

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-Dec-22	Fine	19.2	1017.1	1.33	1.33	1.33	1921.0	2.7833	2.8704	0.0871	13578.26	13602.26	24.00	45.3
9-Dec-22	Sunny	19.6	1015.8	1.33	1.33	1.33	1921.0	2.7710	2.8610	0.0900	13602.26	13626.26	24.00	46.9
15-Dec-22	Rainy	14.6	1017.9	1.33	1.33	1.33	1921.0	2.7834	2.8284	0.0450	13626.26	13650.26	24.00	23.4
20-Dec-22	Sunny	17.1	1019.0	1.33	1.33	1.33	1921.0	2.7982	2.9060	0.1078	13650.26	13674.26	24.00	56.1
23-Dec-22	Sunny	17.1	1019.0	1.33	1.33	1.33	1921.0	2.8049	2.8896	0.0847	13650.26	13674.26	24.00	44.1
29-Dec-22	Sunny	16.8	1024.2	1.33	1.33	1.33	1921.0	2.7843	2.9359	0.1516	13674.26	13698.26	24.00	78.9
													Average	49.1
													Minimum	23.4
													Maximum	78.9

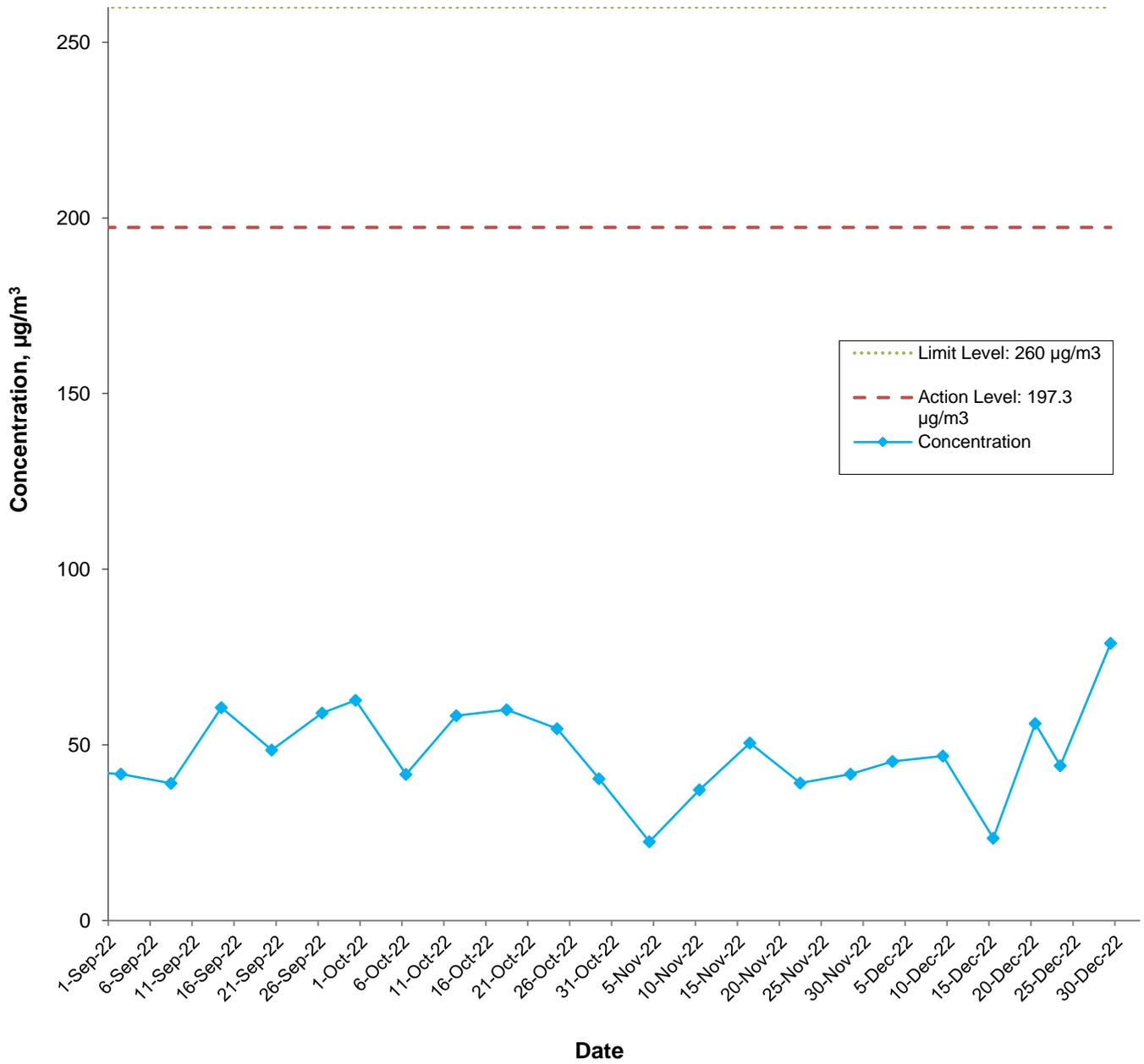
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Air Quality Monitoring Results

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-Dec-22	13:25	Fine	62.7	63.1	62.1
9-Dec-22	13:05	Sunny	59.8	58.6	60.5
15-Dec-22	13:00	Cloudy	58.8	59.1	60.4
20-Dec-22	13:00	Sunny	61.5	63.3	64.7
23-Dec-22	13:00	Sunny	60.6	61.8	60.2
29-Dec-22	10:50	Sunny	58.8	60.7	61.1
				Average	61.0
				Min	58.6
				Max	64.7

E-A14a



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

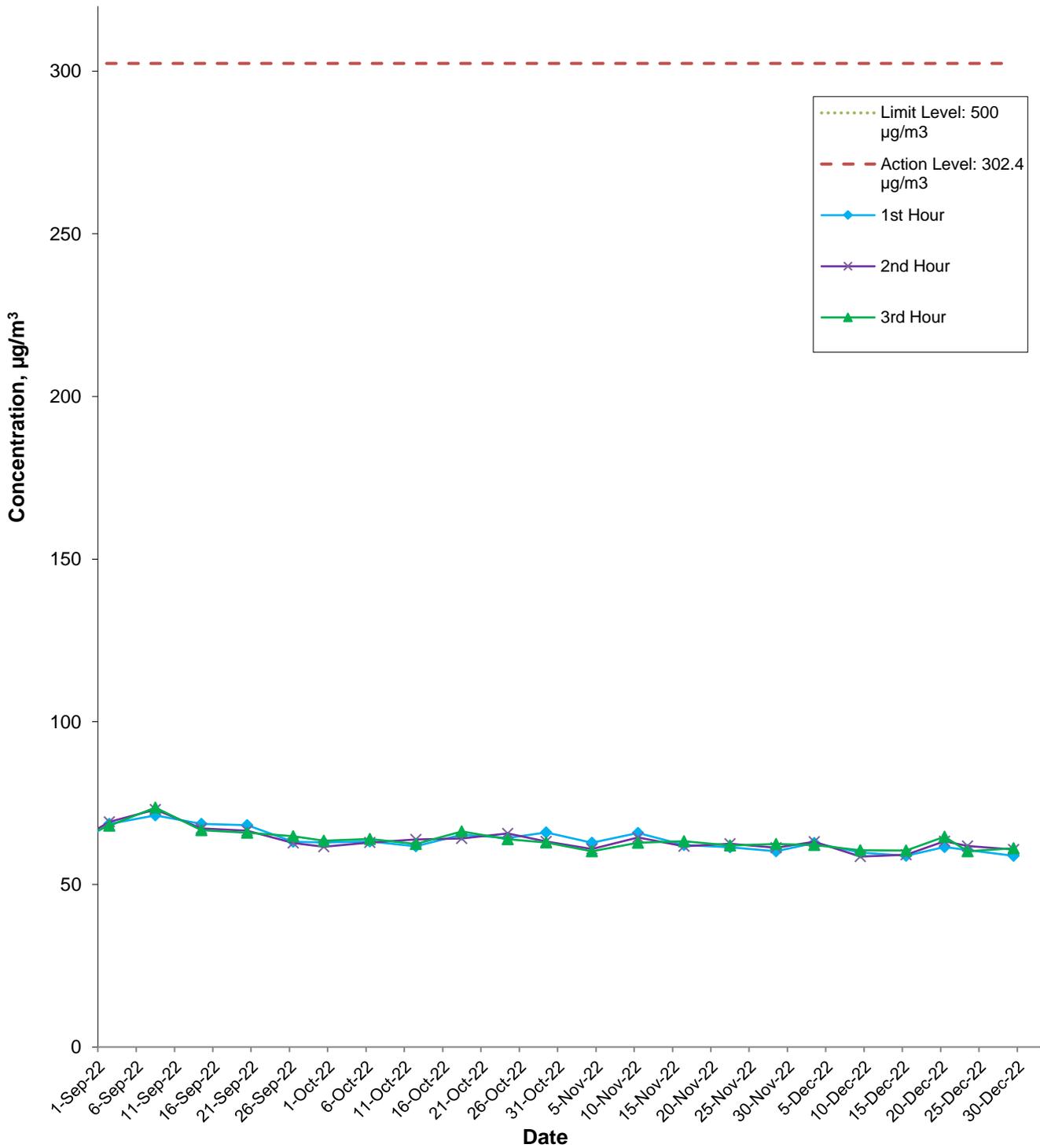


Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: January 2023

Appendix G

E-A14a



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



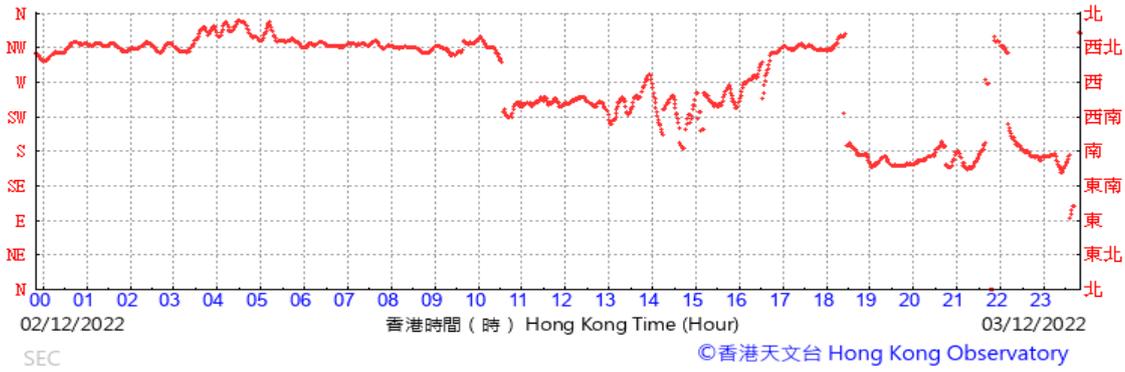
Graphical Presentation of Impact 1-hour TSP Monitoring Results

Date: January 2023

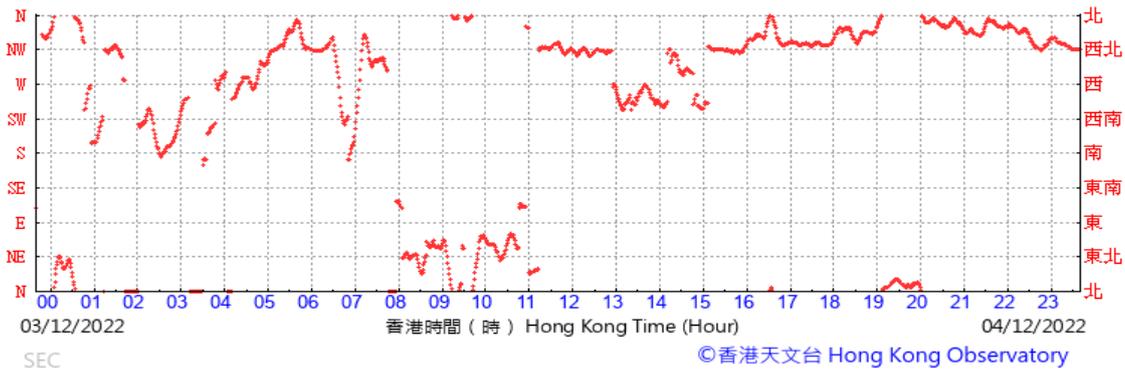
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Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory December 2022

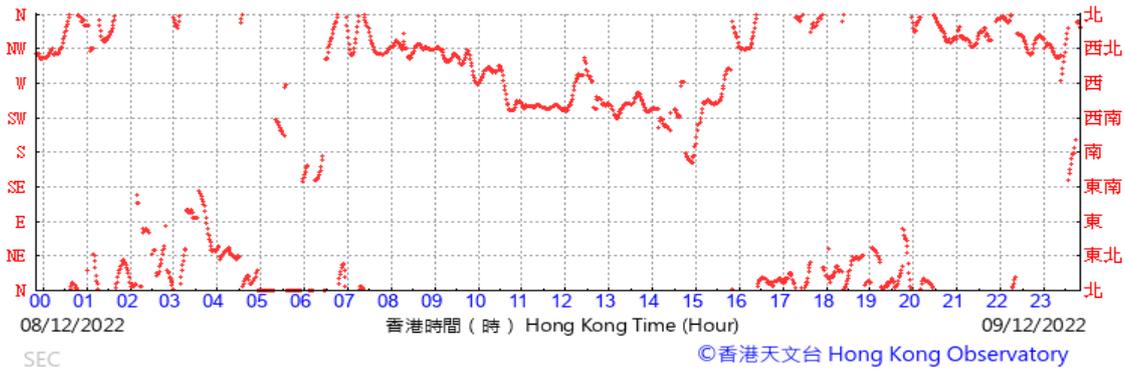
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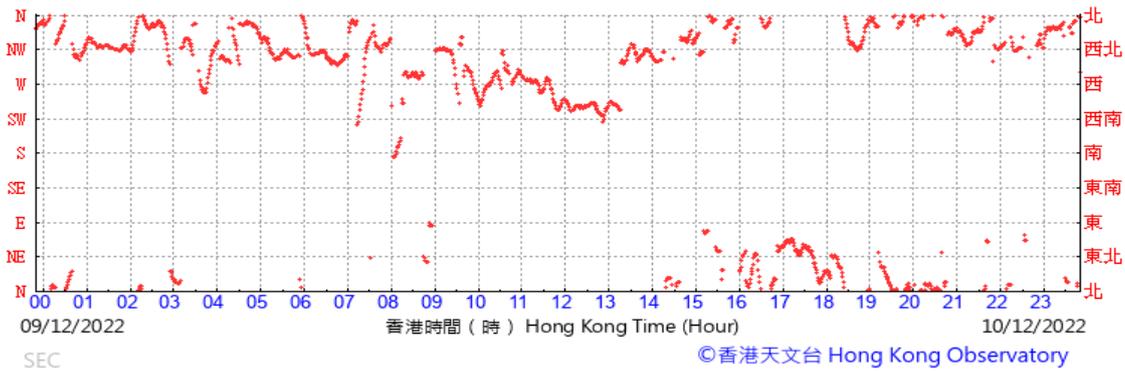
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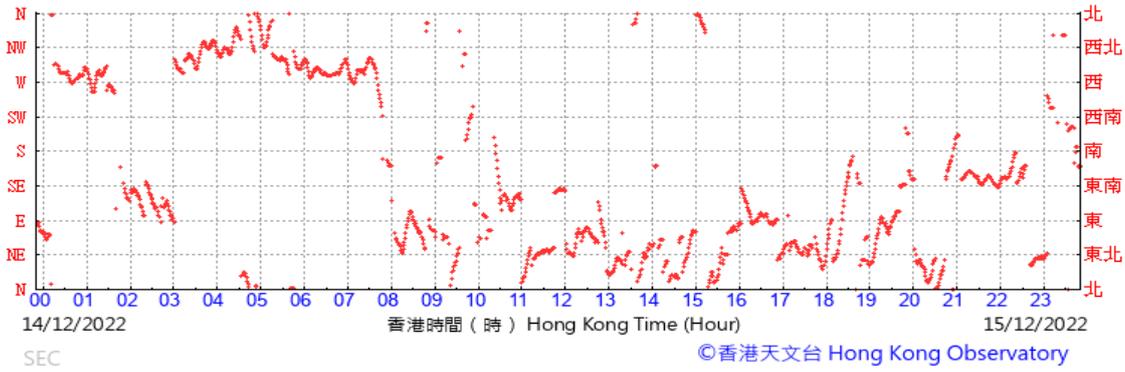


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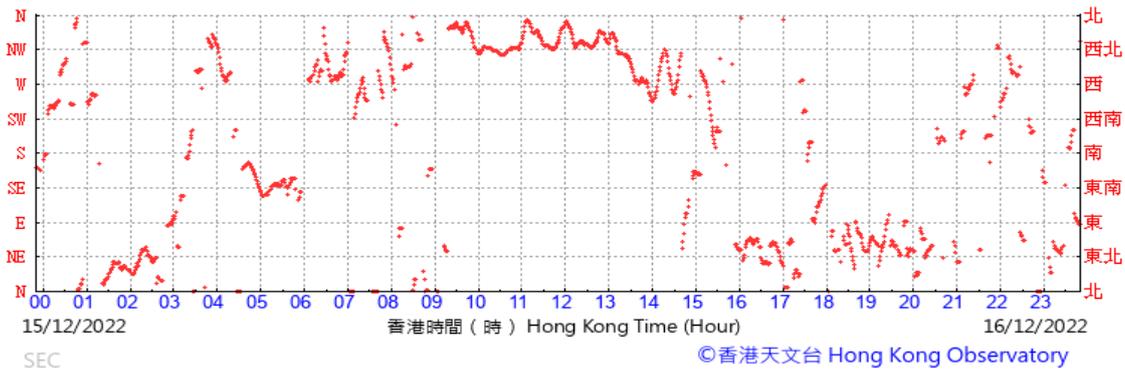


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory December 2022

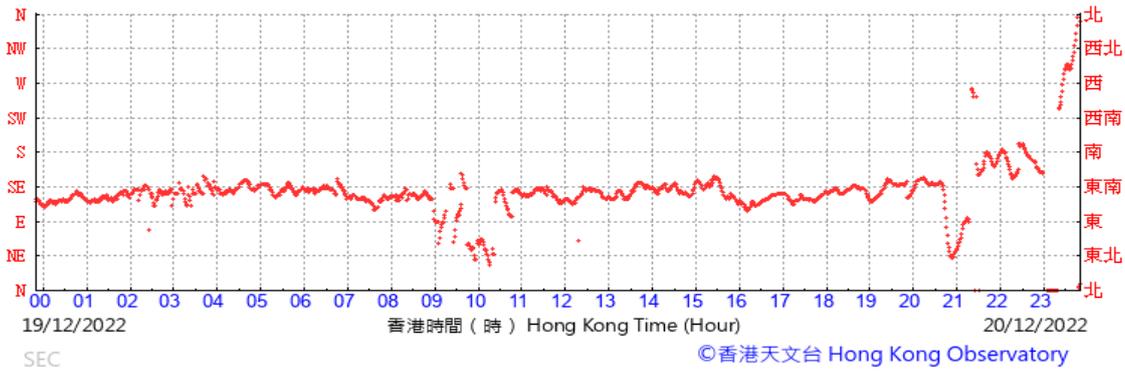
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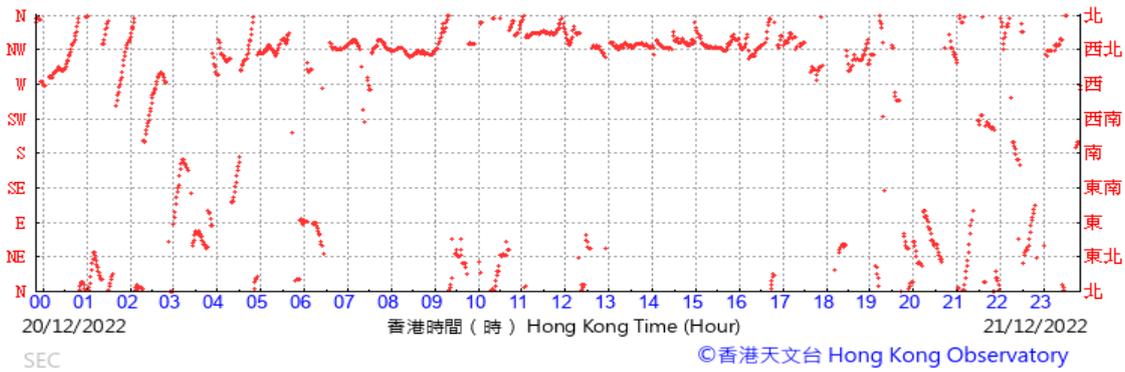
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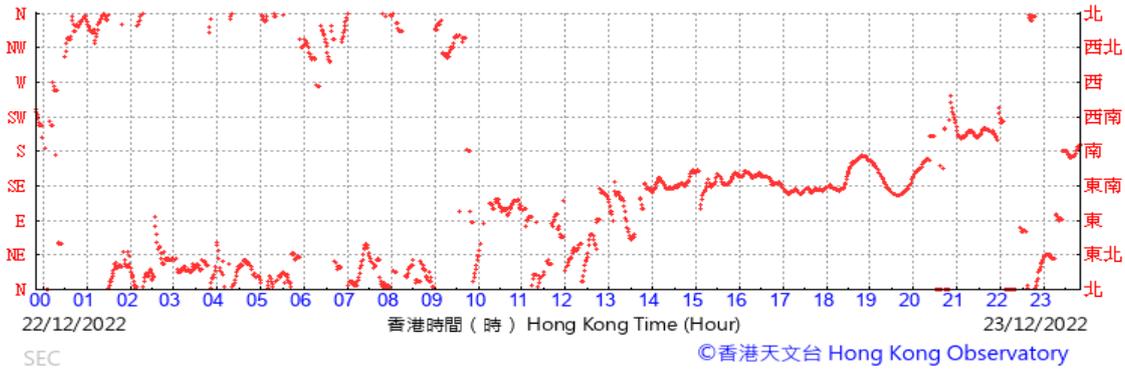


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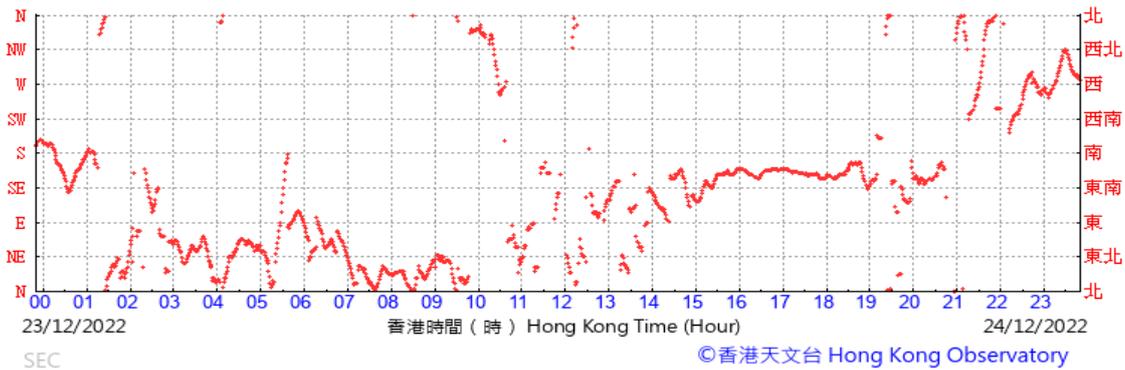


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory December 2022

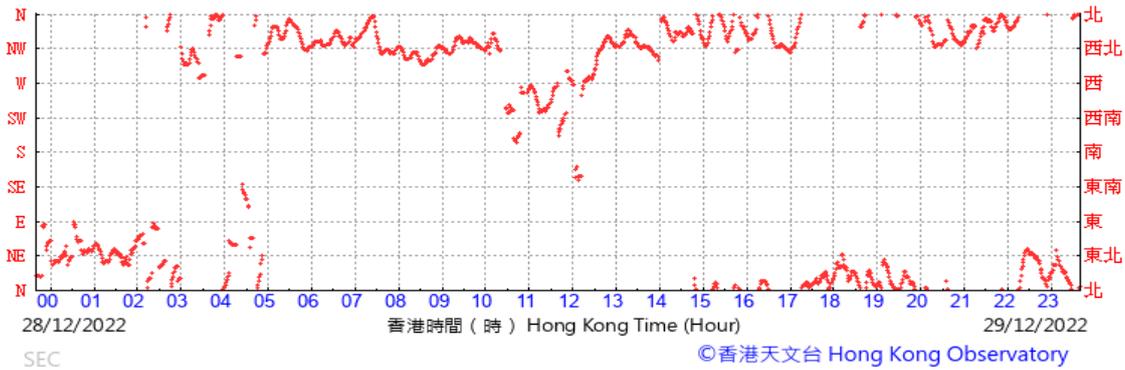
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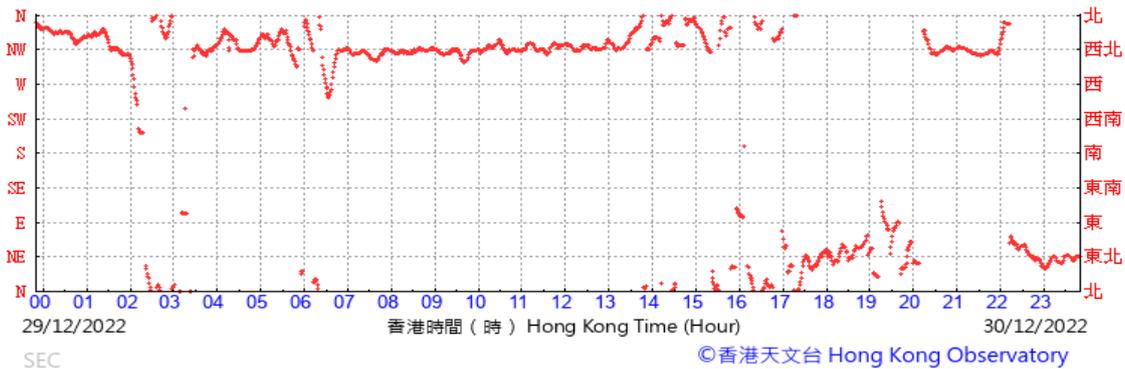
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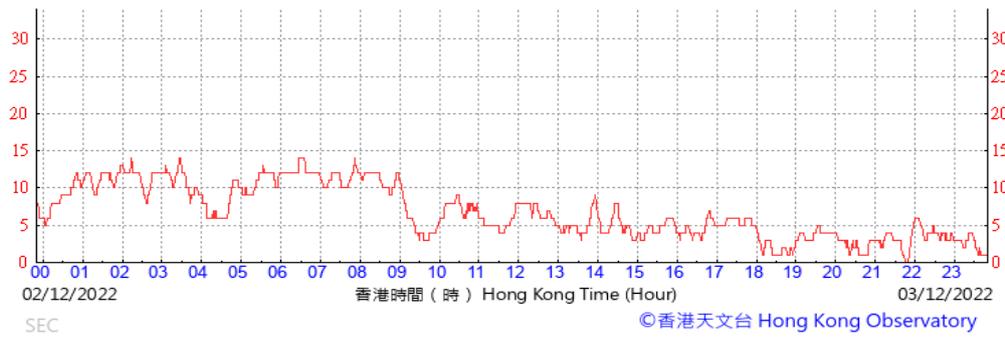


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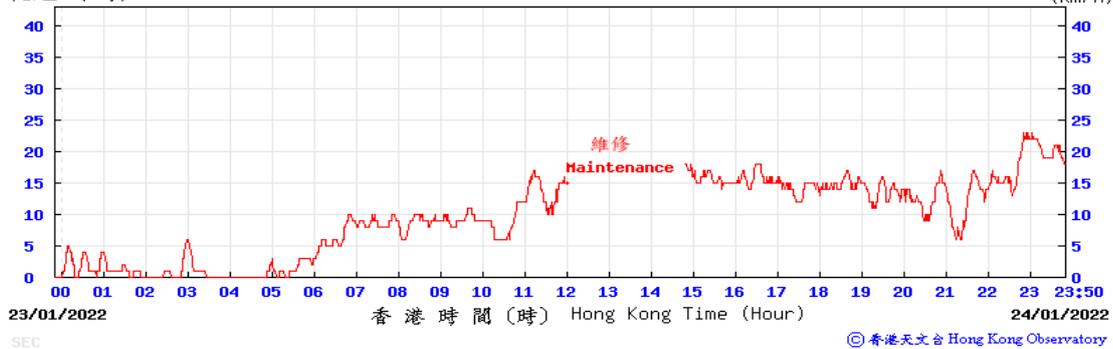


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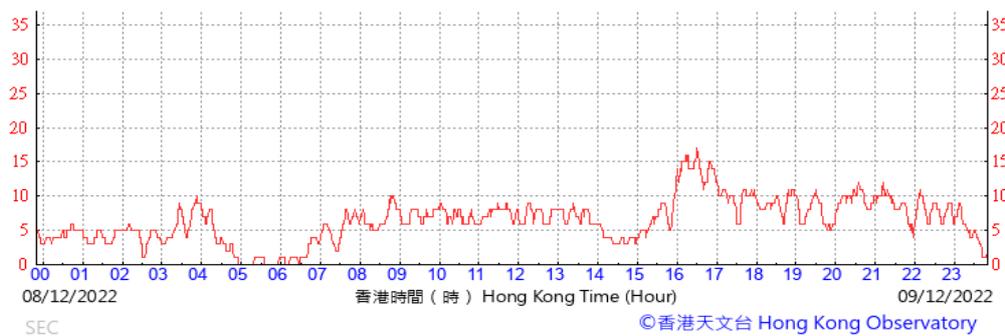
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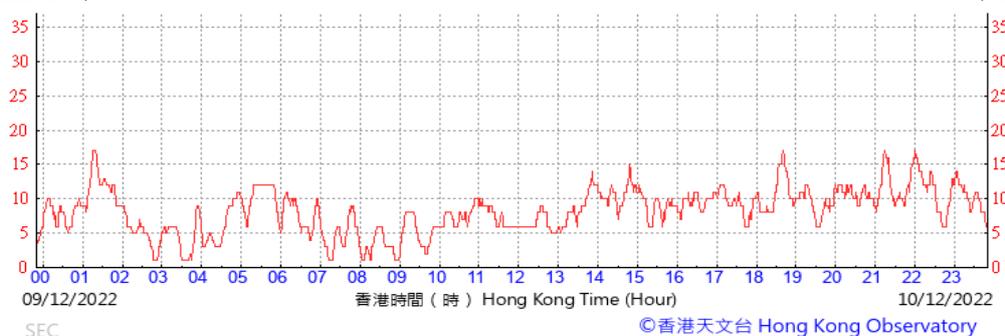
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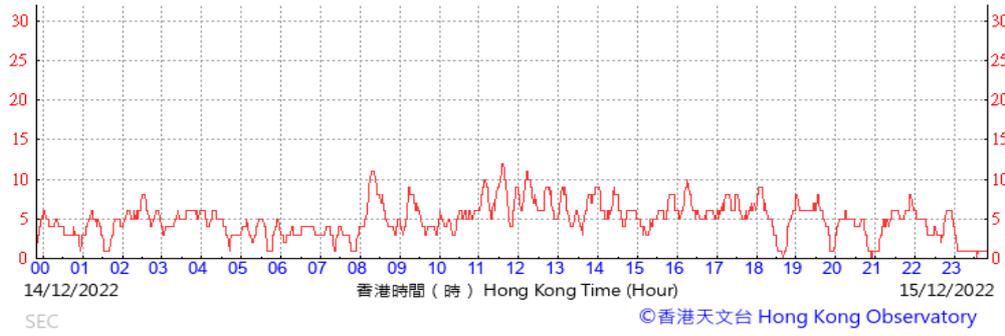


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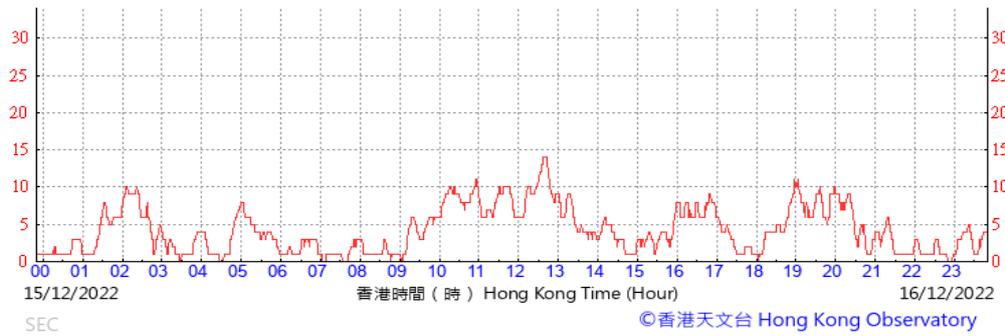


Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory December 2022

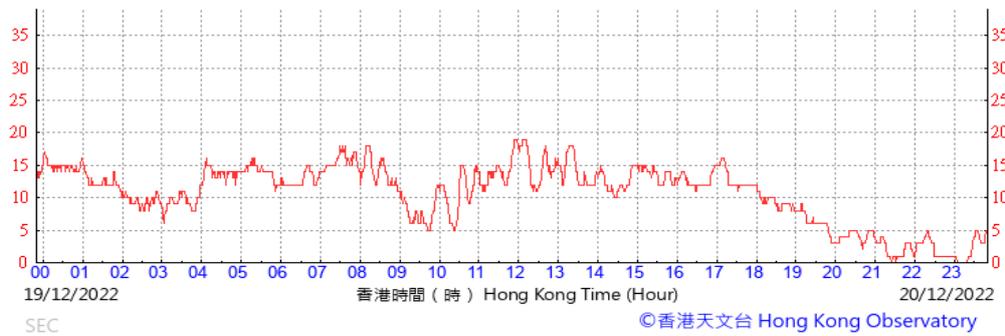
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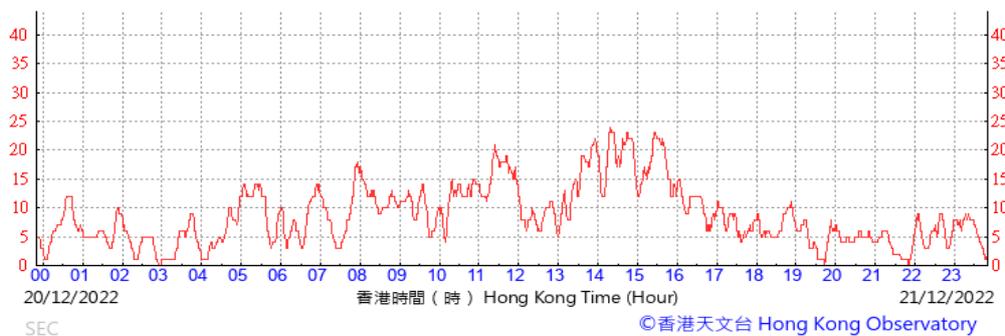
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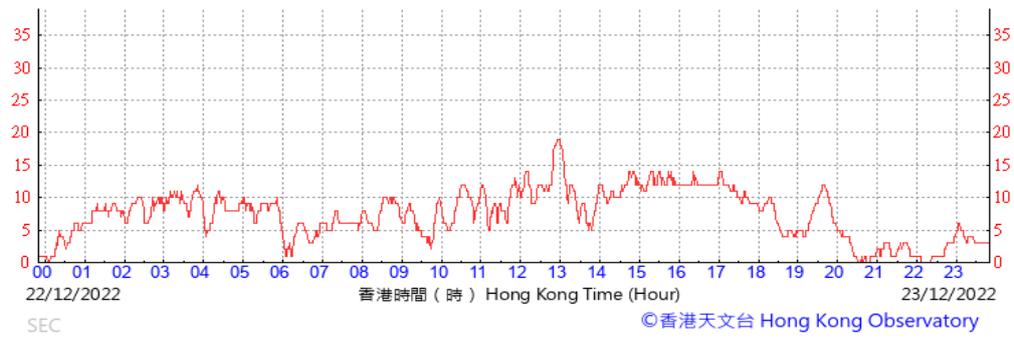


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Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory December 2022

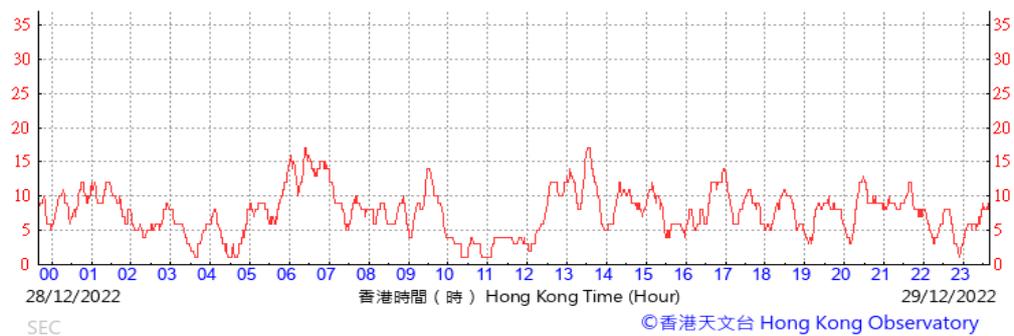
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