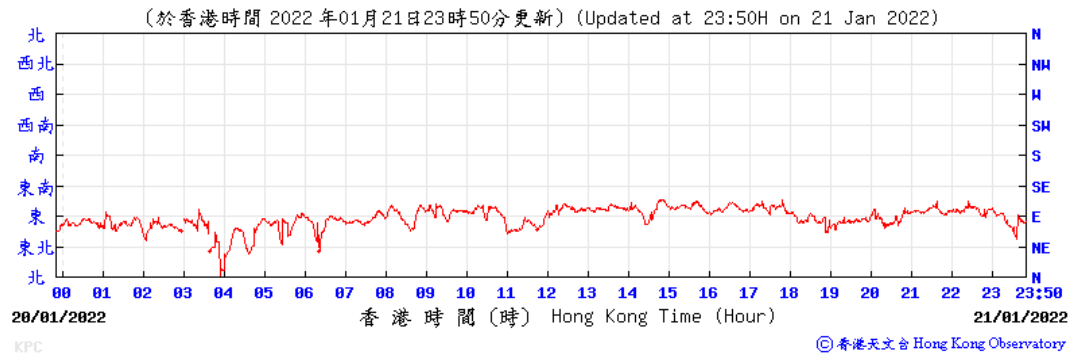
## Wind Direction recorded at King's Park Meteorological Station on 17 January 2022



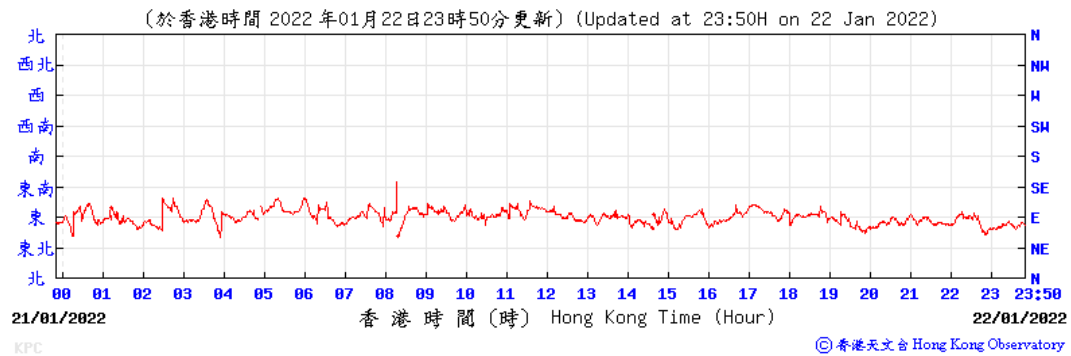
## Wind Direction recorded at King's Park Meteorological Station on 18 January 2022



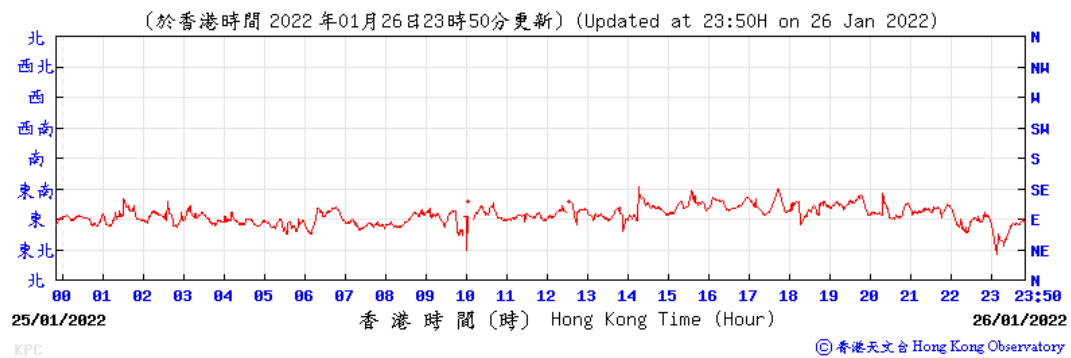
## Wind Direction recorded at King's Park Meteorological Station on 21 January 2022



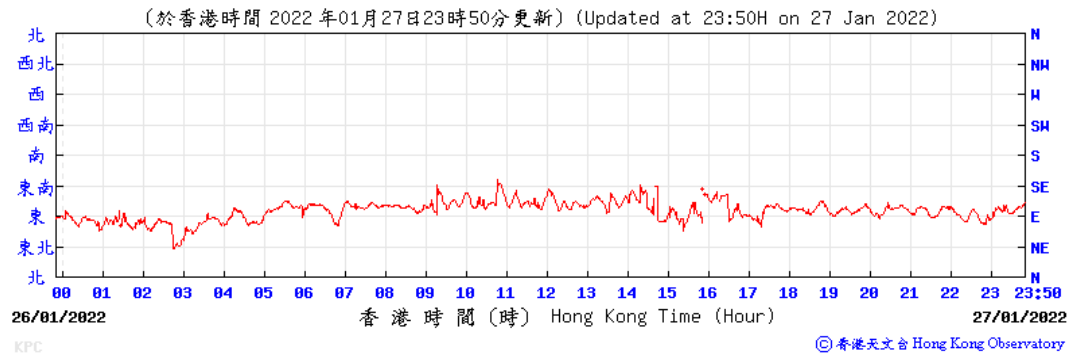
## Wind Direction recorded at King's Park Meteorological Station on 22 January 2022



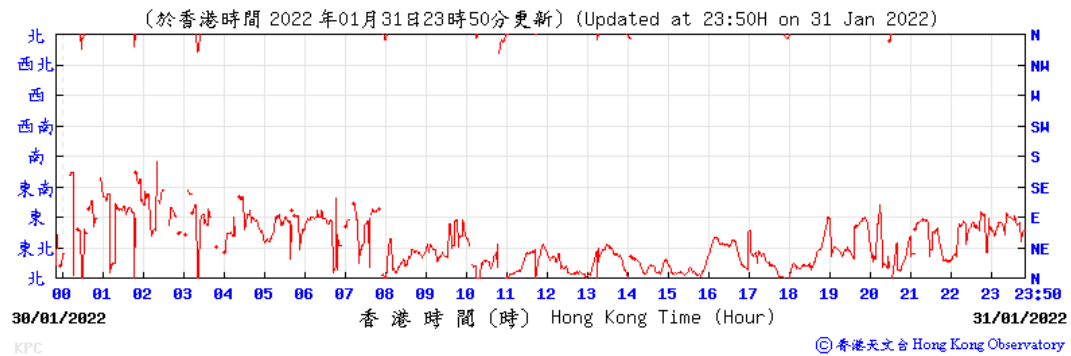
## Wind Direction recorded at King's Park Meteorological Station on 26 January 2022



## Wind Direction recorded at King's Park Meteorological Station on 27 January 2022



## Wind Direction recorded at King's Park Meteorological Station on 31 January 2022



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

