

Appendix G
Air Quality Monitoring Results

24-hour TSP Monitoring Results at Station E-A14a (Block B, Merit Industrial Centre)

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure (hPa)	Flow Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
3-Jul-23	Fine	28.9	1008.8	1.33	1.33	1.33	1921.0	2.6522	2.6756	0.0234	14466.06	14490.06	24.00	12.2
8-Jul-23	Sunny	30.4	1010.4	1.33	1.33	1.33	1921.0	2.6379	2.6708	0.0329	14490.06	14514.06	24.00	17.1
14-Jul-23	Sunny	31.3	1004.4	1.33	1.33	1.33	1921.0	2.6400	2.6830	0.0430	14514.06	14538.06	24.00	22.4
20-Jul-23	Sunny	29.6	1008.5	1.33	1.33	1.33	1921.0	2.6512	2.6988	0.0476	14538.06	14562.06	24.00	24.8
26-Jul-23	Sunny	32.0	1002.3	1.33	1.33	1.33	1921.0	2.6377	2.7154	0.0777	14562.06	14586.06	24.00	40.4
													Average	23.4
													Minimum	12.2
													Maximum	40.4

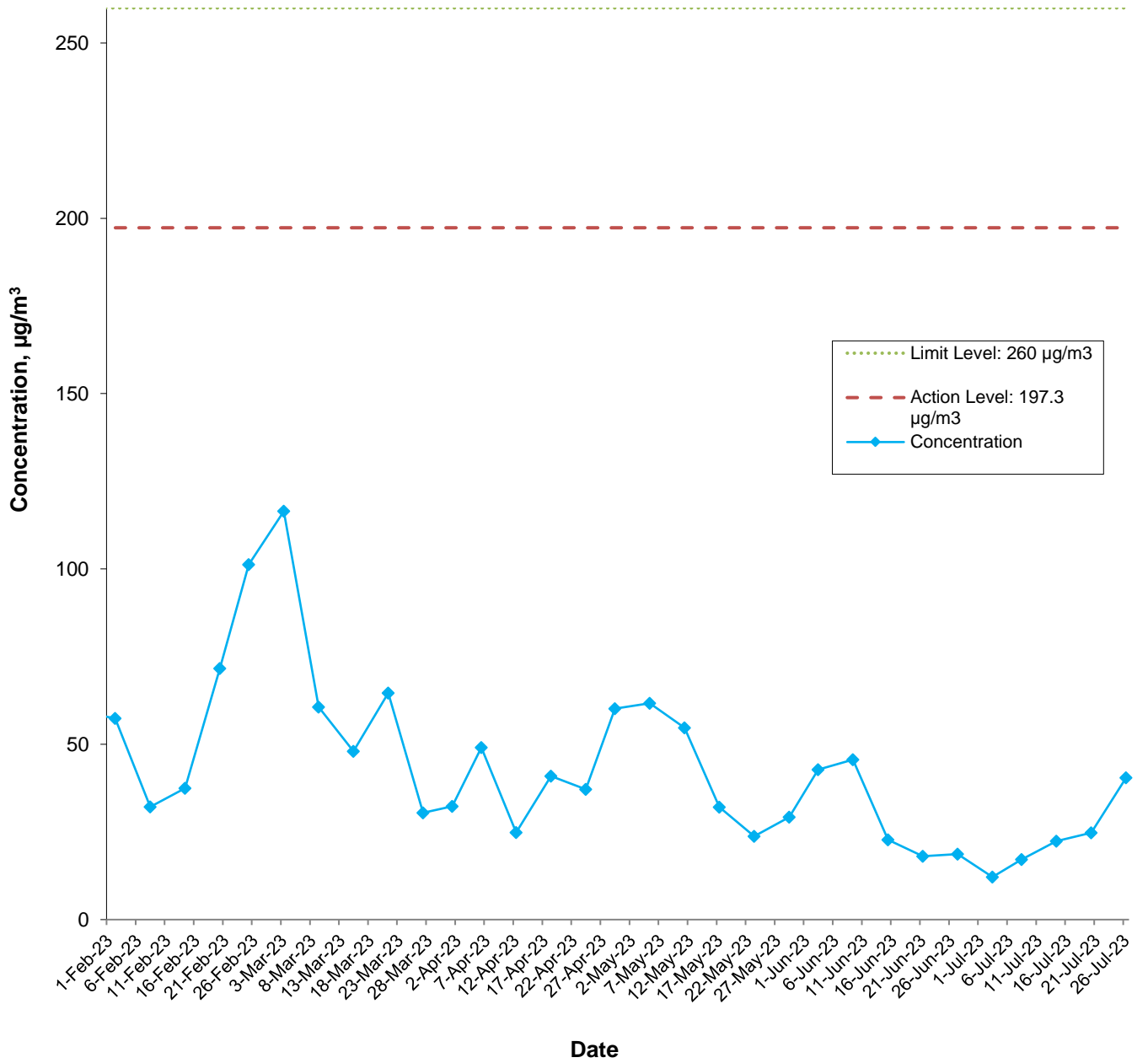
Appendix G

Air Quality Monitoring Results

1-hour TSP Monitoring Results at Station E-A14a (Block B, Merit Industrial Centre)

Date	Start Time	Weather	1st Hour	2nd Hour	3rd Hour
			Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)
3-Jul-23	13:00	Fine	59.5	58.6	59.4
8-Jul-23	13:15	Sunny	63.3	63.6	64.1
14-Jul-23	13:05	Sunny	60.4	59.8	61.1
20-Jul-23	13:00	Sunny	61.0	60.3	61.7
26-Jul-23	13:05	Sunny	63.7	64.0	65.2
				Average	61.7
				Min	58.6
				Max	65.2

E-A14a



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Central Kowloon Route - Kai Tak West (Contract No. HY/2014/07)

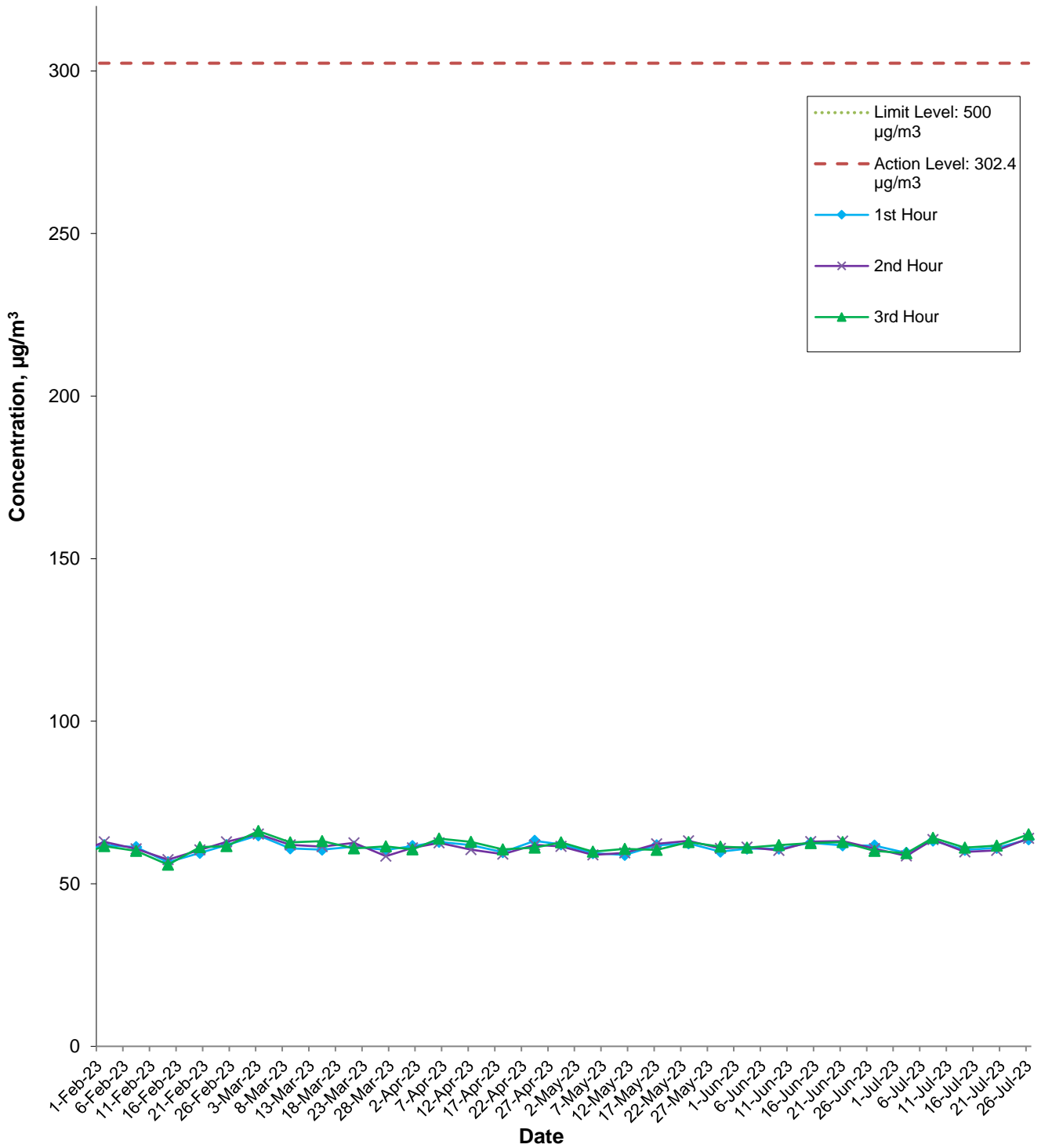


Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: August 2023

Appendix G

E-A14a



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Central Kowloon Route - Kai Tak West (Contract No. HY/2014/07)



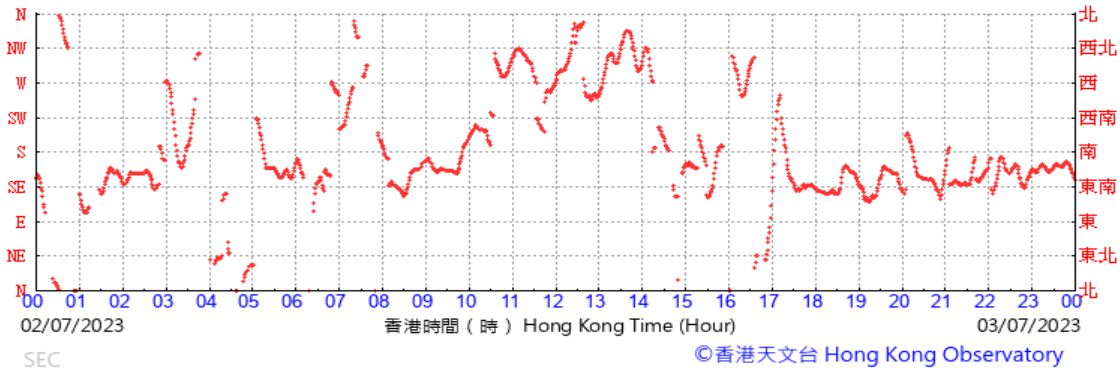
Graphical Presentation of Impact 1-hour TSP Monitoring Results

Date: August 2023

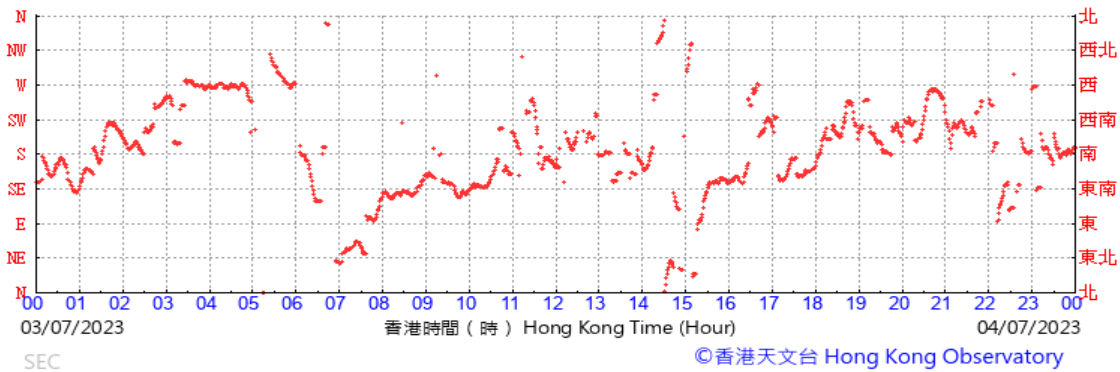
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Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory July 2023

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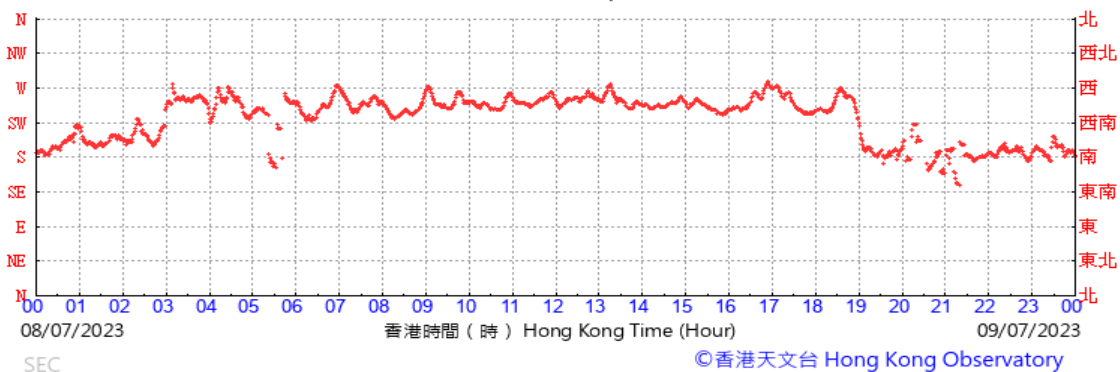
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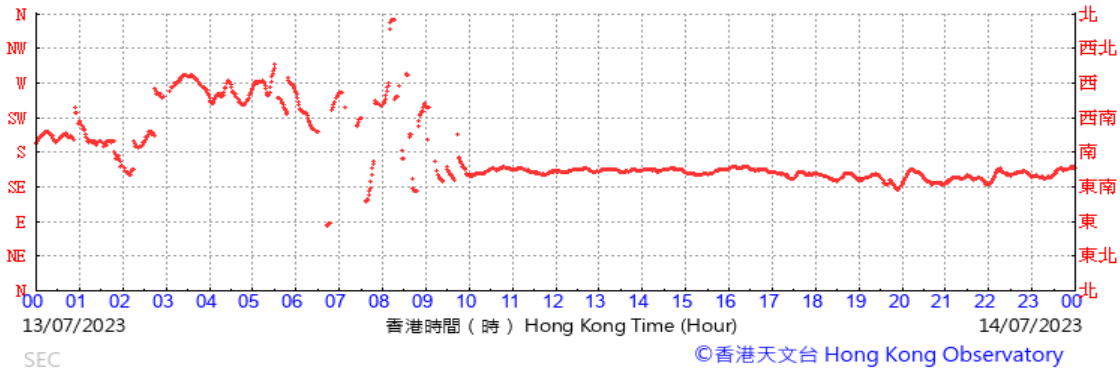


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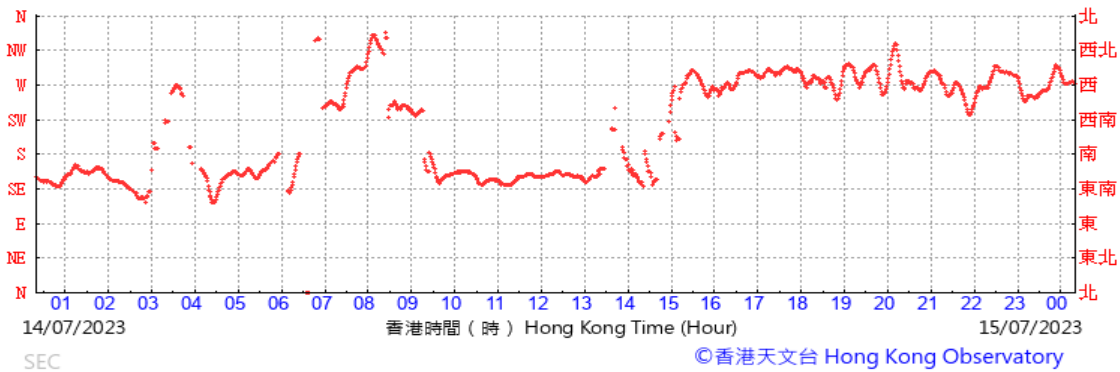


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory July 2023

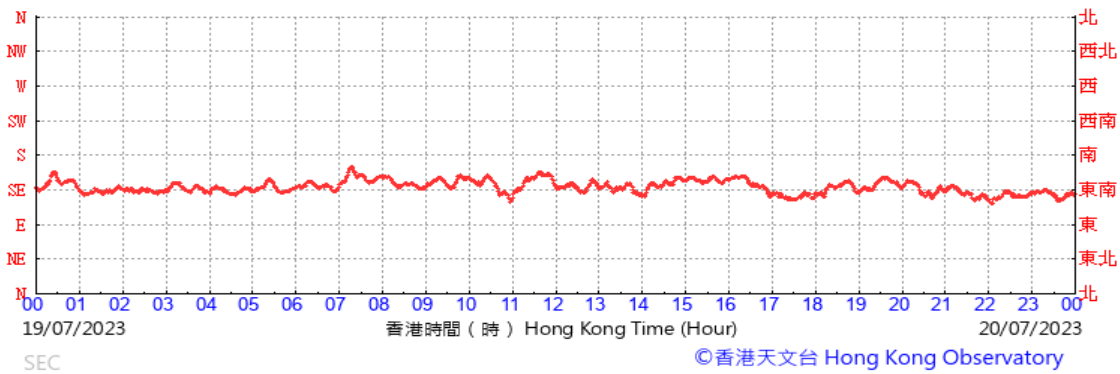
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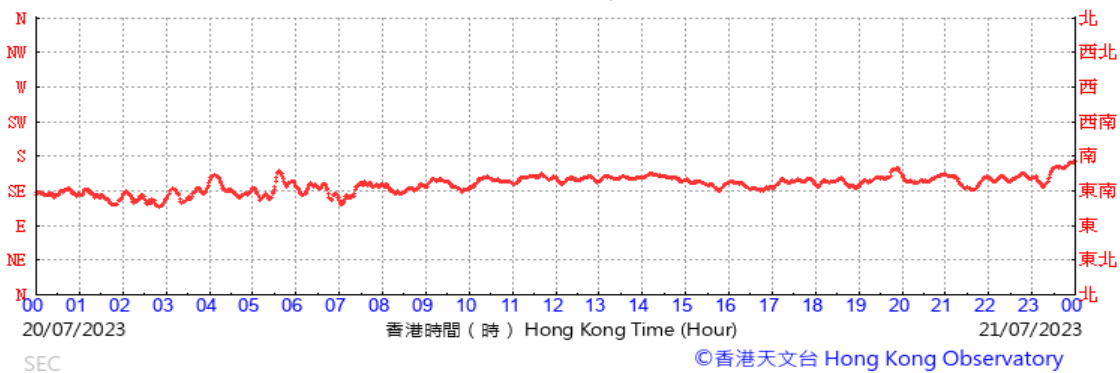
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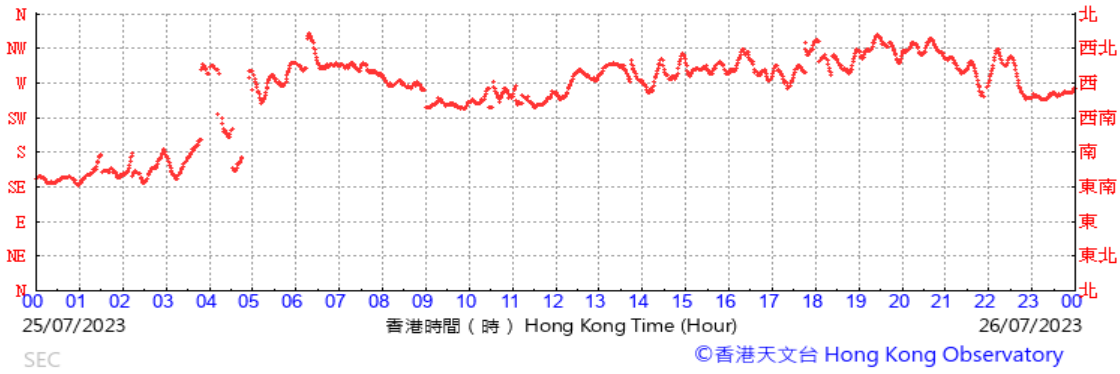


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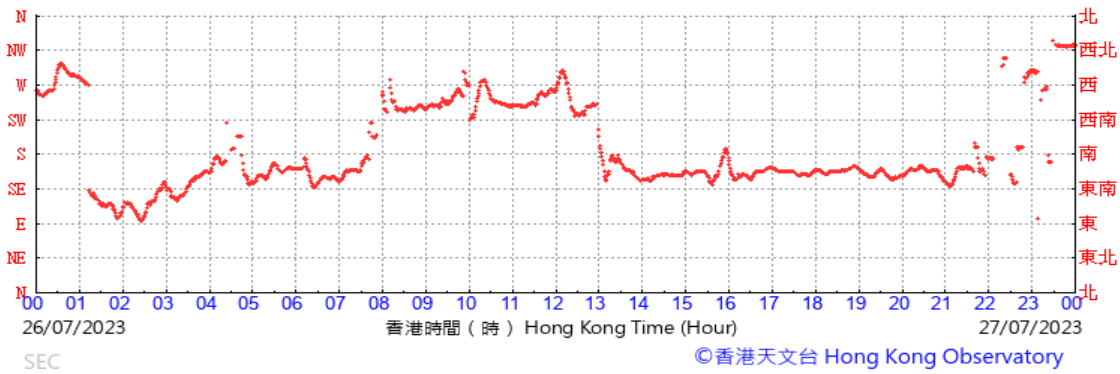


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory July 2023

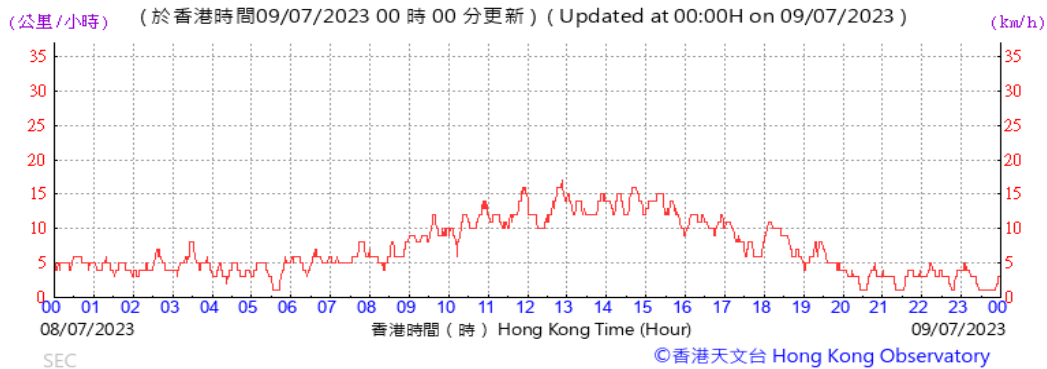
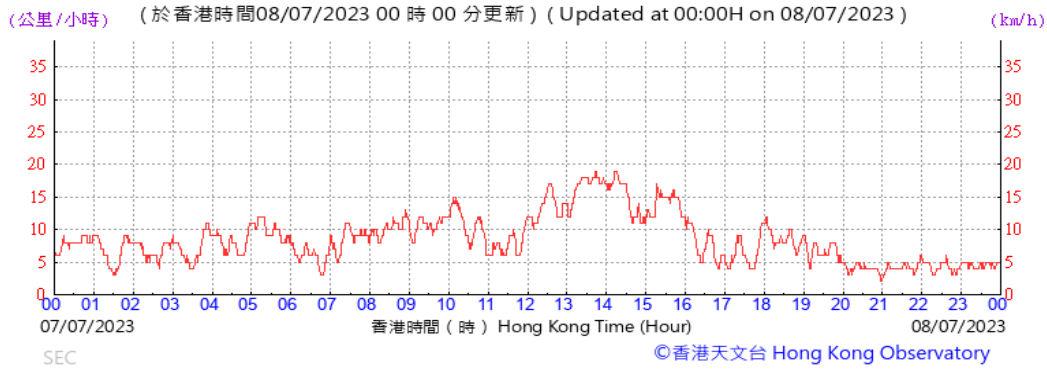
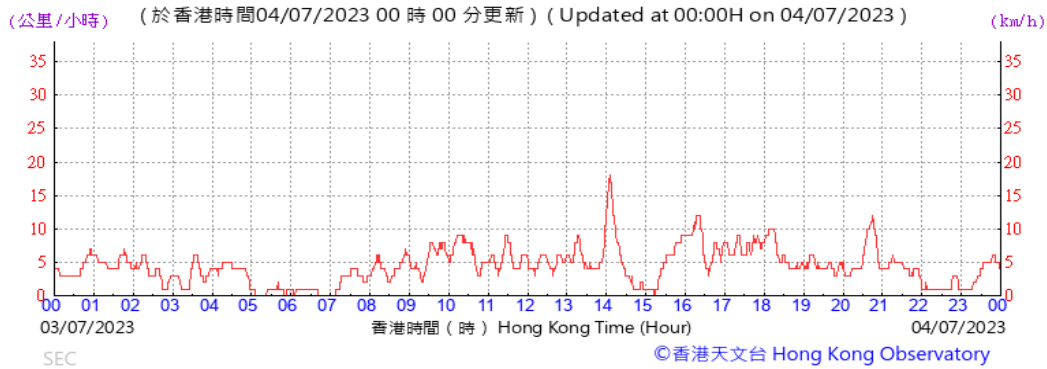
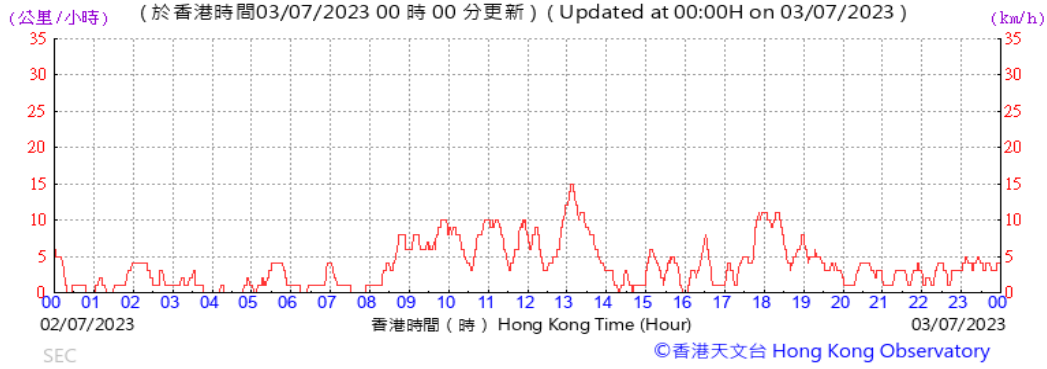
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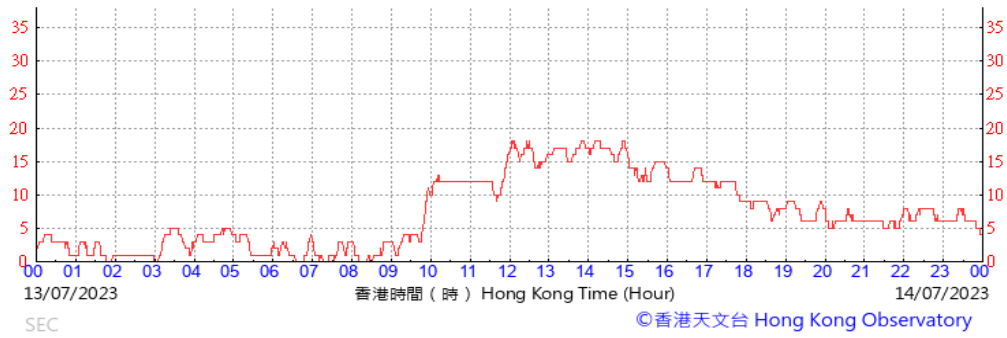


Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory July 2023

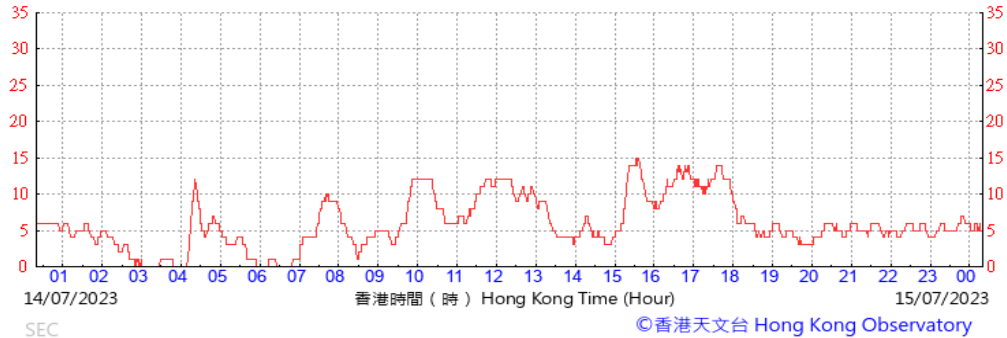


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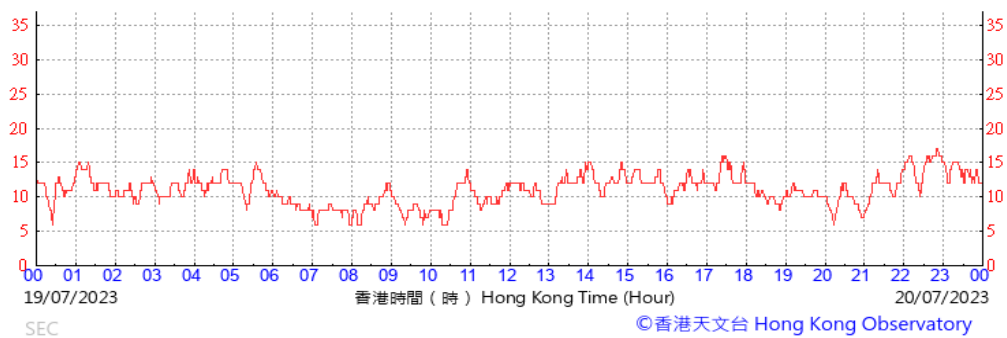
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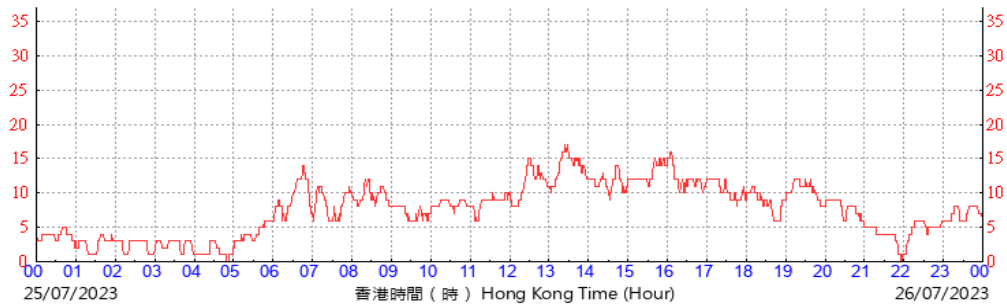


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Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory July 2023

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