

# Appendix G

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Construction Dust Monitoring

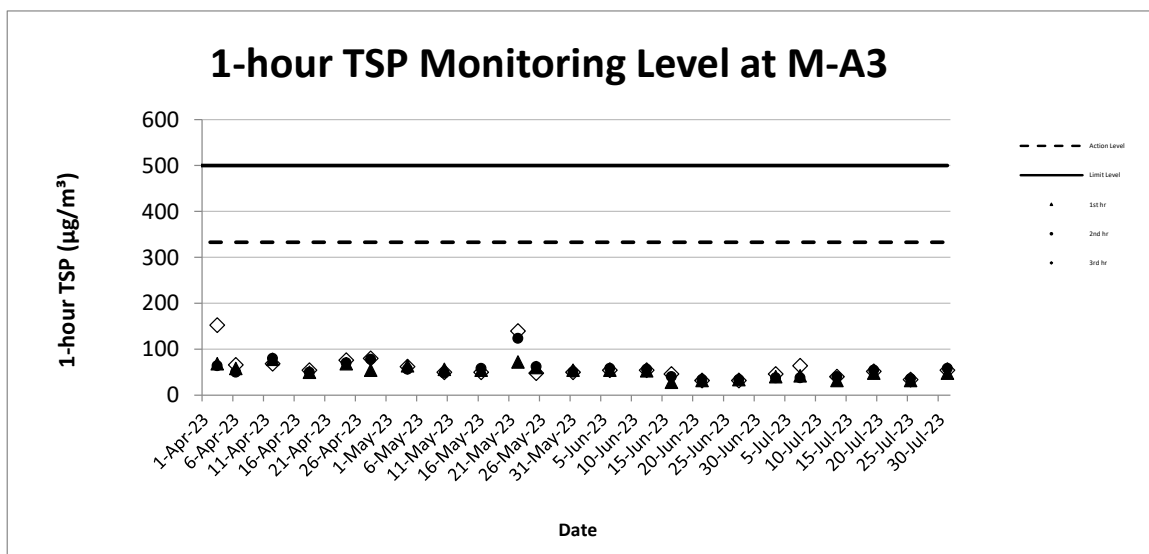
Results and Meteorological

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-Jul-23	8:55	40	38	46	42	333	500	Fine
7-Jul-23	12:18	42	38	64	48			Fine
13-Jul-23	11:09	32	40	40	38			Fine
19-Jul-23	14:18	48	54	52	52			Fine
25-Jul-23	13:00	32	36	34	34			Sunny
31-Jul-23	13:17	48	58	54	54			Fine
<b>Average</b>		45						
<b>Max</b>		64						
<b>Min</b>		32						



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

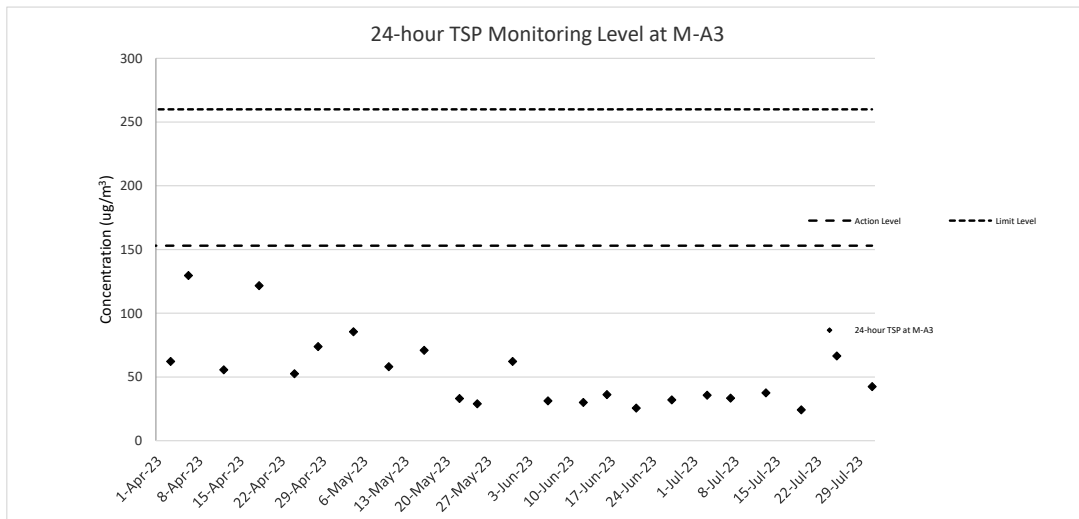
### M-A3 - SKH Tsoi Kung Po Secondary School

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	Limit Level
				Initial	Final			(ug/m <sup>3</sup> )	(ug/m <sup>3</sup> )					
3-Jul-23	Fine	301.9	756.7	2.7387	2.7920	0.0533	24	1.01	1.07	1.04	1493.2	36	153	260
7-Jul-23	Fine	303.4	757.3	2.6680	2.7178	0.0498	24	1.01	1.07	1.04	1491.4	33		
13-Jul-23	Fine	303.9	755.2	2.7181	2.7732	0.0551	24	1.00	1.04	1.02	1466.9	38		
19-Jul-23	Fine	301.7	755.7	2.6992	2.7354	0.0362	24	1.01	1.07	1.04	1492.9	24		
25-Jul-23	Sunny	303.7	754.8	2.7311	2.8301	0.0990	24	1.00	1.07	1.03	1489.5	66		
31-Jul-23	Fine	302.1	754.8	2.7462	2.8094	0.0632	24	1.01	1.07	1.04	1491.8	42		
												Min	24	
												Max	66	
												Average	40	

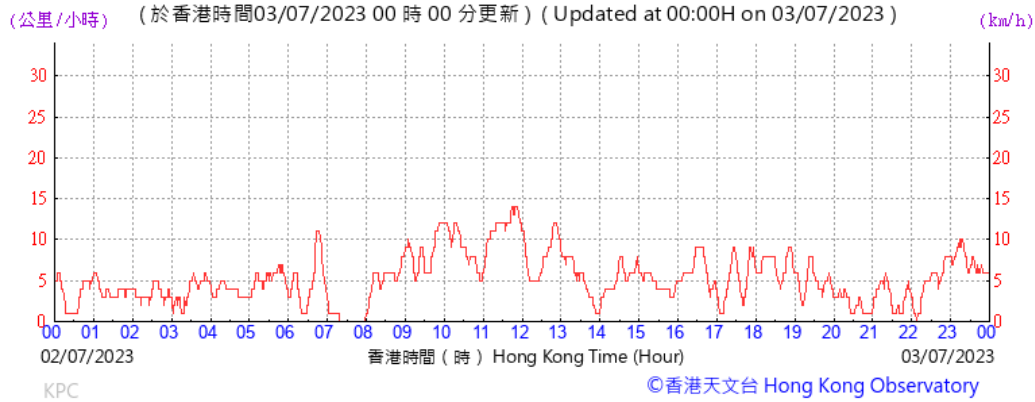
Note:

Underline: Exceedance of Action Level

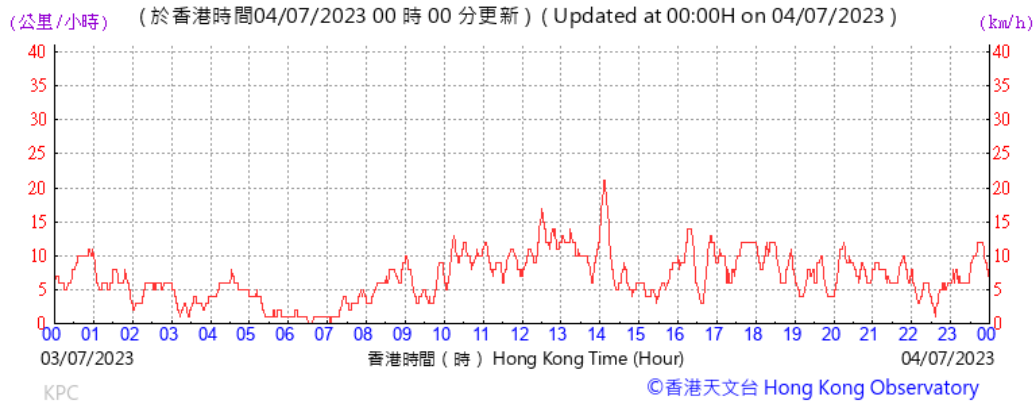
Underline and Bold: Exceedance of Limit Level



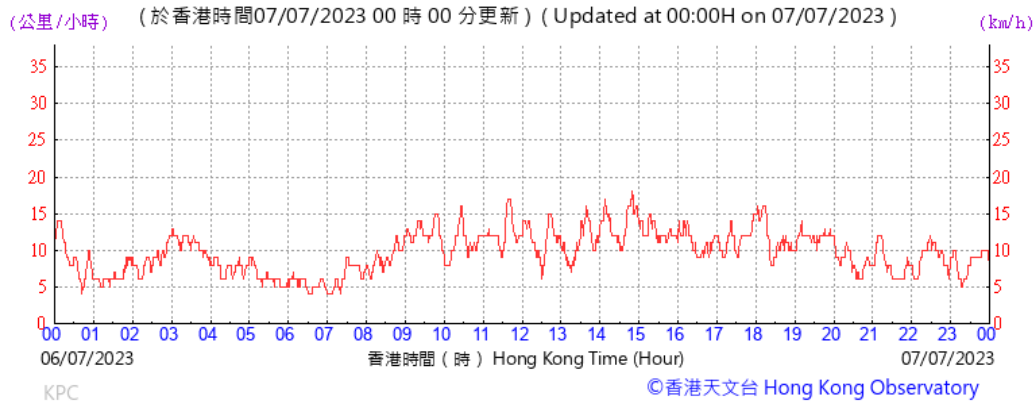
### Wind Speed recorded at King's Park Meteorological Station on 3 July 2023



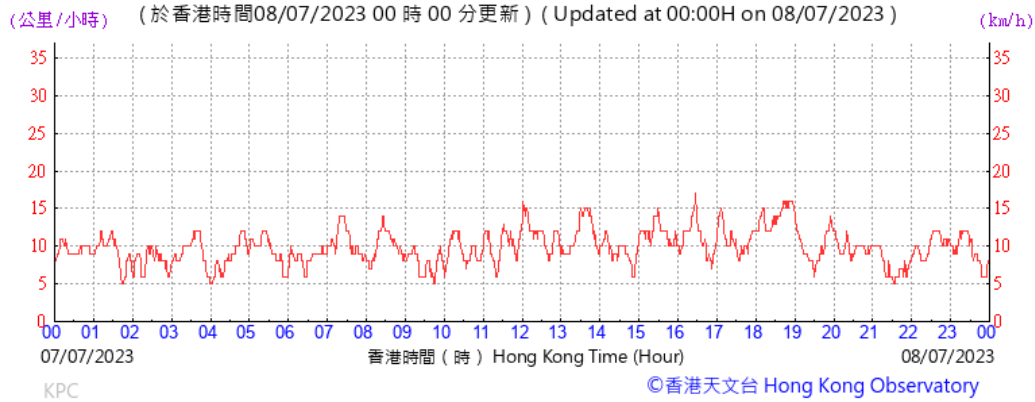
### Wind Speed recorded at King's Park Meteorological Station on 4 July 2023



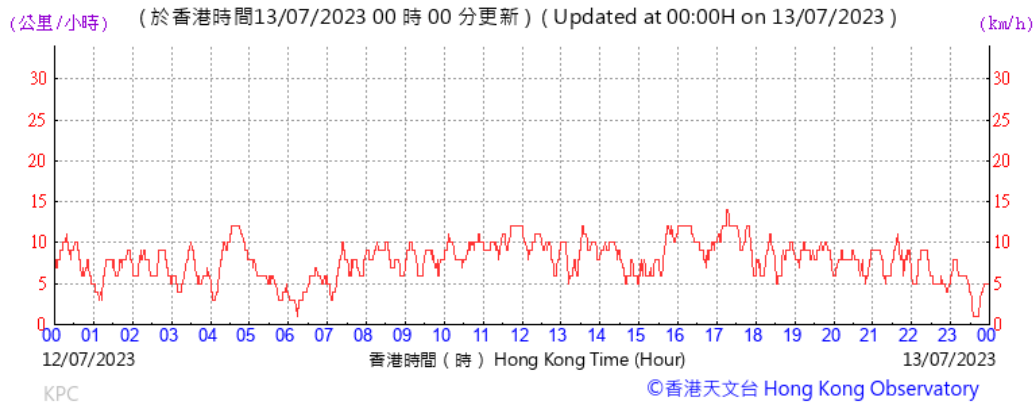
### Wind Speed recorded at King's Park Meteorological Station on 7 July 2023



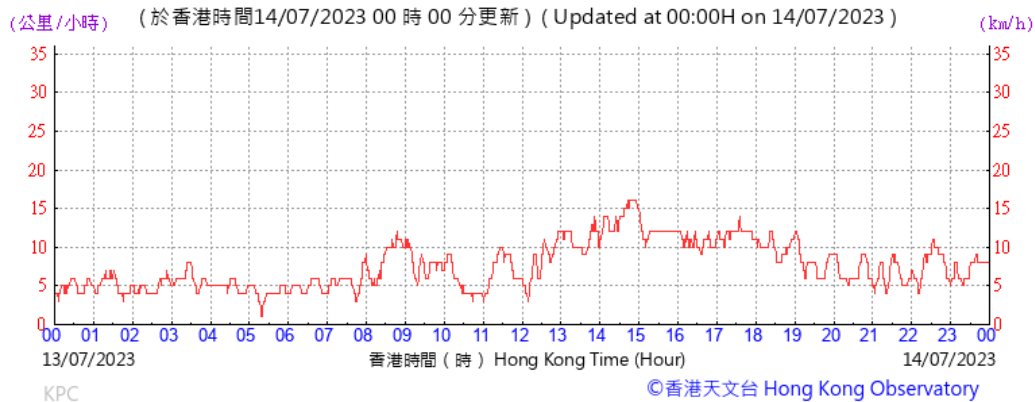
### Wind Speed recorded at King's Park Meteorological Station on 8 July 2023



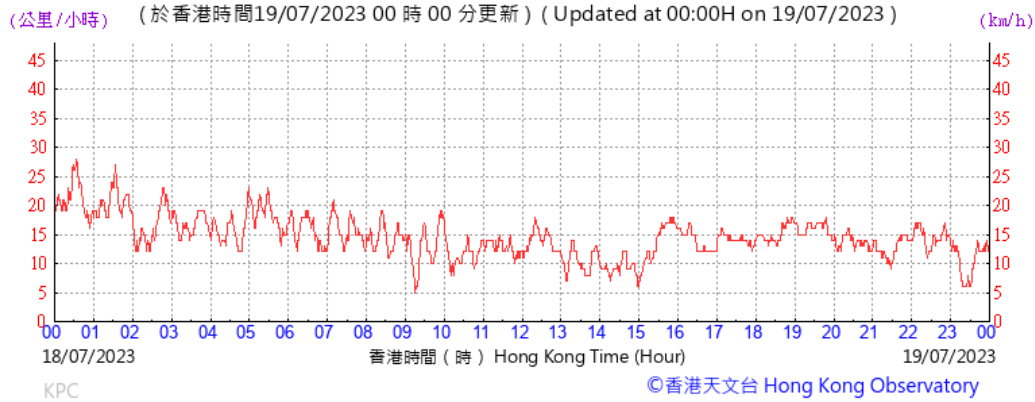
### Wind Speed recorded at King's Park Meteorological Station on 13 July 2023



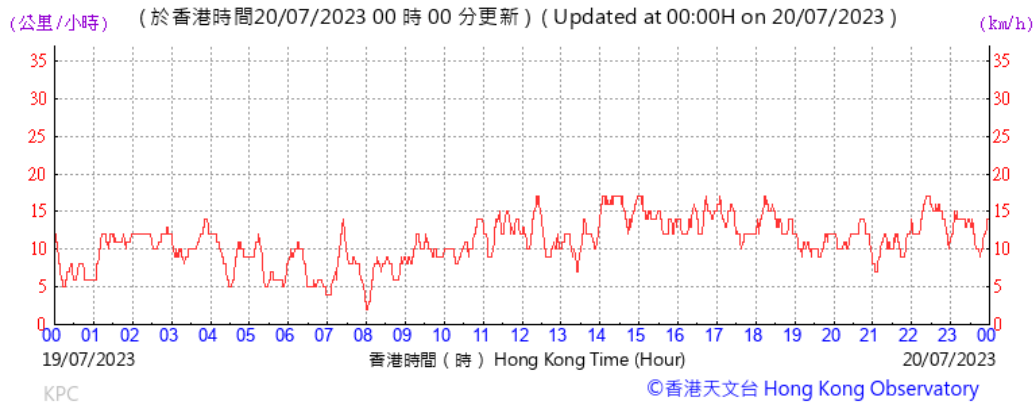
### Wind Speed recorded at King's Park Meteorological Station on 14 July 2023



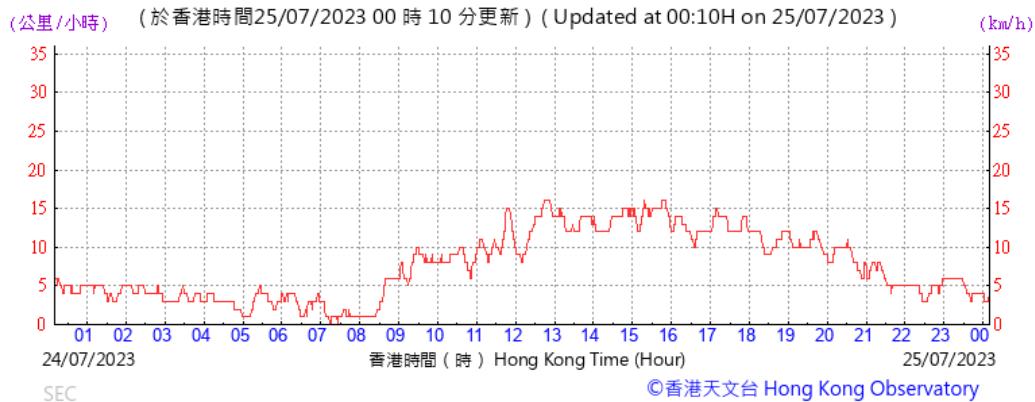
## Wind Speed recorded at King's Park Meteorological Station on 19 July 2023



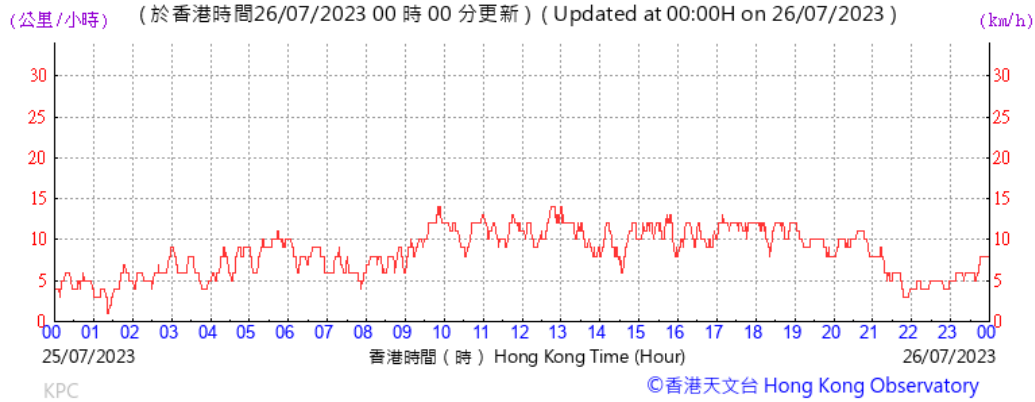
## Wind Speed recorded at King's Park Meteorological Station on 20 July 2023



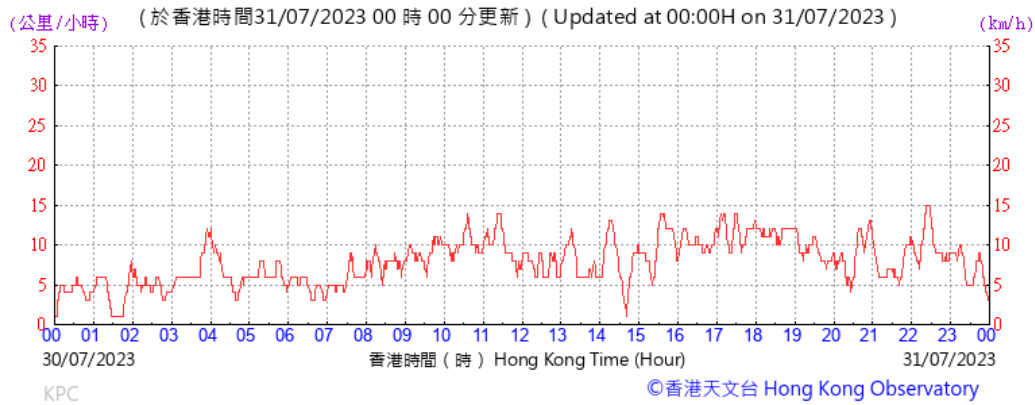
## Wind Speed recorded at Kai Tak Meteorological Station on 25 July 2023\*



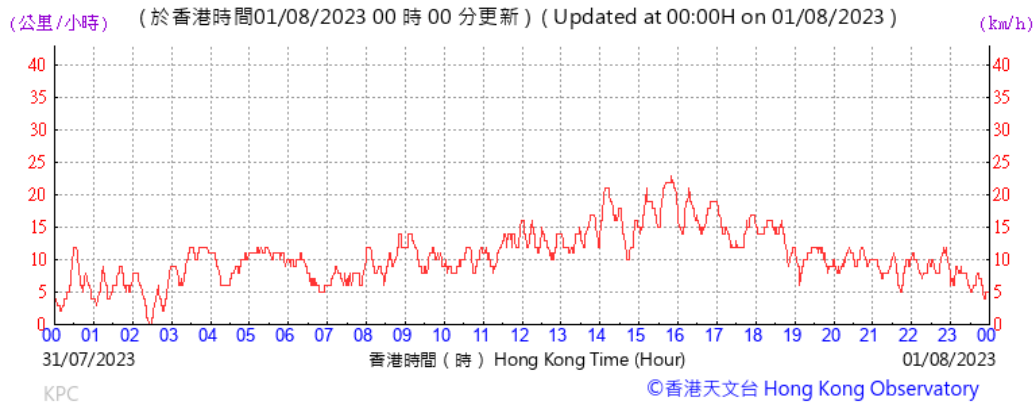
### Wind Speed recorded at King's Park Meteorological Station on 26 July 2023



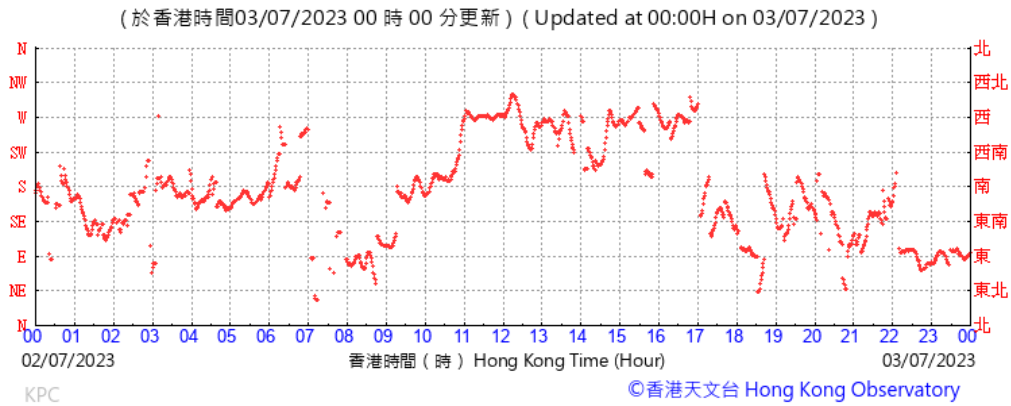
### Wind Speed recorded at King's Park Meteorological Station on 31 July 2023



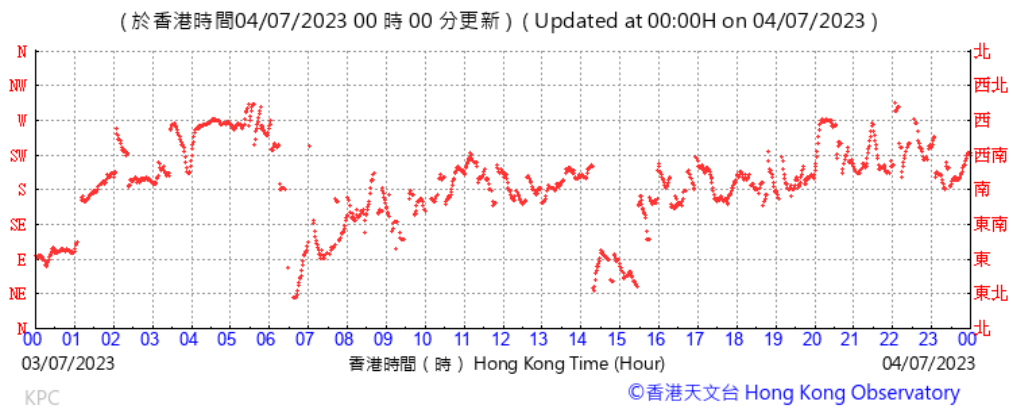
### Wind Speed recorded at King's Park Meteorological Station on 1 August 2023



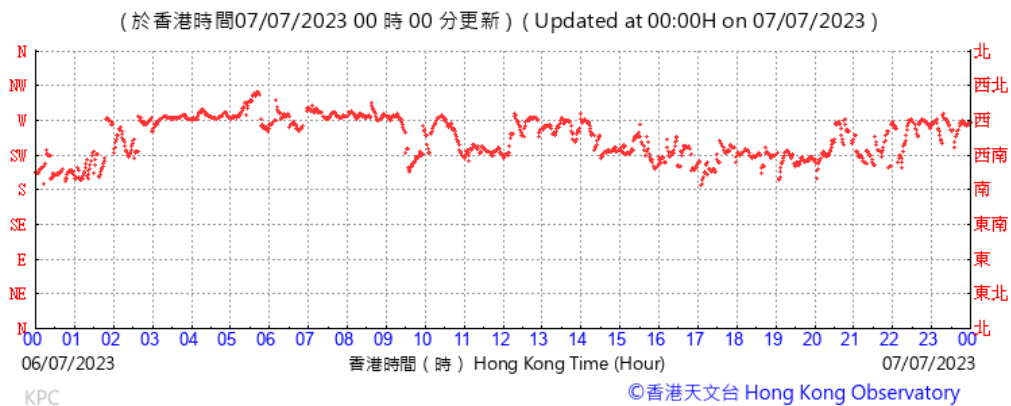
### Wind Direction recorded at King's Park Meteorological Station on 3 July 2023



### Wind Direction recorded at King's Park Meteorological Station on 4 July 2023

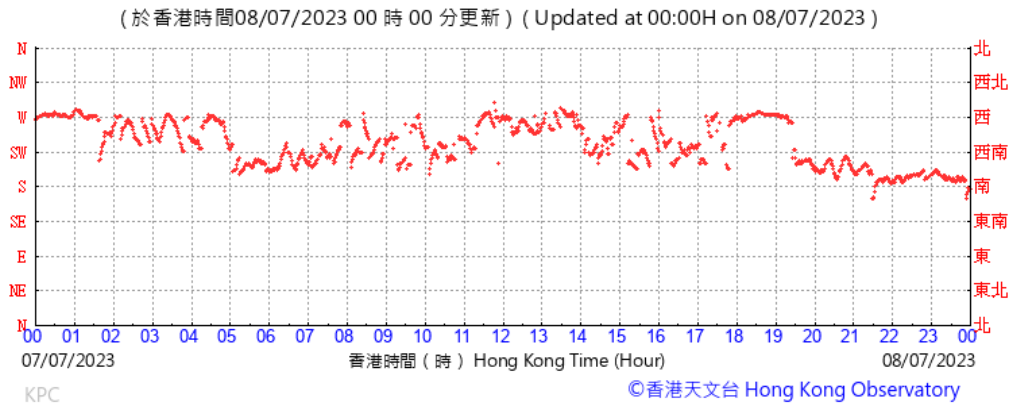


### Wind Direction recorded at King's Park Meteorological Station on 7 July 2023

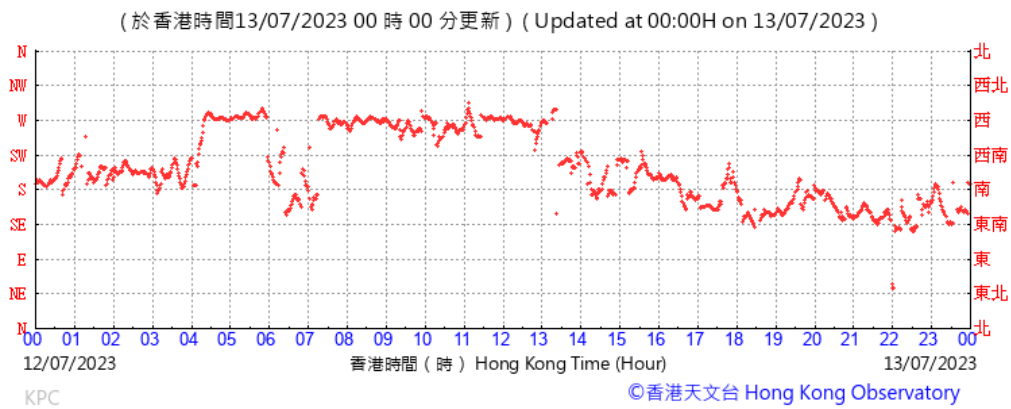




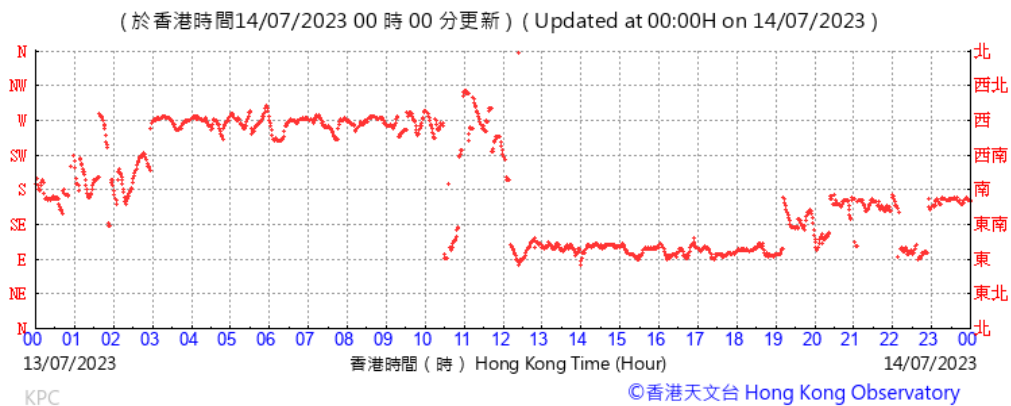
### Wind Direction recorded at King's Park Meteorological Station on 8 July 2023



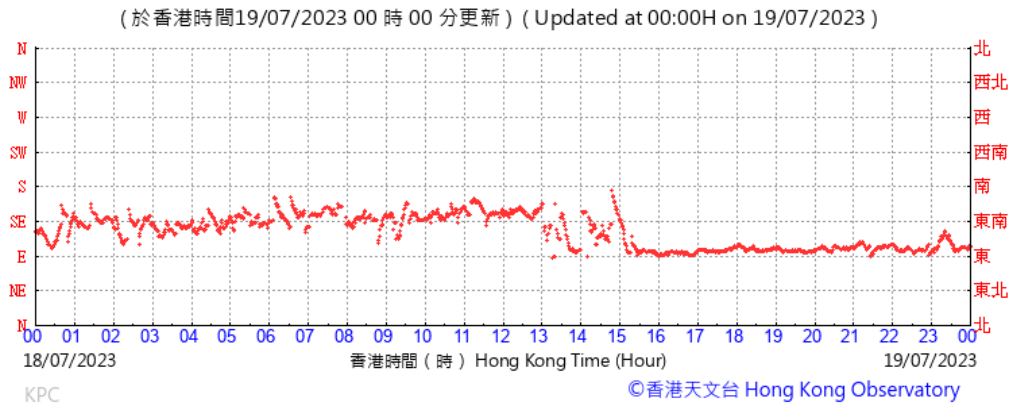
### Wind Direction recorded at King's Park Meteorological Station on 13 July 2023



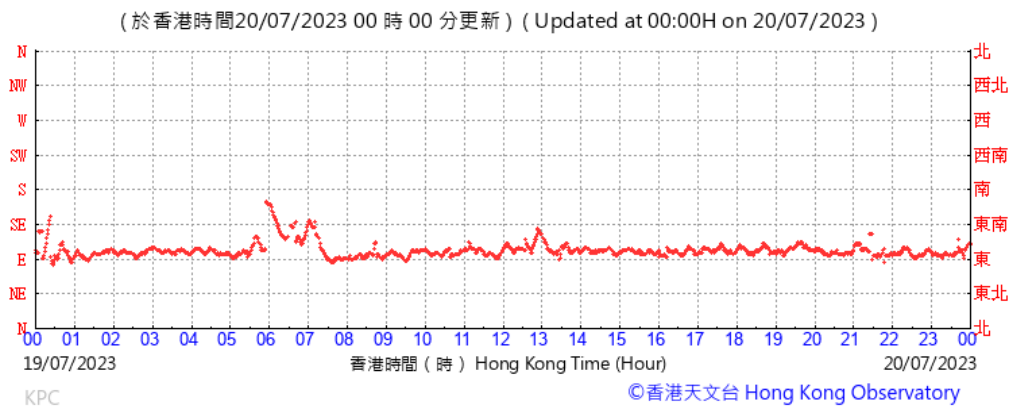
### Wind Direction recorded at King's Park Meteorological Station on 14 July 2023



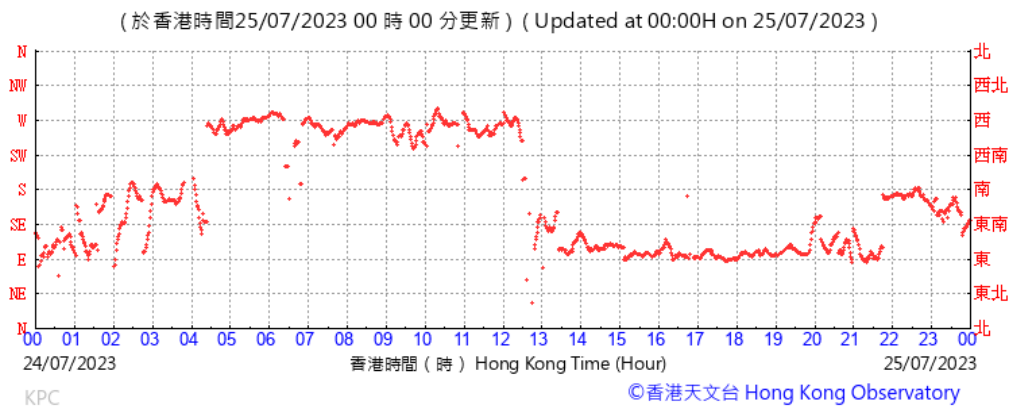
## Wind Direction recorded at King's Park Meteorological Station on 19 July 2023



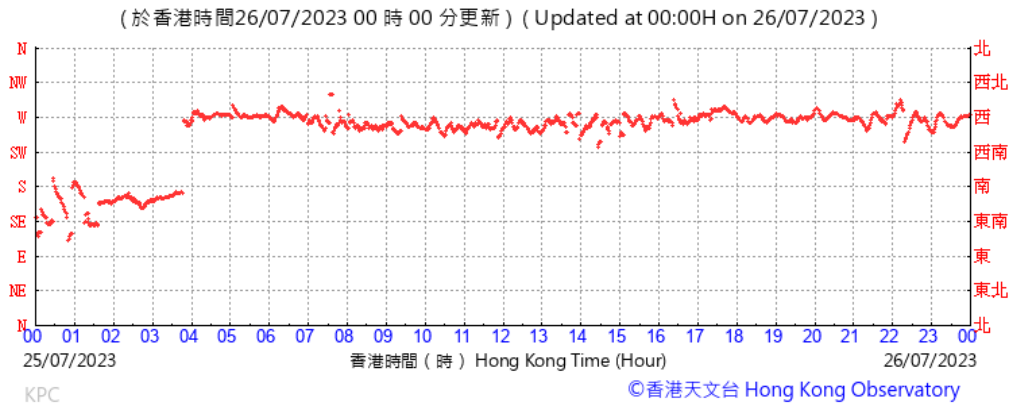
## Wind Direction recorded at King's Park Meteorological Station on 20 July 2023



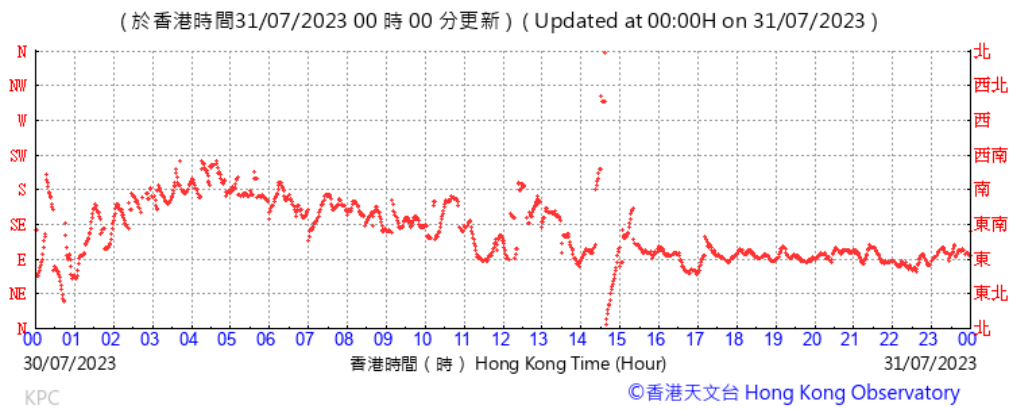
## Wind Direction recorded at King's Park Meteorological Station on 25 July 2023



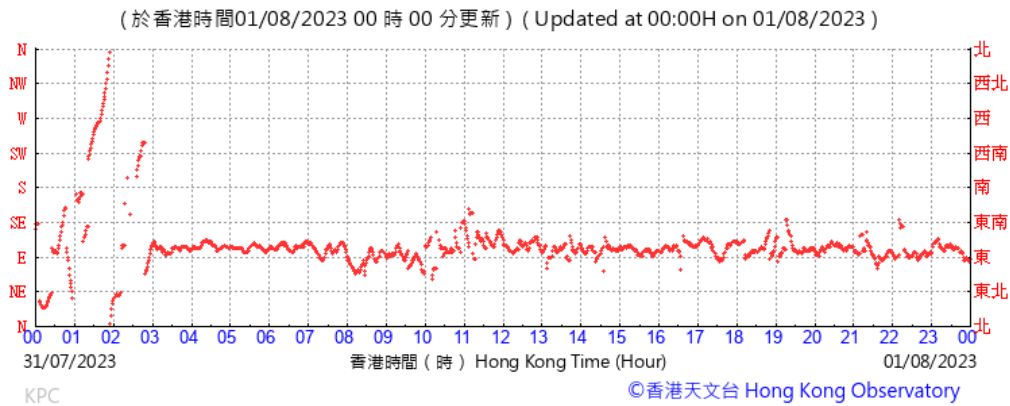
### Wind Direction recorded at King's Park Meteorological Station on 26 July 2023



### Wind Direction recorded at King's Park Meteorological Station on 31 July 2023



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



\*It is noted that the Wind Speed record on 25 July 2023 from Hong Kong Observatory is not available, the Wind Speed record of Kai Tak Meteorological Station is used for alternative.