

# Appendix G

---

Construction Dust Monitoring

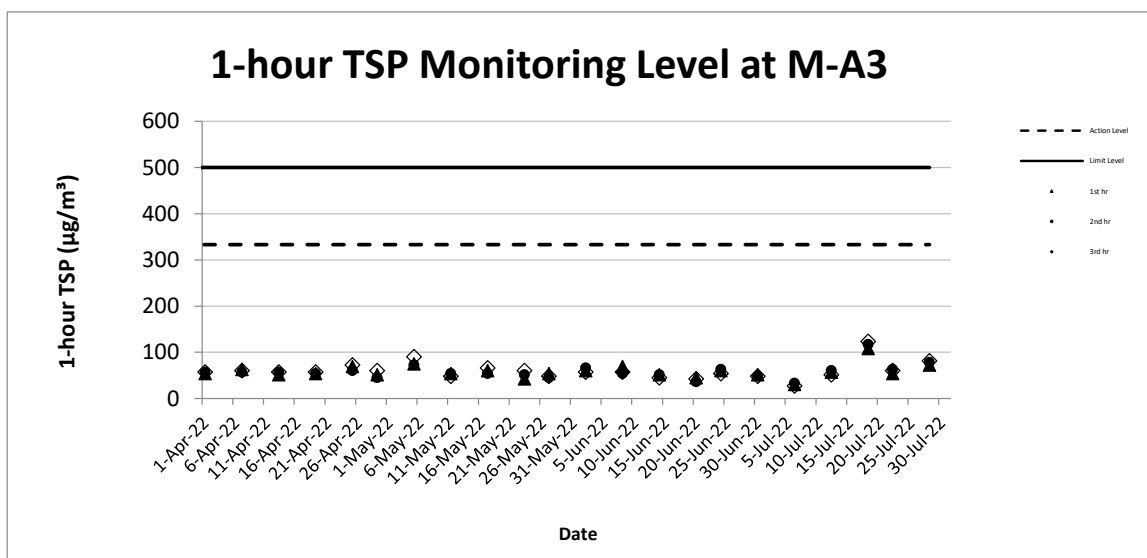
Results and Meteorological

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
6-Jul-22	10:55	30	33	27	30	333	500	Fine
12-Jul-22	11:29	57	60	51	56			Fine
18-Jul-22	12:01	108	117	123	116			Sunny
22-Jul-22	12:43	54	63	60	59			Fine
28-Jul-22	14:05	72	78	81	77			Sunny
<b>Average</b>		68						
<b>Max</b>		123						
<b>Min</b>		27						



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

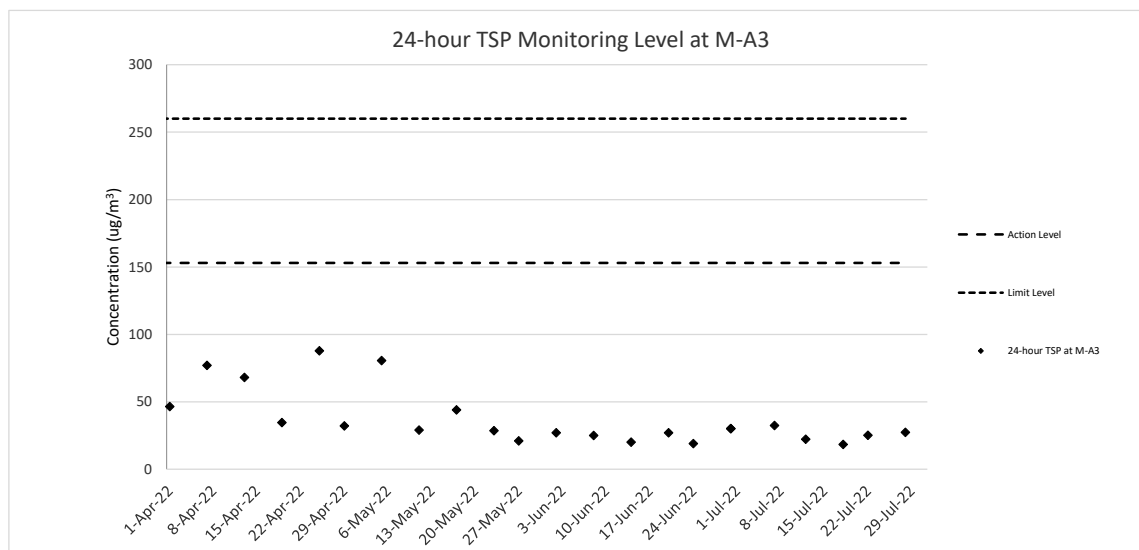
### M-A3 - SKH Tsoi Kung Po Secondary School

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					
7-Jul-22	Fine	301.8	756.0	2.6615	2.7357	0.0724	24	1.59	1.59	1.59	2292.1	32	153	260
12-Jul-22	Fine	304.1	755.0	2.6816	2.7328	0.0512	24	1.60	1.61	1.61	2313.5	22		
18-Jul-22	Sunny	303.4	753.7	2.6936	2.7357	0.0421	24	1.59	1.59	1.59	2290.3	18		
22-Jul-22	Fine	304.2	758.2	2.7043	2.7626	0.0583	24	1.60	1.63	1.62	2326.1	25		
28-Jul-22	Sunny	304.2	754.7	2.7040	2.7664	0.0624	24	1.59	1.59	1.59	2290.0	27		
												Min	18	
												Max	32	
												Average	25	

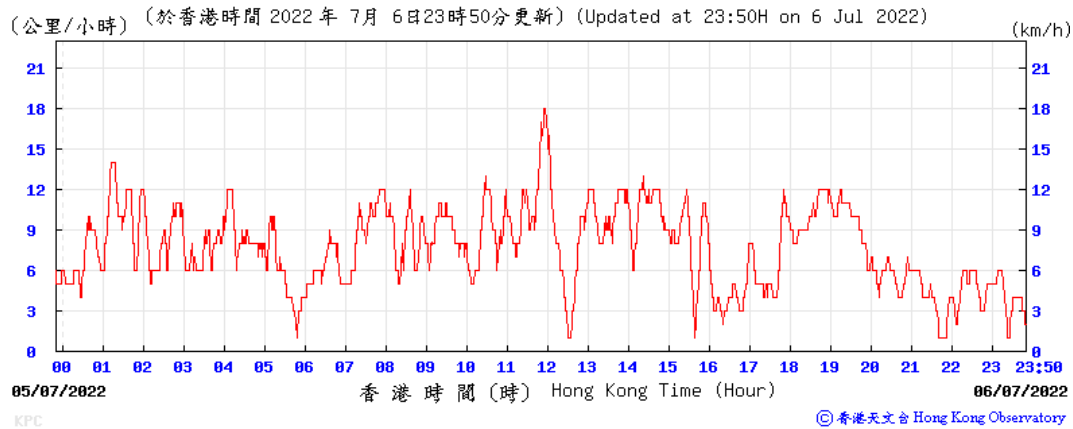
Note:

Underline: Exceedance of Action Level

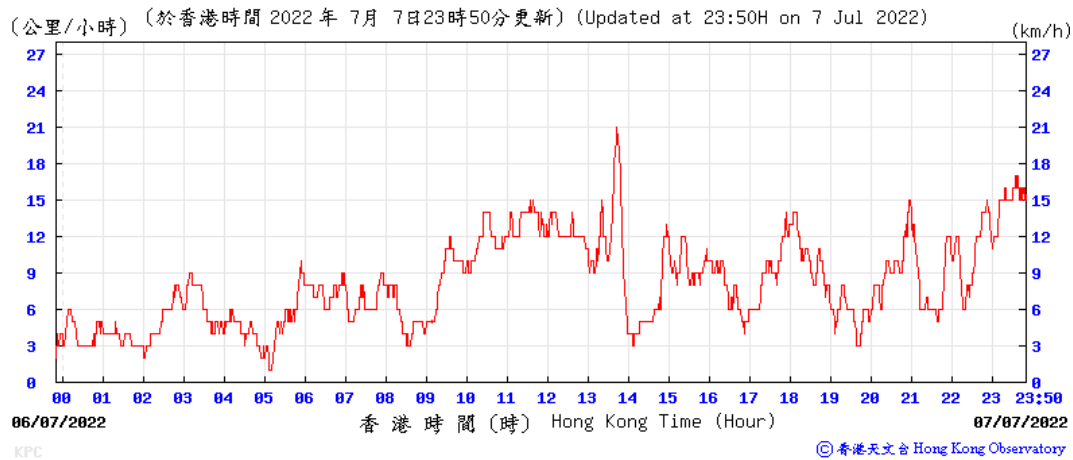
Underline and Bold: Exceedance of Limit Level



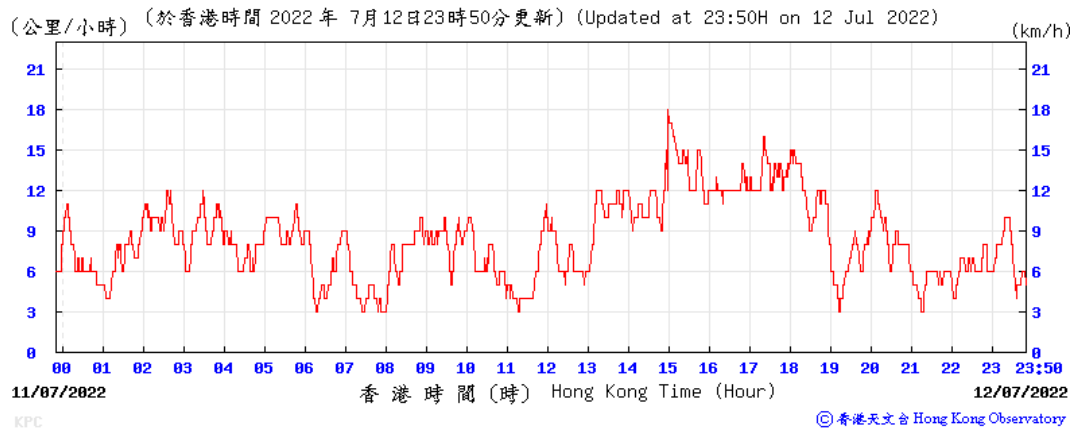
## Wind Speed recorded at King's Park Meteorological Station on 6 July 2022



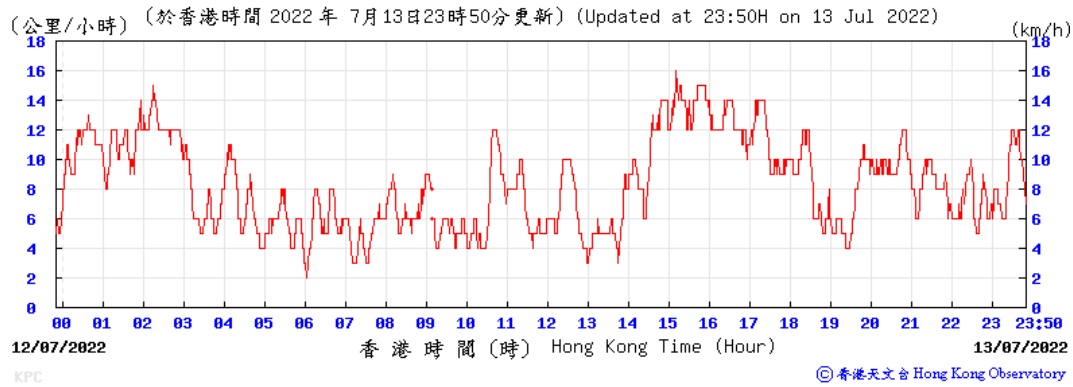
## Wind Speed recorded at King's Park Meteorological Station on 7 July 2022



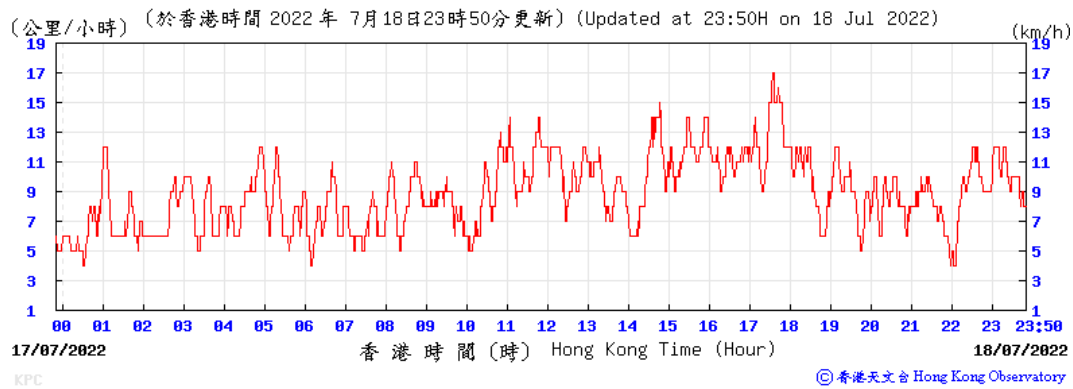
## Wind Speed recorded at King's Park Meteorological Station on 12 July 2022



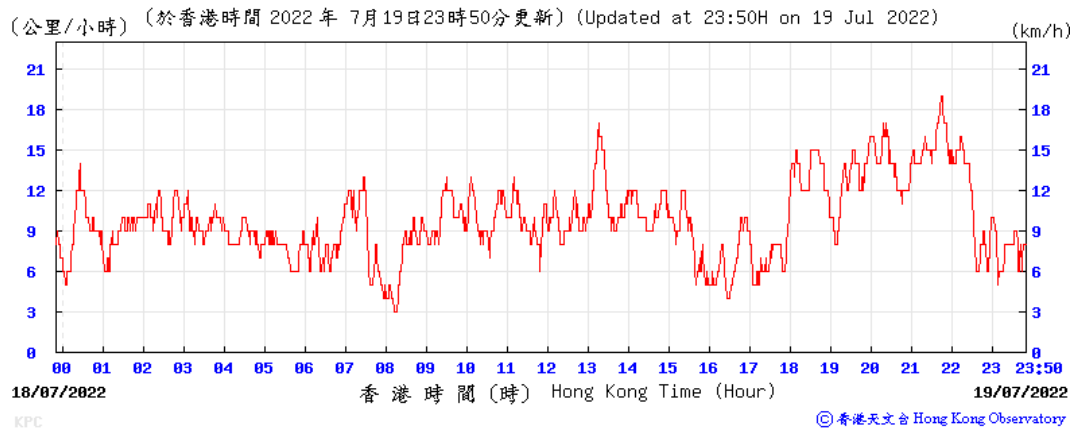
## Wind Speed recorded at King's Park Meteorological Station on 13 July 2022



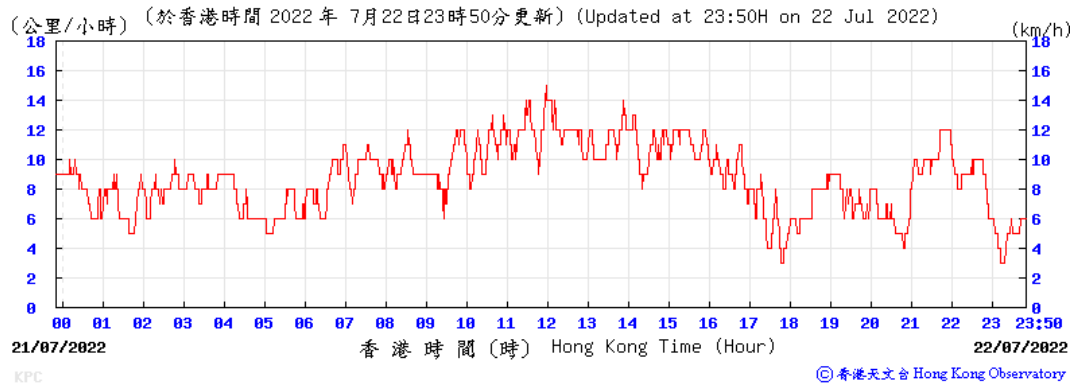
## Wind Speed recorded at King's Park Meteorological Station on 18 July 2022



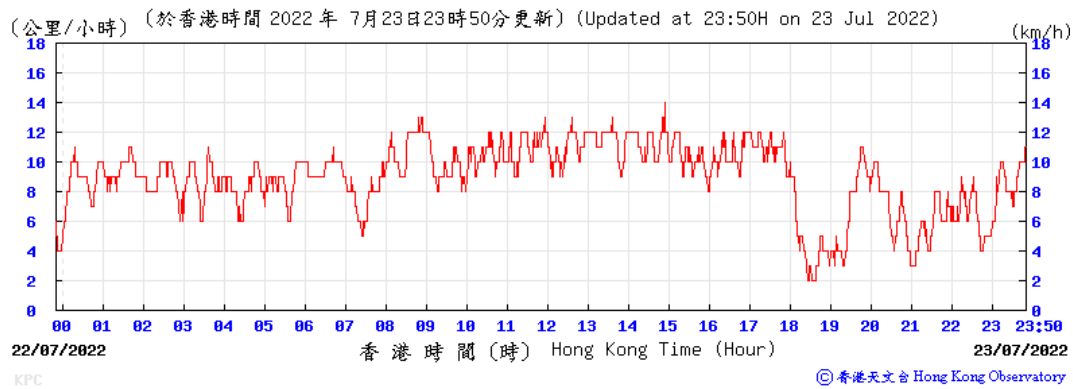
## Wind Speed recorded at King's Park Meteorological Station on 19 July 2022



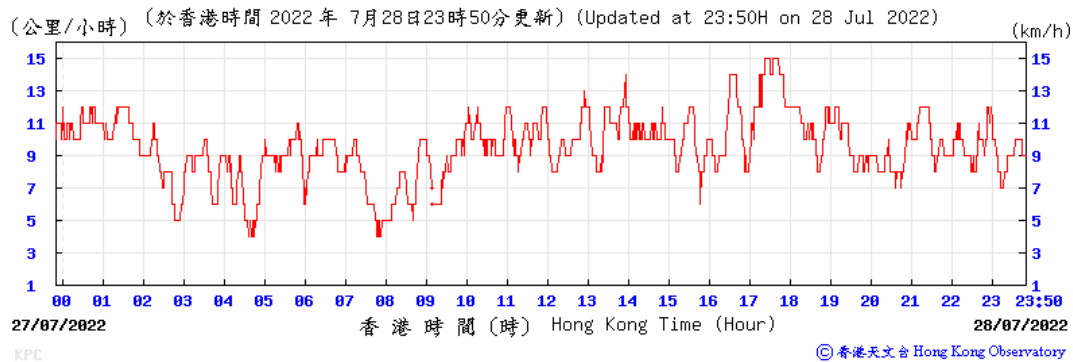
## Wind Speed recorded at King's Park Meteorological Station on 22 July 2022



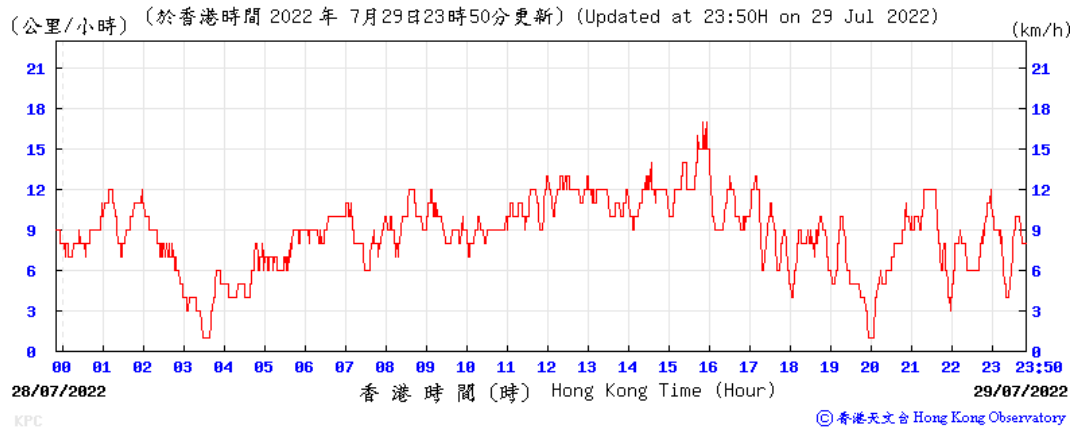
## Wind Speed recorded at King's Park Meteorological Station on 23 July 2022



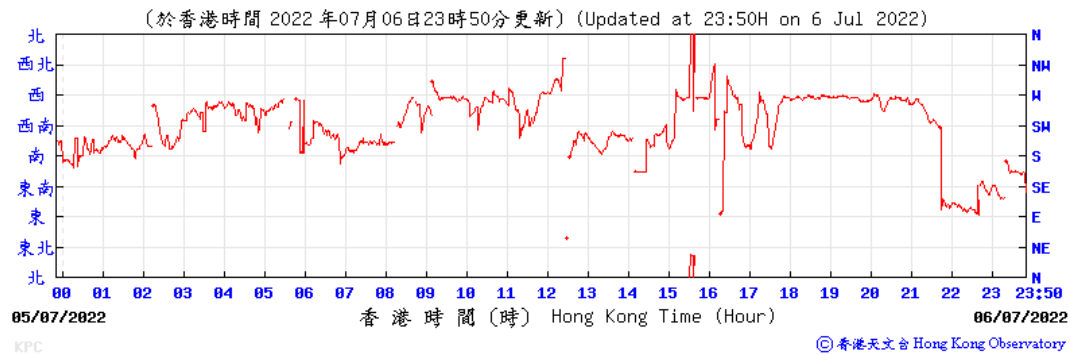
## Wind Speed recorded at King's Park Meteorological Station on 28 July 2022



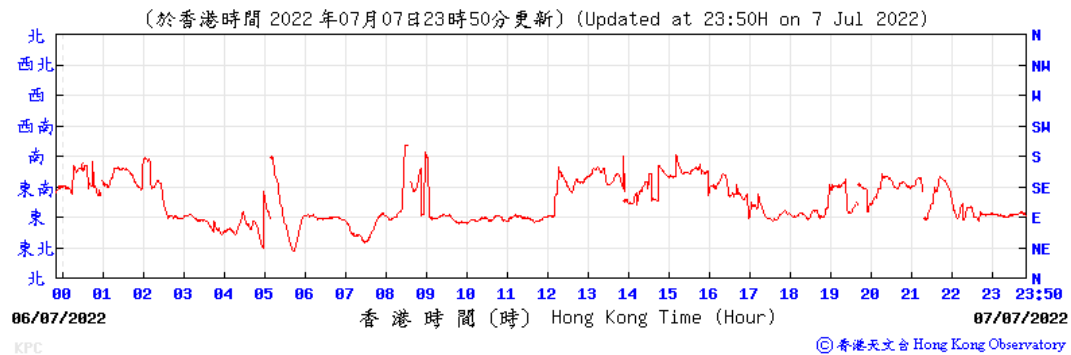
## Wind Speed recorded at King's Park Meteorological Station on 29 July 2022



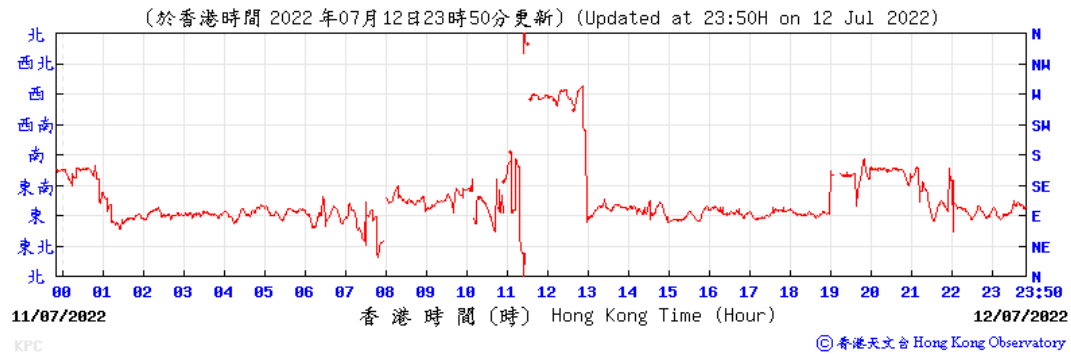
## Wind Direction recorded at King's Park Meteorological Station on 6 July 2022



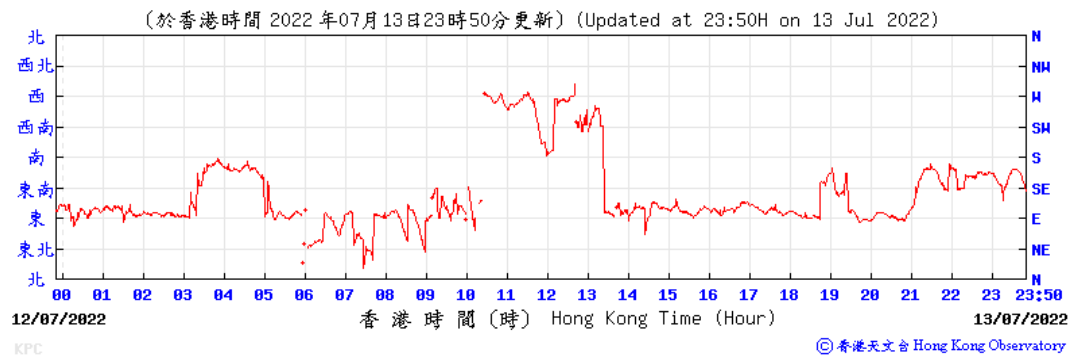
## Wind Direction recorded at King's Park Meteorological Station on 7 July 2022



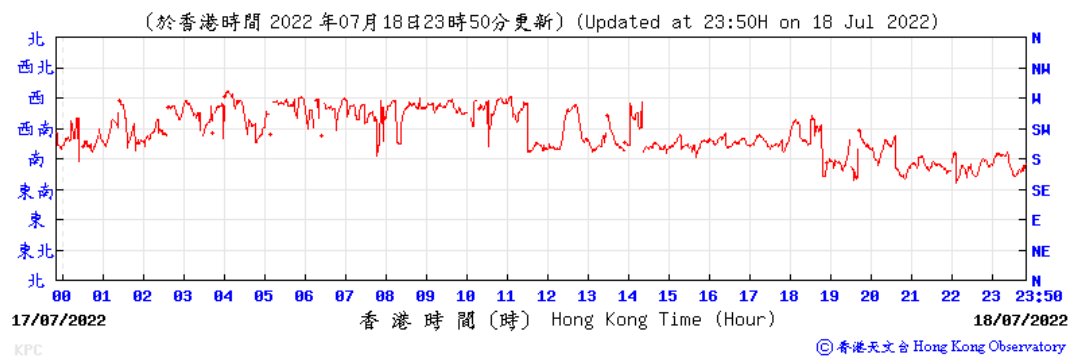
## Wind Direction recorded at King's Park Meteorological Station on 12 July 2022



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

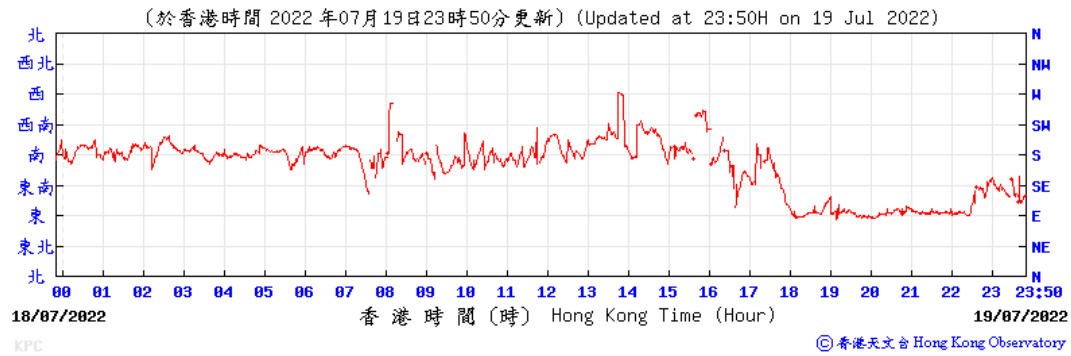


## Wind Direction recorded at King's Park Meteorological Station on 18 July 2022

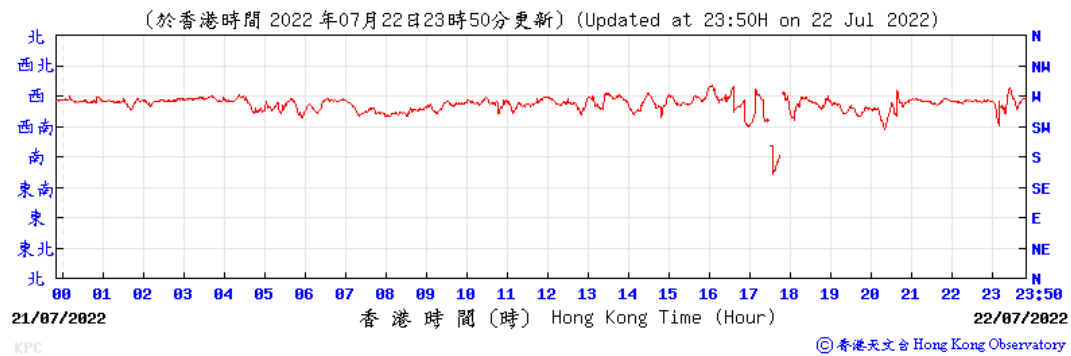




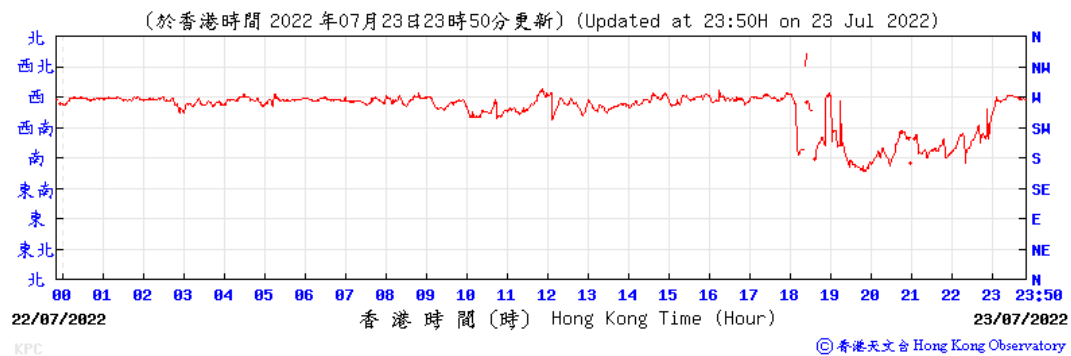
## Wind Direction recorded at King's Park Meteorological Station on 19 July 2022



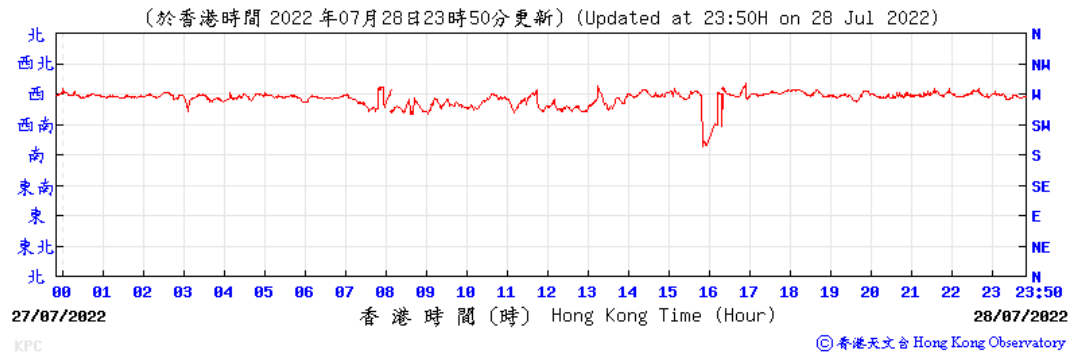
## Wind Direction recorded at King's Park Meteorological Station on 22 July 2022



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



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



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

