

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		
5-May-23	Sunny	27.5	1005.8	1.33	1.33	1.33	1921.0	2.7675	2.8860	0.1185	14226.06	14250.06	24.00	61.7
11-May-23	Sunny	23.9	1014.7	1.33	1.33	1.33	1921.0	2.7650	2.8700	0.1050	14250.06	14274.06	24.00	54.7
17-May-23	Cloudy	26.9	1007.9	1.33	1.33	1.33	1921.0	2.7660	2.8276	0.0616	14274.06	14298.06	24.00	32.1
23-May-23	Fine	26.9	1009.1	1.33	1.33	1.33	1921.0	2.7630	2.8086	0.0456	14298.06	14322.06	24.00	23.7
29-May-23	Sunny	28.9	1008.0	1.33	1.33	1.33	1921.0	2.7759	2.8320	0.0561	14322.06	14346.06	24.00	29.2
													Average	40.3
													Minimum	23.7
													Maximum	61.7

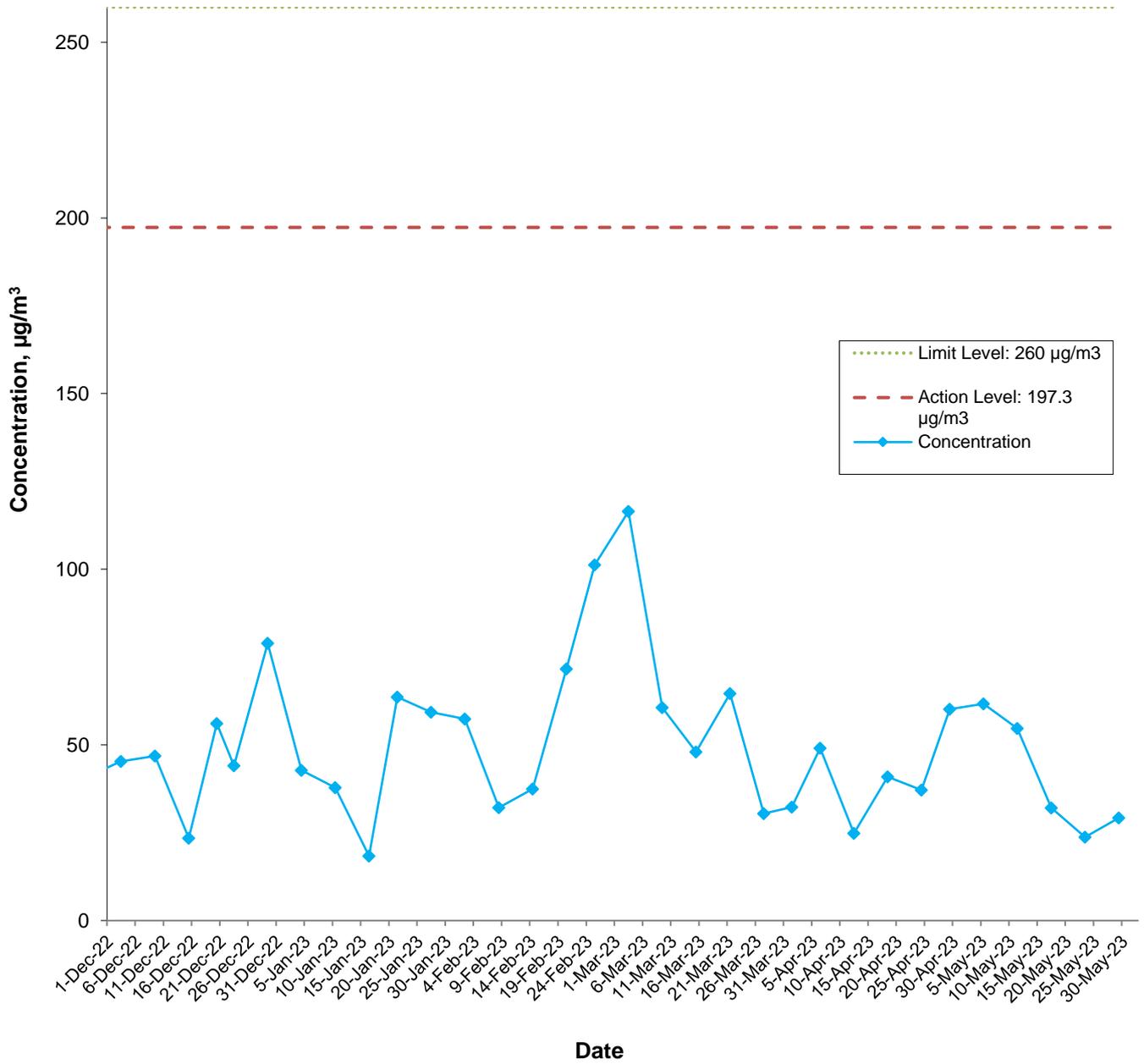
Appendix G

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. ($\mu\text{g}/\text{m}^3$)
5-May-23	13:00	Sunny	59.4	58.9	59.9
11-May-23	13:05	Sunny	58.9	59.5	60.7
17-May-23	14:05	Cloudy	61.8	62.3	60.4
23-May-23	10:20	Fine	62.4	63.2	62.8
29-May-23	13:00	Sunny	59.9	60.9	61.4
				Average	60.8
				Min	58.9
				Max	63.2

E-A14a



This Drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent.

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

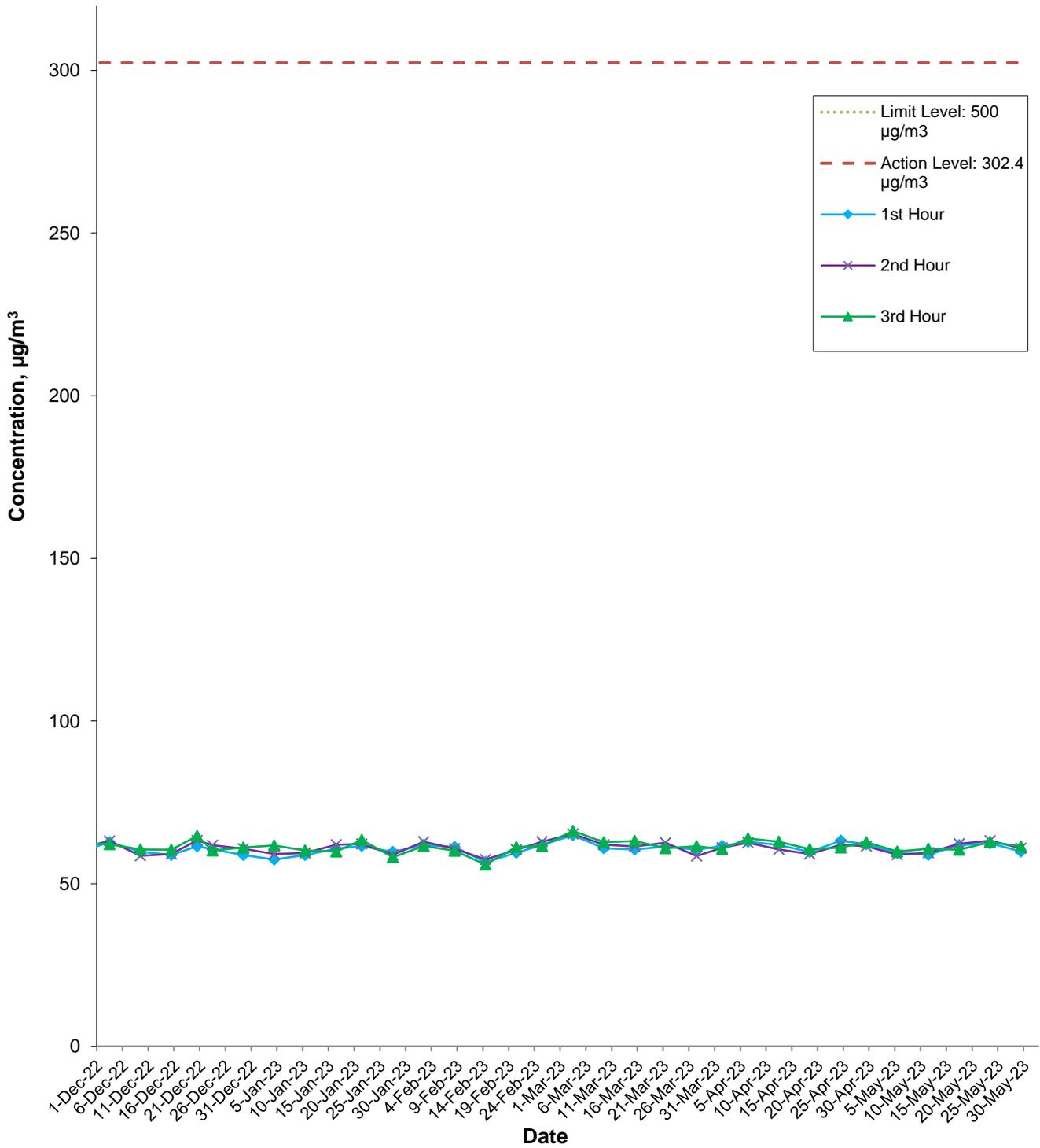


Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: June 2023

Appendix G

E-A14a



This Drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent.

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



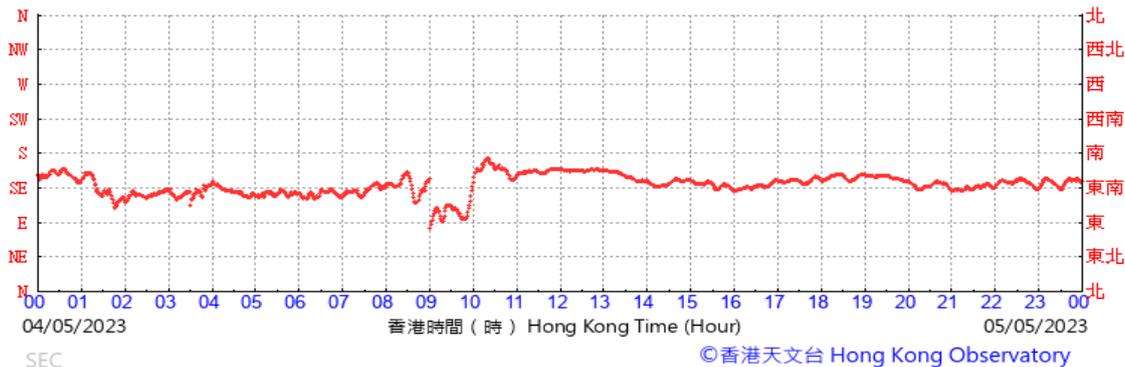
Graphical Presentation of Impact 1-hour TSP Monitoring Results

Date: June 2023

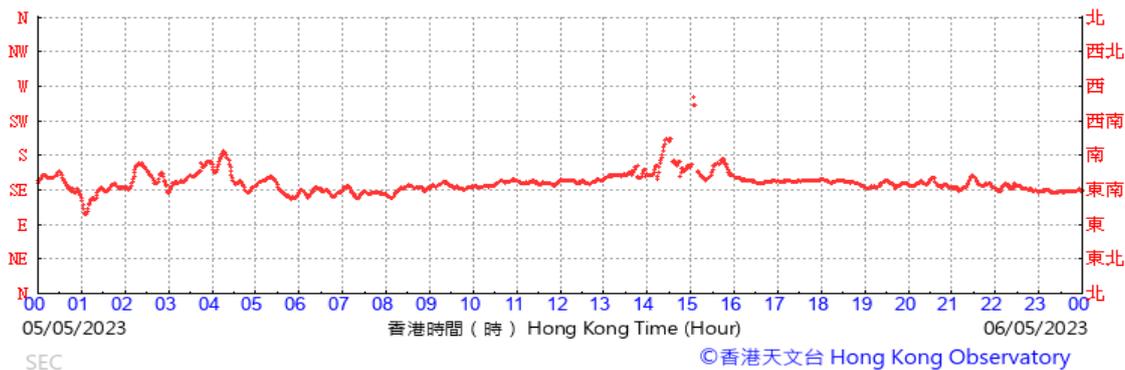
Appendix G

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

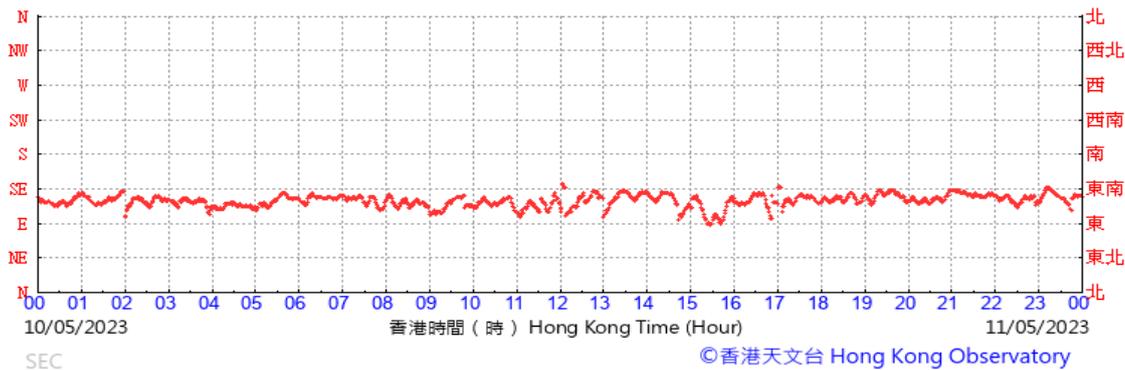
(於香港時間05/05/2023 00 時 00 分更新) (Updated at 00:00H on 05/05/2023)



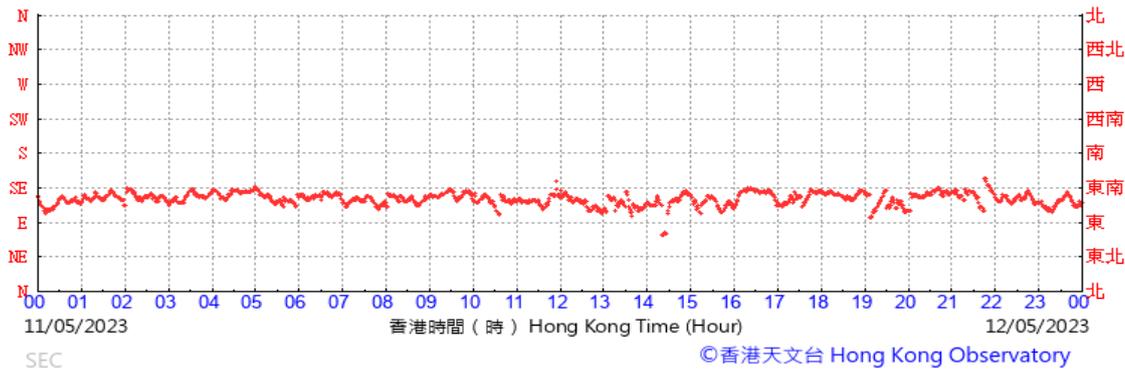
(於香港時間06/05/2023 00 時 00 分更新) (Updated at 00:00H on 06/05/2023)



(於香港時間11/05/2023 00 時 00 分更新) (Updated at 00:00H on 11/05/2023)

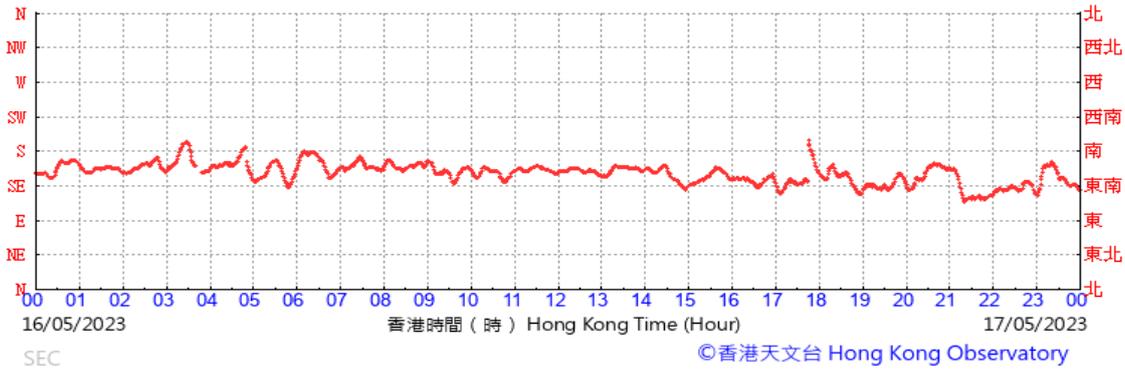


(於香港時間12/05/2023 00 時 00 分更新) (Updated at 00:00H on 12/05/2023)

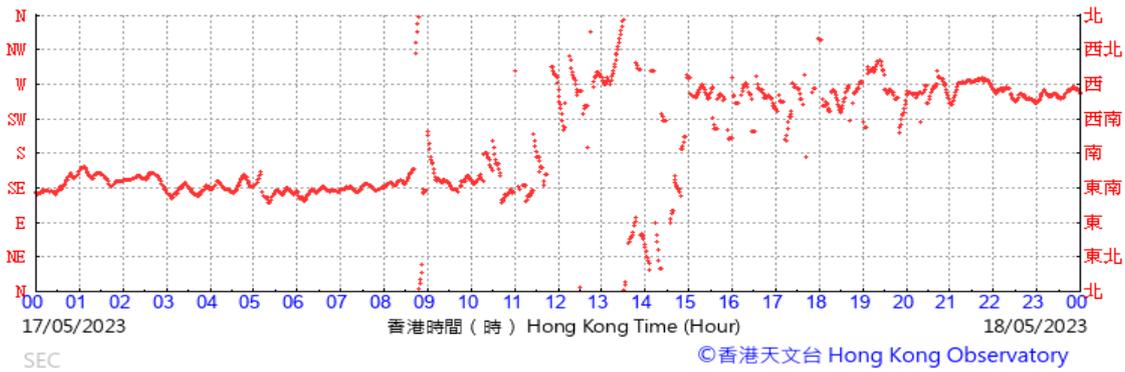


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory May 2023

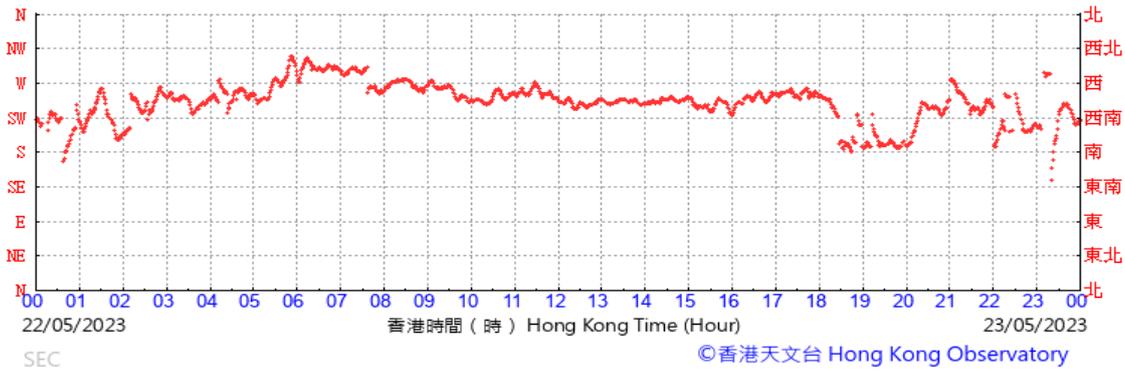
(於香港時間17/05/2023 00 時 00 分更新) (Updated at 00:00H on 17/05/2023)



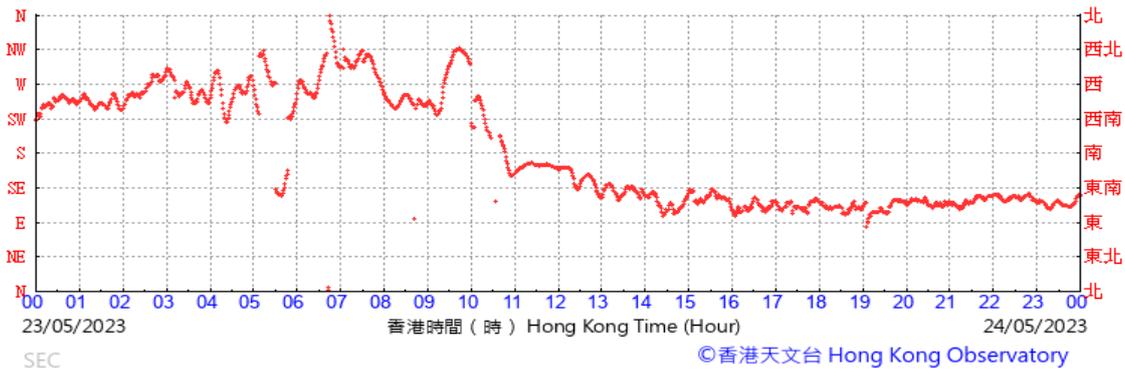
(於香港時間18/05/2023 00 時 00 分更新) (Updated at 00:00H on 18/05/2023)



(於香港時間23/05/2023 00 時 00 分更新) (Updated at 00:00H on 23/05/2023)

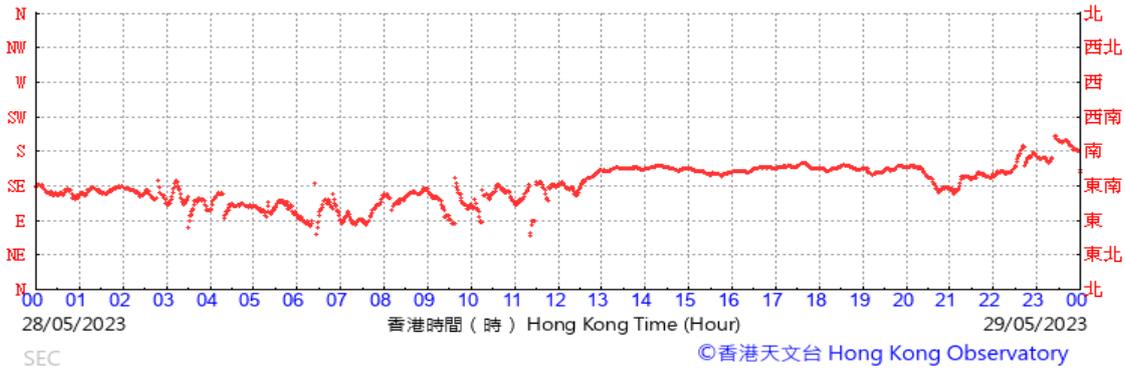


(於香港時間24/05/2023 00 時 00 分更新) (Updated at 00:00H on 24/05/2023)

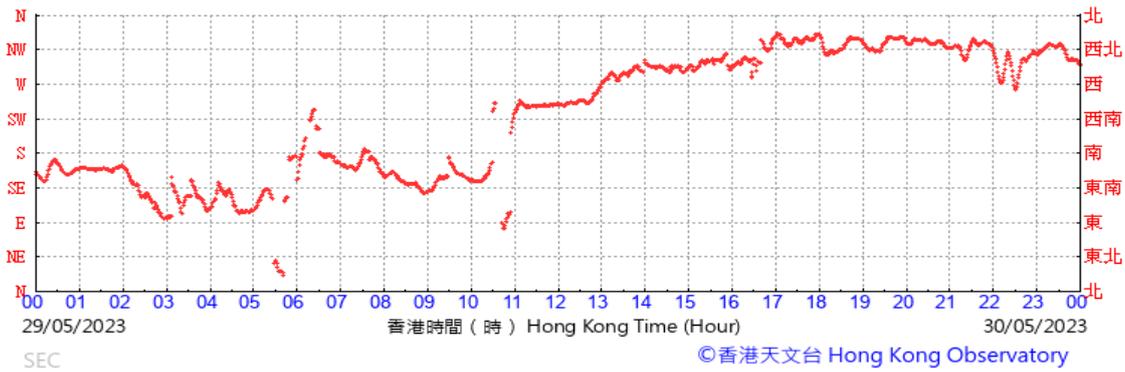


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory May 2023

(於香港時間29/05/2023 00時00分更新) (Updated at 00:00H on 29/05/2023)

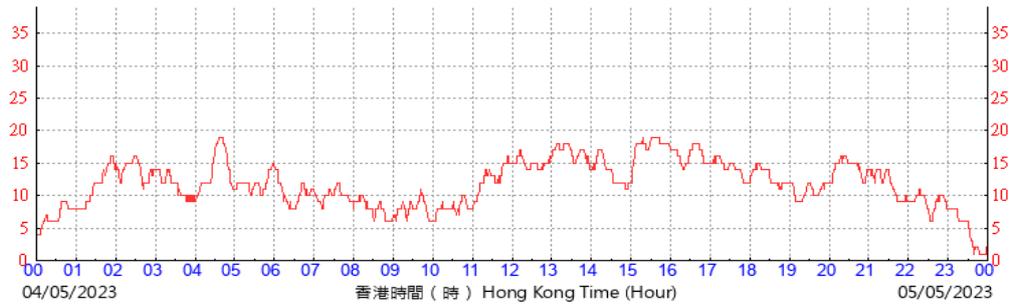


(於香港時間30/05/2023 00時00分更新) (Updated at 00:00H on 30/05/2023)



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

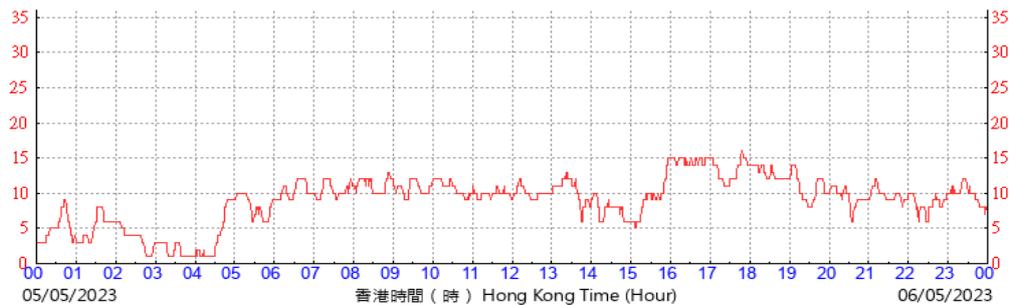
(公里/小時) (於香港時間05/05/2023 00時00分更新) (Updated at 00:00H on 05/05/2023) (km/h)



SEC

©香港天文台 Hong Kong Observatory

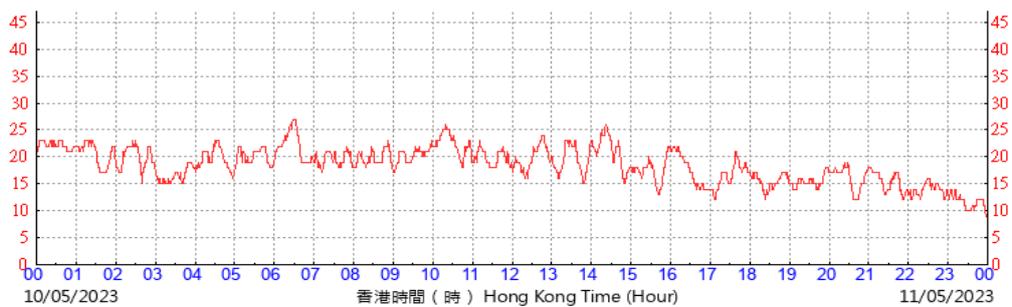
(公里/小時) (於香港時間06/05/2023 00時00分更新) (Updated at 00:00H on 06/05/2023) (km/h)



SEC

©香港天文台 Hong Kong Observatory

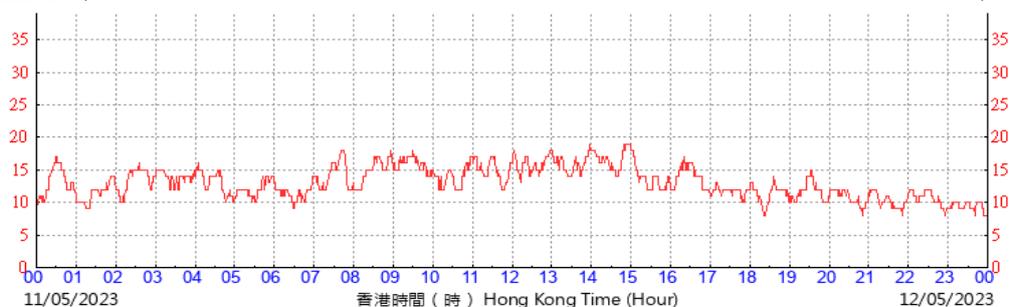
(公里/小時) (於香港時間11/05/2023 00時00分更新) (Updated at 00:00H on 11/05/2023) (km/h)



SEC

©香港天文台 Hong Kong Observatory

(公里/小時) (於香港時間12/05/2023 00時00分更新) (Updated at 00:00H on 12/05/2023) (km/h)

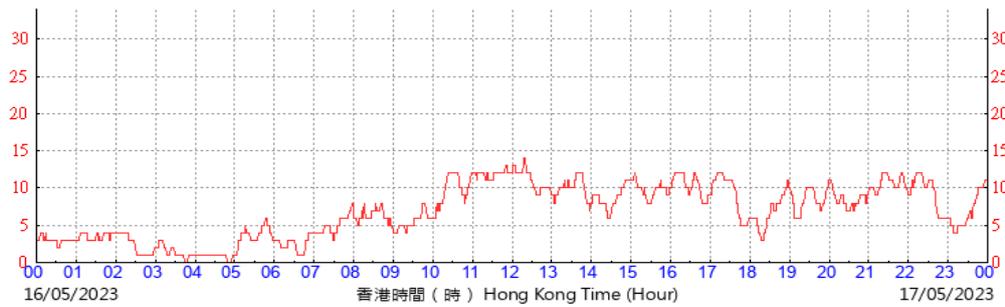


SEC

©香港天文台 Hong Kong Observatory

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

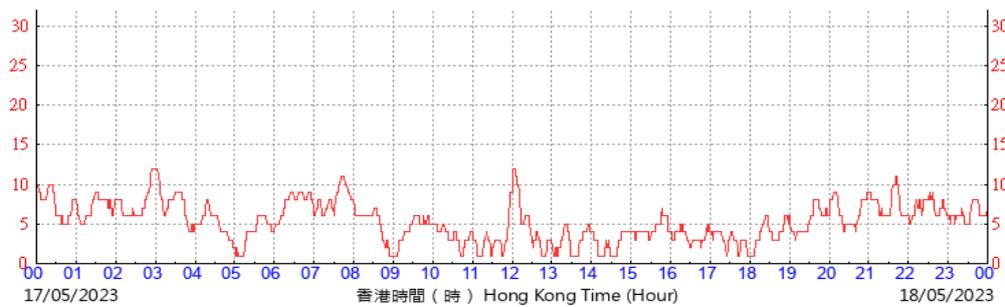
(公里/小時) (於香港時間17/05/2023 00時00分更新) (Updated at 00:00H on 17/05/2023) (km/h)



SEC

©香港天文台 Hong Kong Observatory

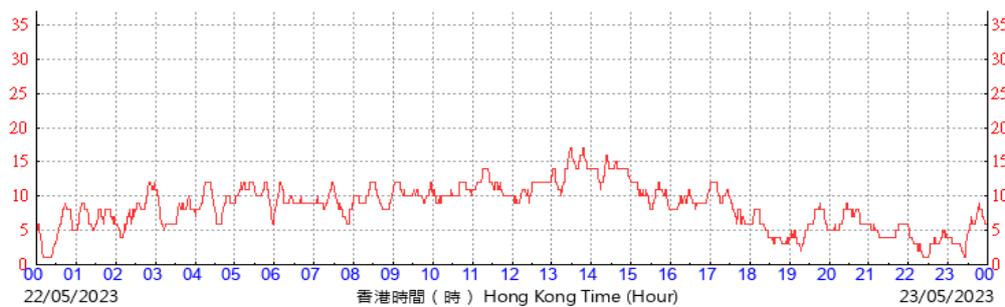
(公里/小時) (於香港時間18/05/2023 00時00分更新) (Updated at 00:00H on 18/05/2023) (km/h)



SEC

©香港天文台 Hong Kong Observatory

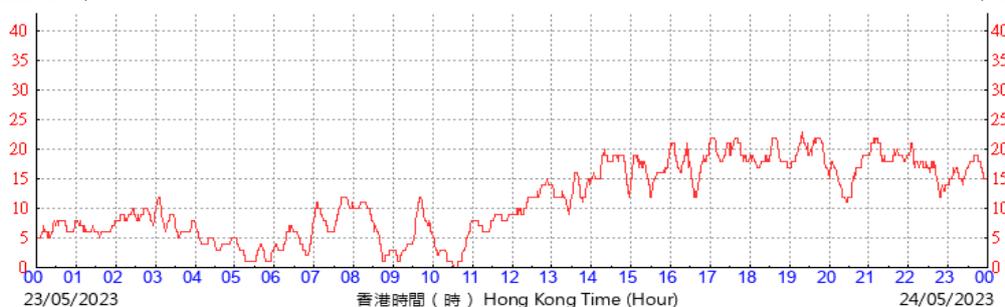
(公里/小時) (於香港時間23/05/2023 00時00分更新) (Updated at 00:00H on 23/05/2023) (km/h)



SEC

©香港天文台 Hong Kong Observatory

(公里/小時) (於香港時間24/05/2023 00時00分更新) (Updated at 00:00H on 24/05/2023) (km/h)

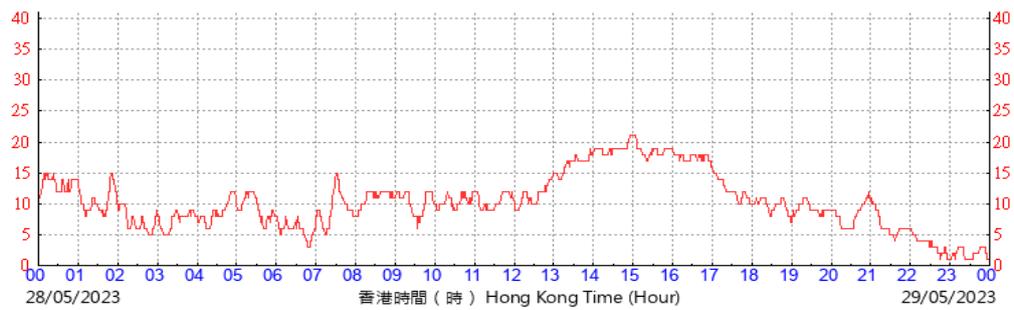


SEC

©香港天文台 Hong Kong Observatory

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

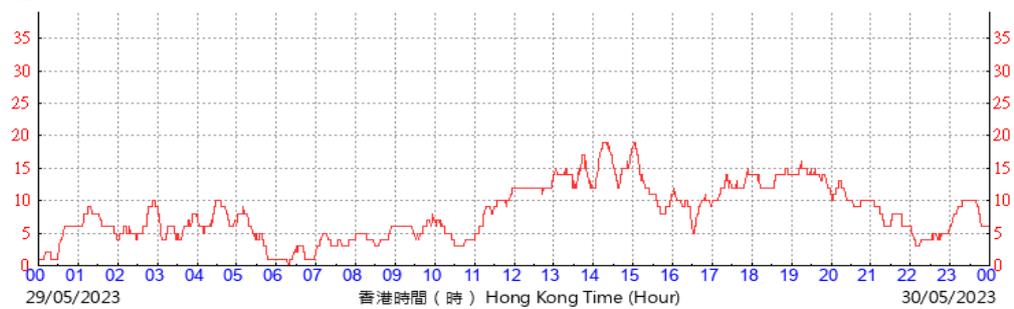
(公里/小時) (於香港時間29/05/2023 00時00分更新) (Updated at 00:00H on 29/05/2023) (km/h)



SEC

©香港天文台 Hong Kong Observatory

(公里/小時) (於香港時間30/05/2023 00時00分更新) (Updated at 00:00H on 30/05/2023) (km/h)



SEC

©香港天文台 Hong Kong Observatory