

**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 <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m <sup>3</sup> )
				Initial	Final			Initial	Final		Initial	Final		
2-Dec-21	Fine	17.4	1021.8	1.34	1.34	1.34	1925.3	2.7901	2.8781	0.0880	12018.36	12042.36	24.00	45.7
8-Dec-21	Fine	20.1	1022.3	1.34	1.34	1.34	1925.3	2.6618	2.7329	0.0711	12042.36	12066.36	24.00	36.9
14-Dec-21	Fine	20.5	1018.6	1.34	1.34	1.34	1925.3	2.7967	2.9248	0.1281	12066.36	12090.36	24.00	66.5
20-Dec-21	Cloudy	17.2	1017.6	1.34	1.34	1.34	1925.3	2.7990	2.9008	0.1018	12090.36	12114.36	24.00	52.9
23-Dec-21	Fine	19.9	1016.8	1.34	1.34	1.34	1925.3	2.7940	2.8585	0.0645	12114.36	12138.36	24.00	33.5
29-Dec-21	Sunny	18.6	1023.2	1.34	1.34	1.34	1925.3	2.8100	2.9097	0.0997	12138.36	12162.36	24.00	51.8
													<b>Average</b>	<b>47.9</b>
													<b>Minimum</b>	<b>33.5</b>
													<b>Maximum</b>	<b>66.5</b>

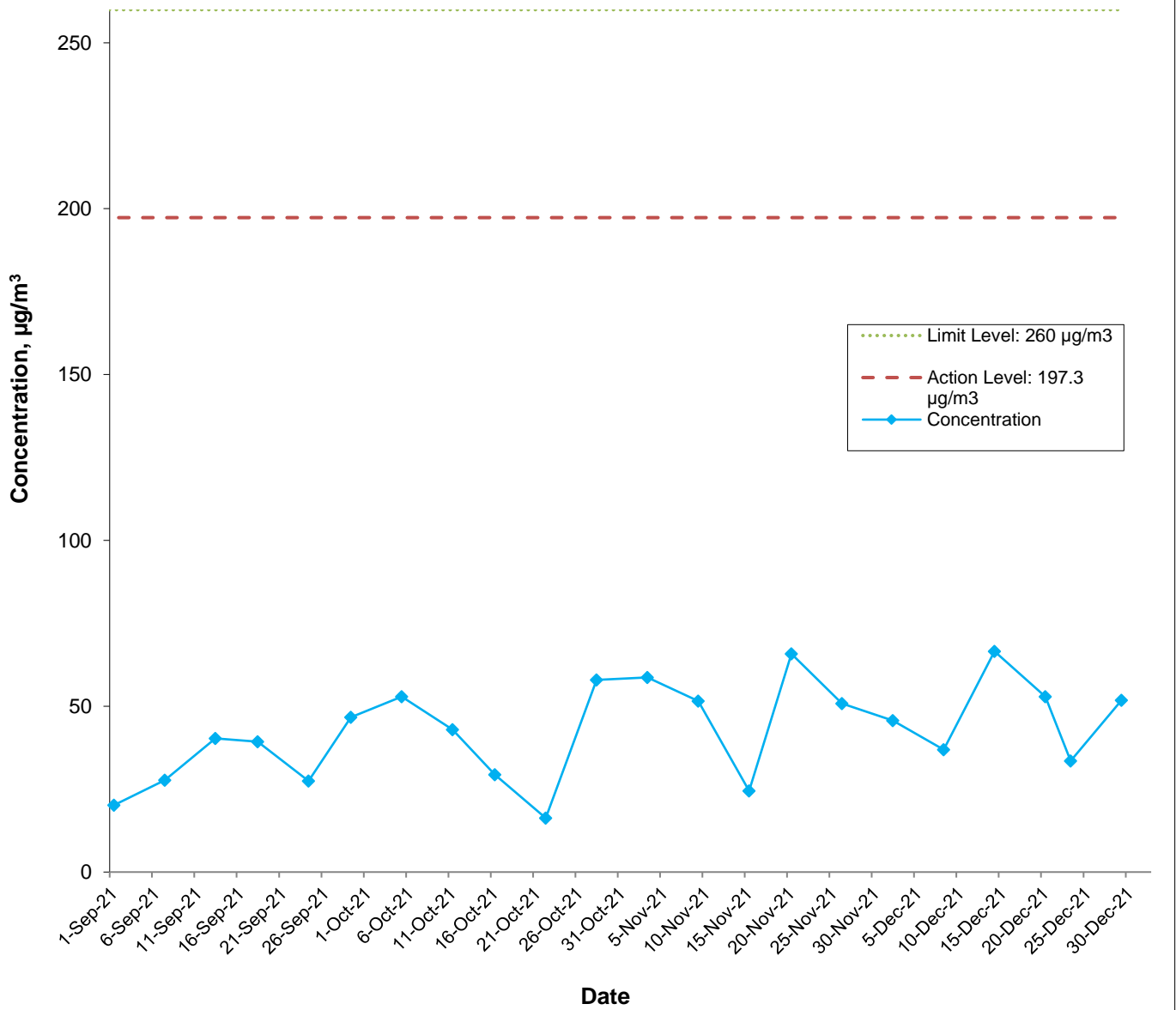
## Appendix G

### Air Quality Monitoring Results

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

Date	Start Time (hh:mm)	Weather Condition	1st Hour	2nd Hour	3rd Hour
			Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
2-Dec-21	12:10	Fine	60.8	61.7	63.2
8-Dec-21	10:02	Fine	62.8	62.2	63.1
14-Dec-21	13:05	Fine	65.4	67.8	64.5
20-Dec-21	13:00	Cloudy	56.2	58.1	57.4
23-Dec-21	13:50	Fine	61.8	63.0	62.4
29-Dec-21	10:15	Sunny	60.6	61.2	63.4
Average					62.0
Min					56.2
Max					67.8

### 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)

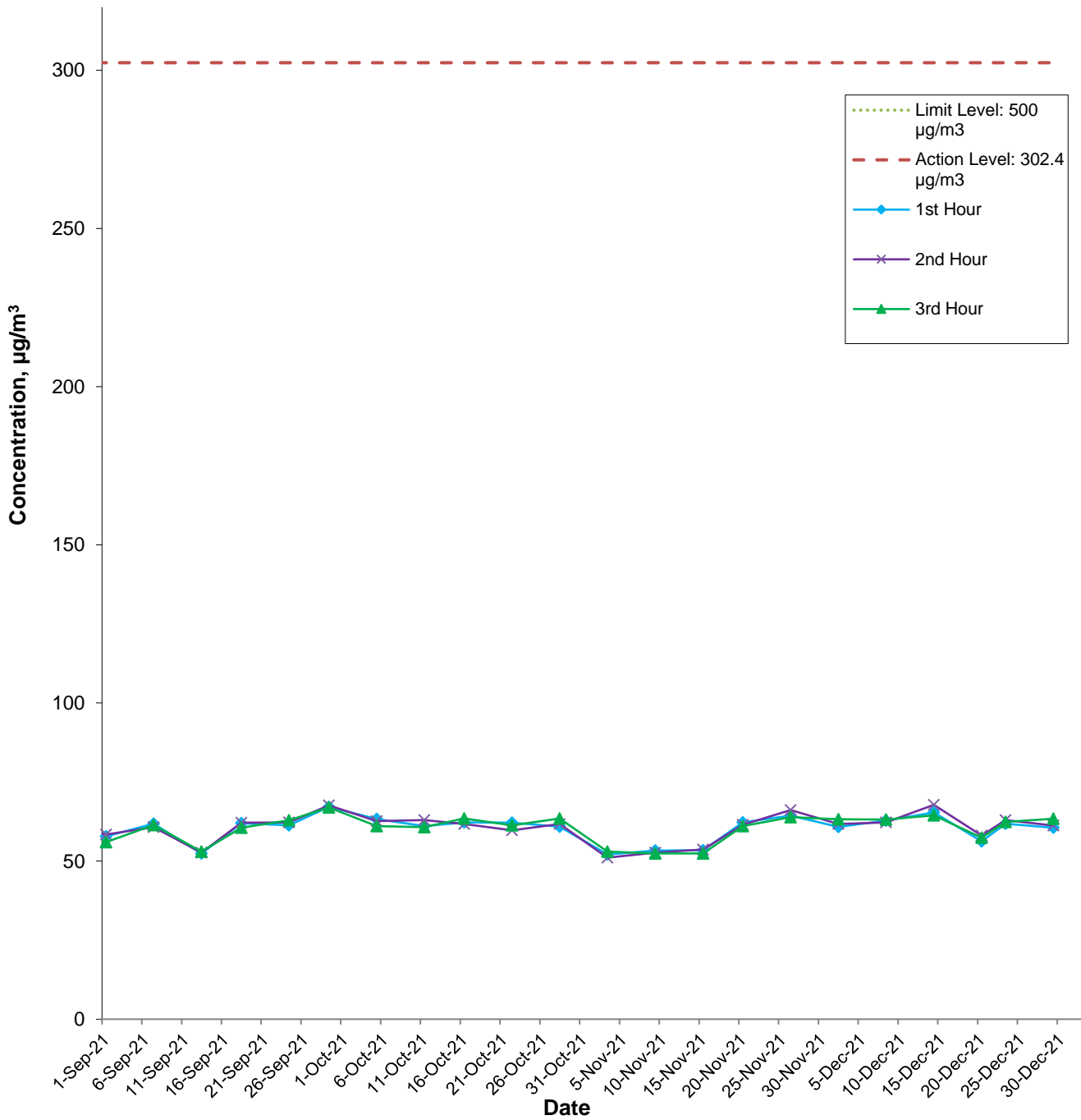


### Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: January 2022

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)

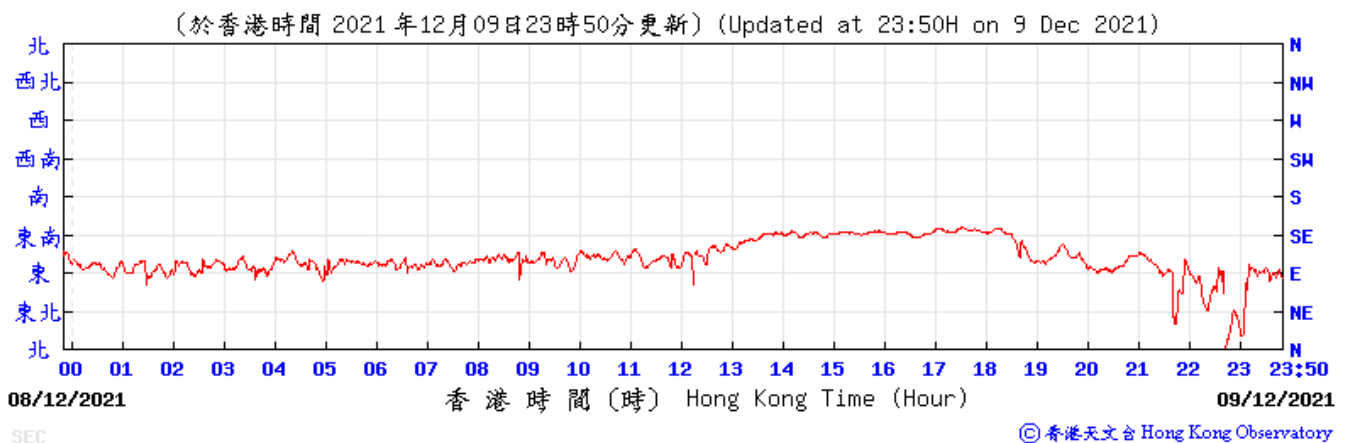
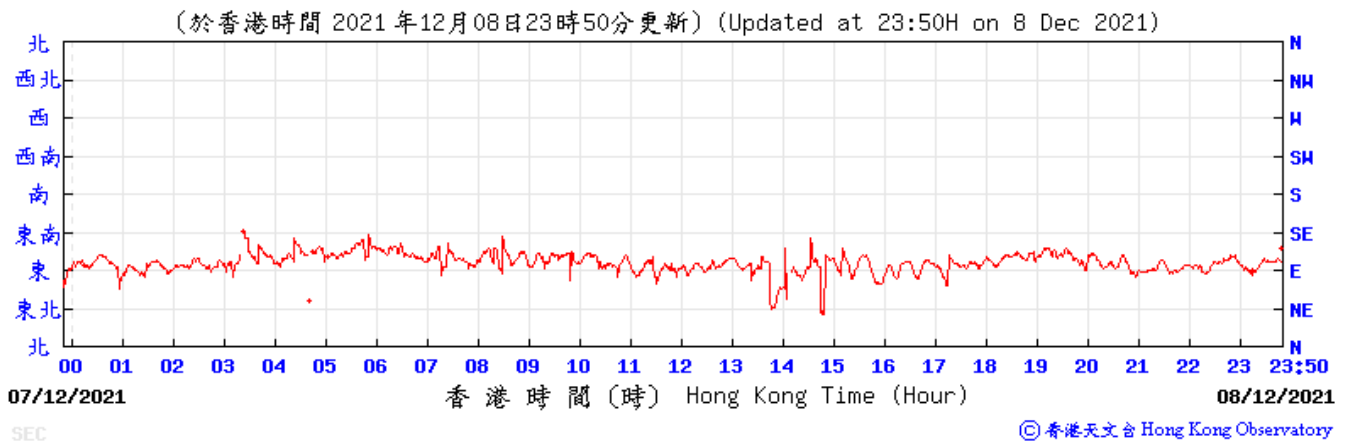
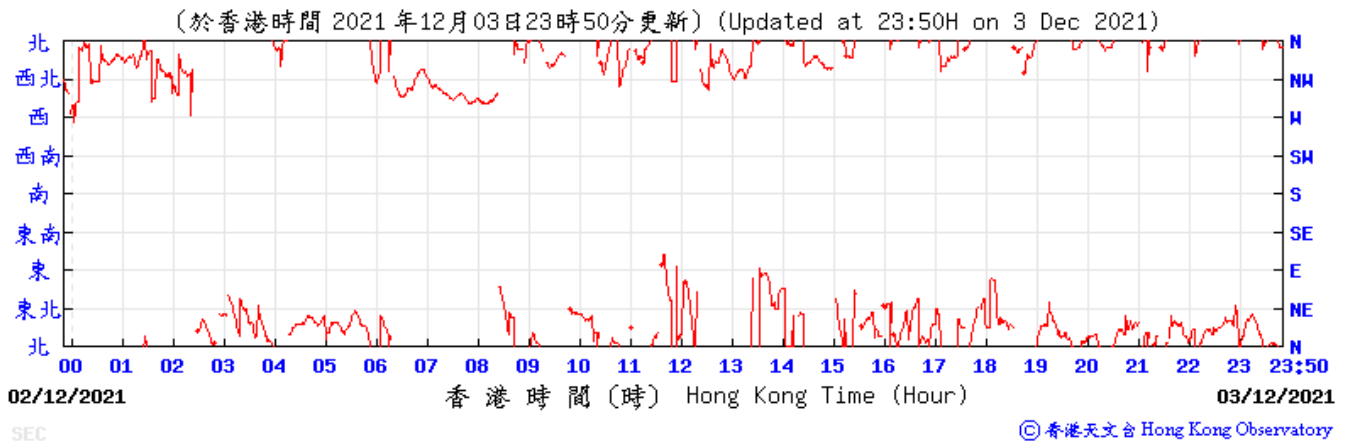
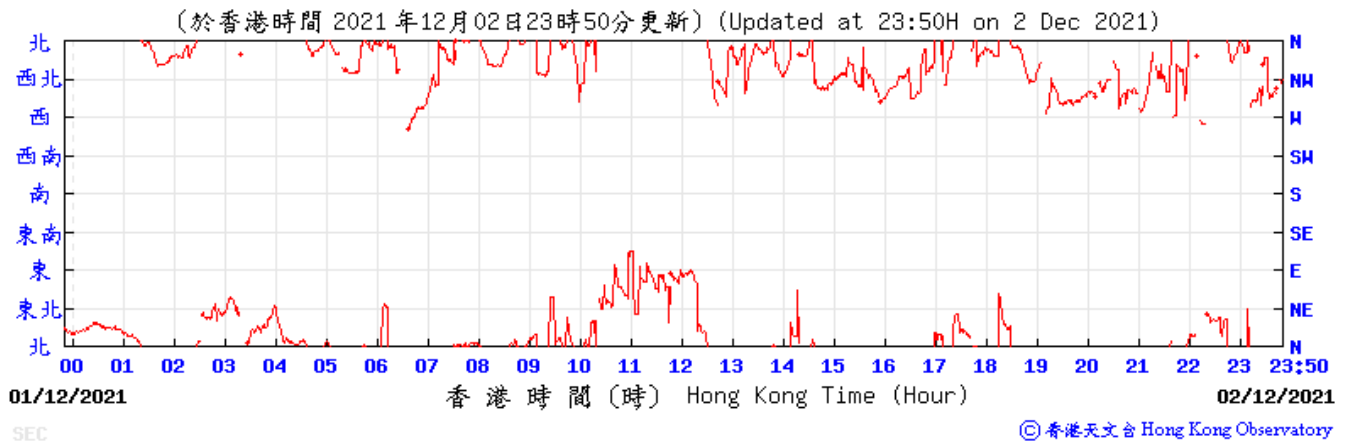


### Graphical Presentation of Impact 1-hour TSP Monitoring Results

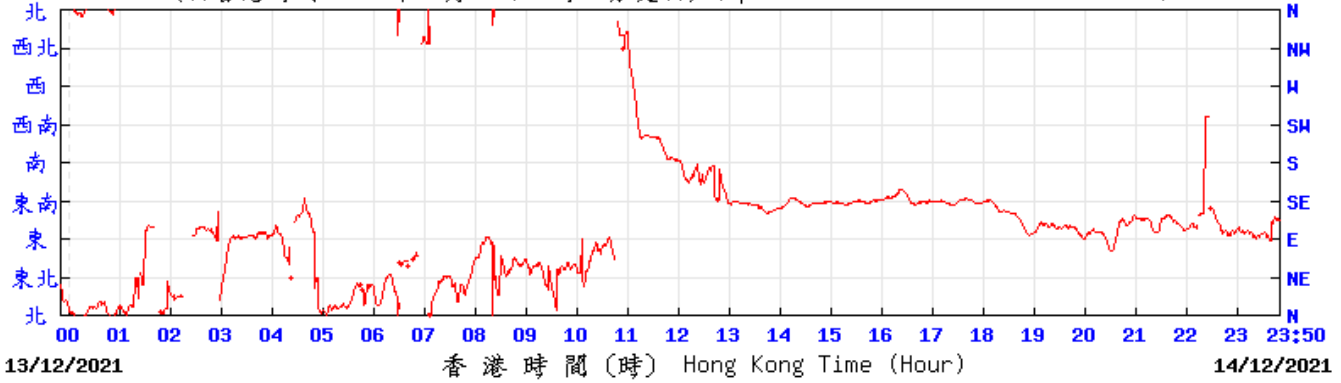
Date: January 2022

Appendix G

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



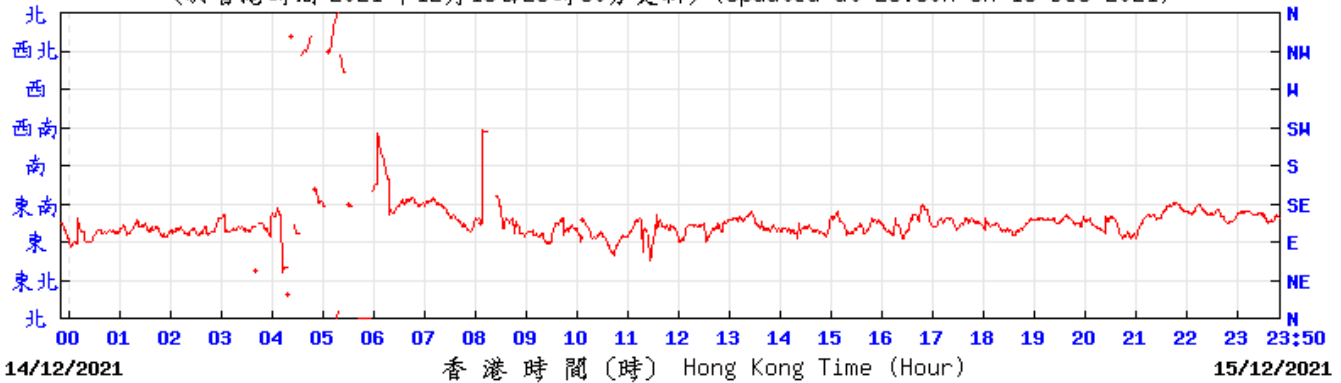
(於香港時間 2021 年12月14日23時50分更新) (Updated at 23:50H on 14 Dec 2021)



SEC

© 香港天文台 Hong Kong Observatory

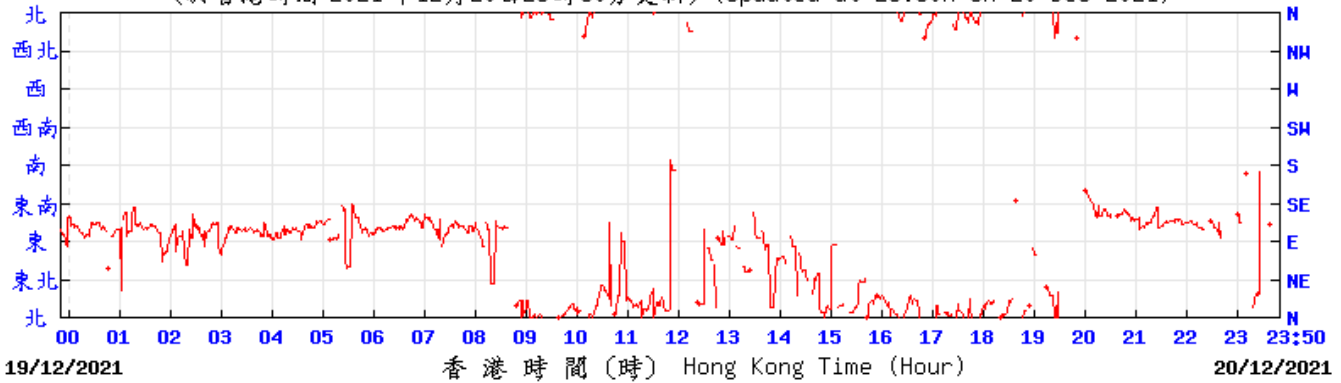
(於香港時間 2021 年12月15日23時50分更新) (Updated at 23:50H on 15 Dec 2021)



SEC

© 香港天文台 Hong Kong Observatory

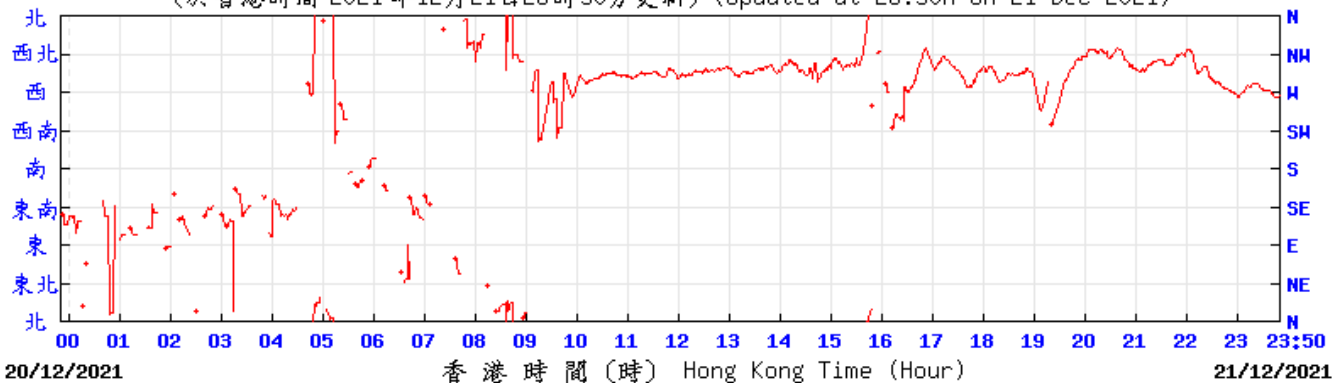
(於香港時間 2021 年12月20日23時50分更新) (Updated at 23:50H on 20 Dec 2021)



SEC

© 香港天文台 Hong Kong Observatory

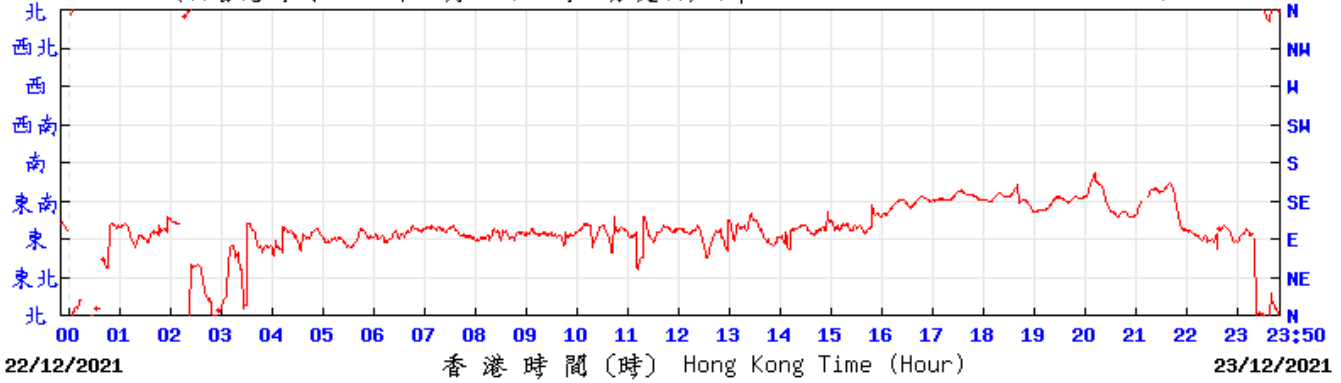
(於香港時間 2021 年12月21日23時50分更新) (Updated at 23:50H on 21 Dec 2021)



SEC

© 香港天文台 Hong Kong Observatory

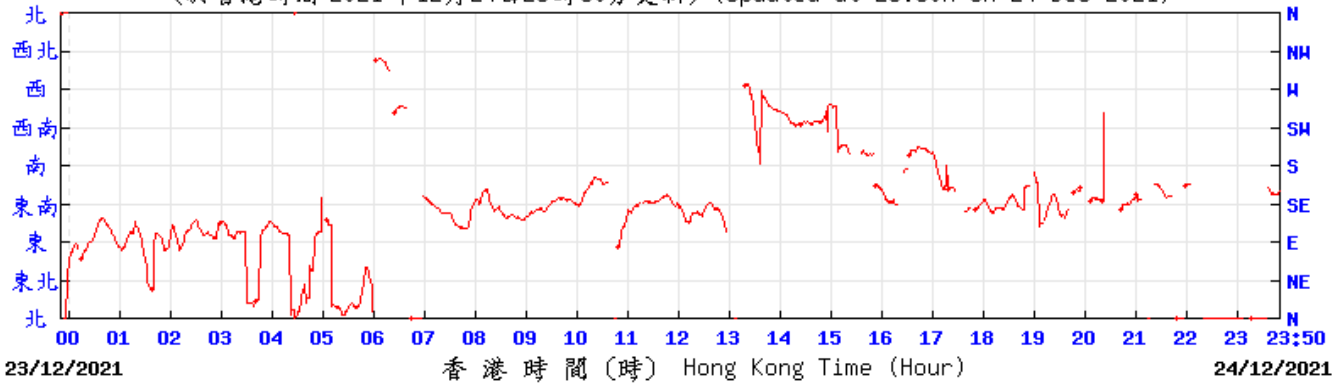
(於香港時間 2021 年12月23日23時50分更新) (Updated at 23:50H on 23 Dec 2021)



SEC

© 香港天文台 Hong Kong Observatory

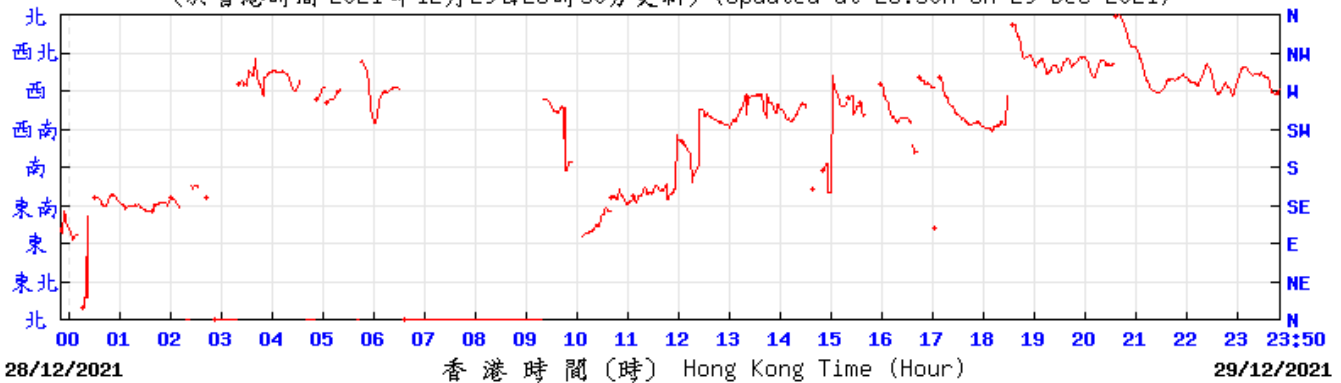
(於香港時間 2021 年12月24日23時50分更新) (Updated at 23:50H on 24 Dec 2021)



SEC

© 香港天文台 Hong Kong Observatory

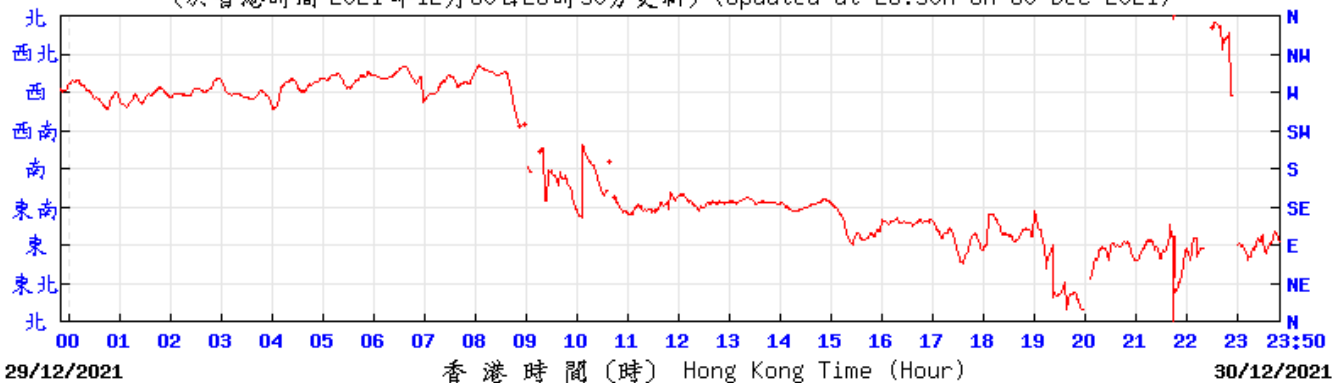
(於香港時間 2021 年12月29日23時50分更新) (Updated at 23:50H on 29 Dec 2021)



SEC

© 香港天文台 Hong Kong Observatory

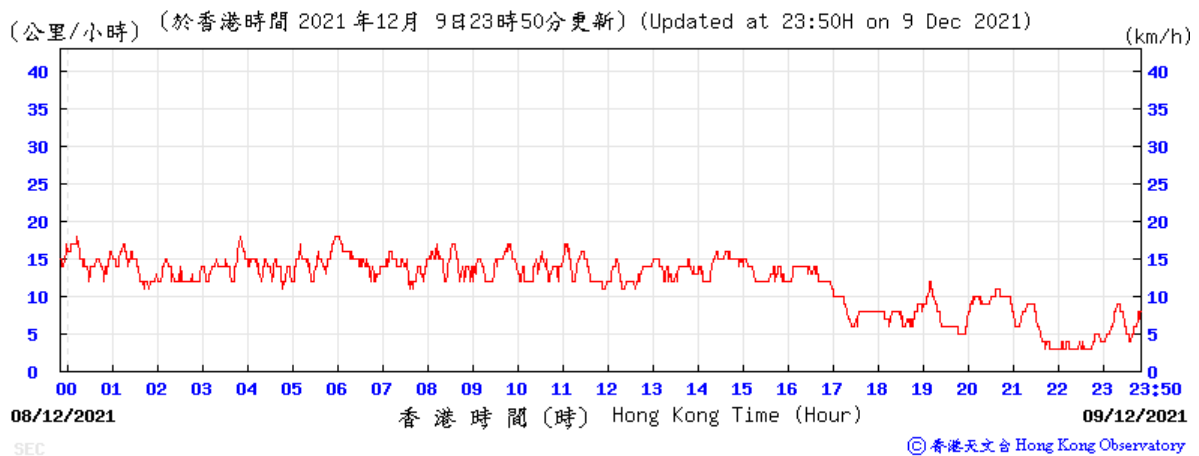
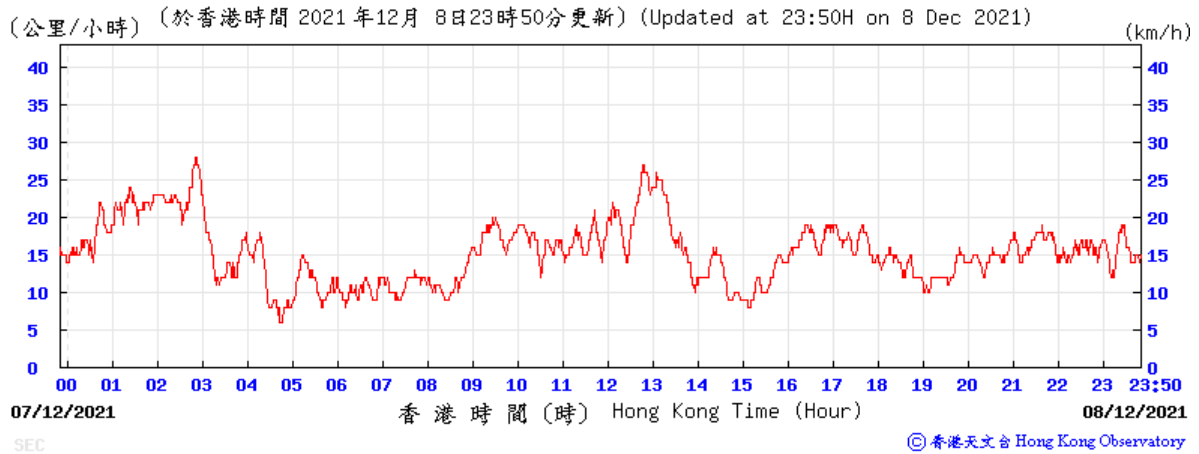
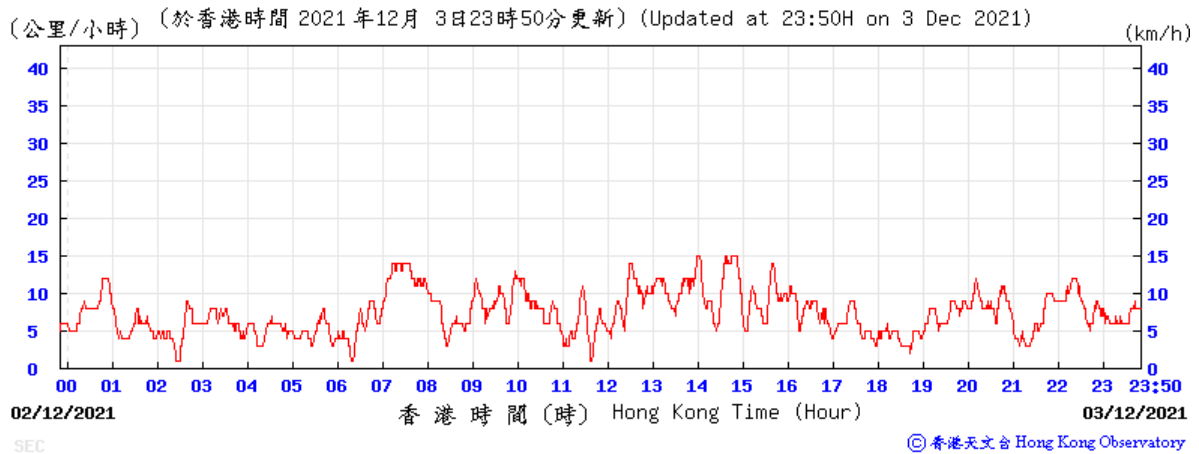
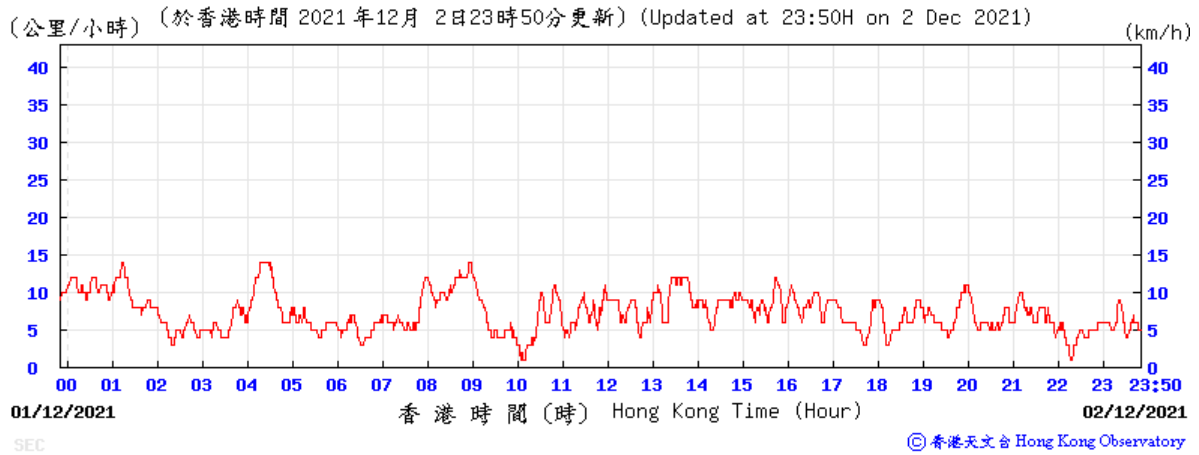
(於香港時間 2021 年12月30日23時50分更新) (Updated at 23:50H on 30 Dec 2021)



SEC

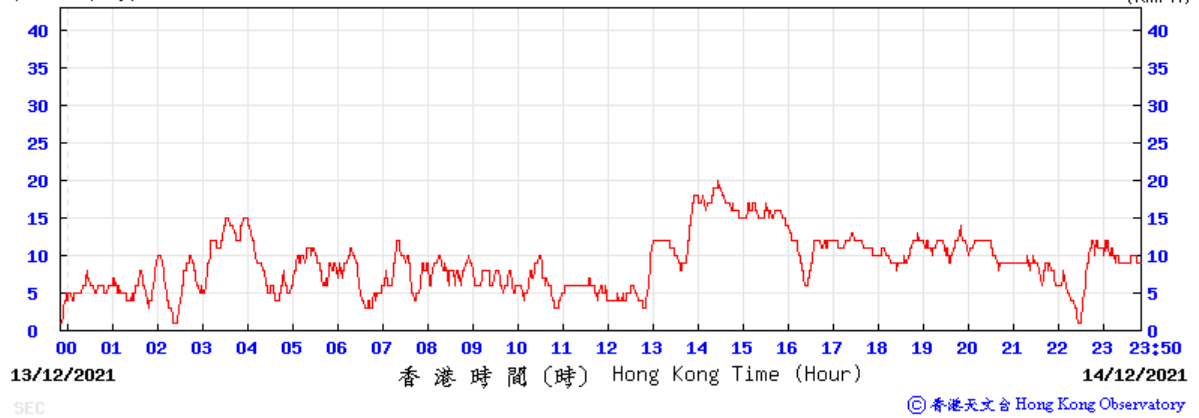
© 香港天文台 Hong Kong Observatory

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

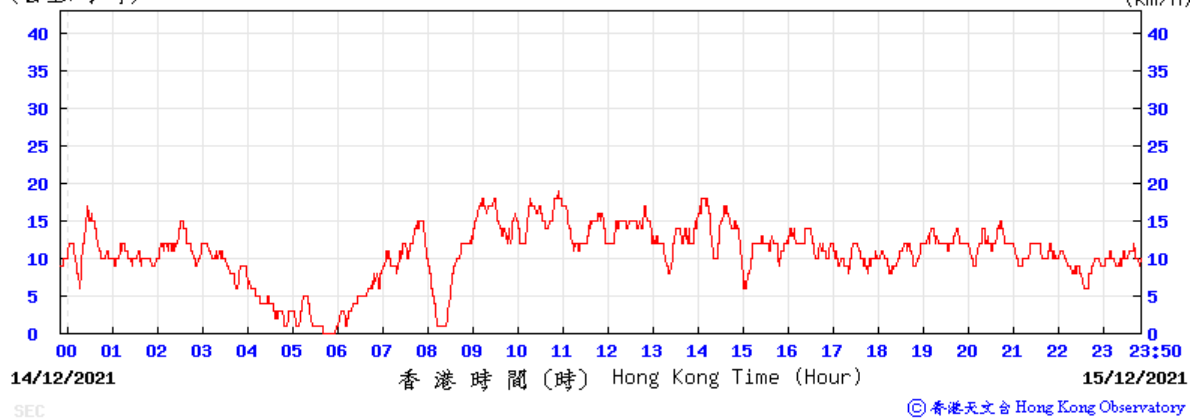




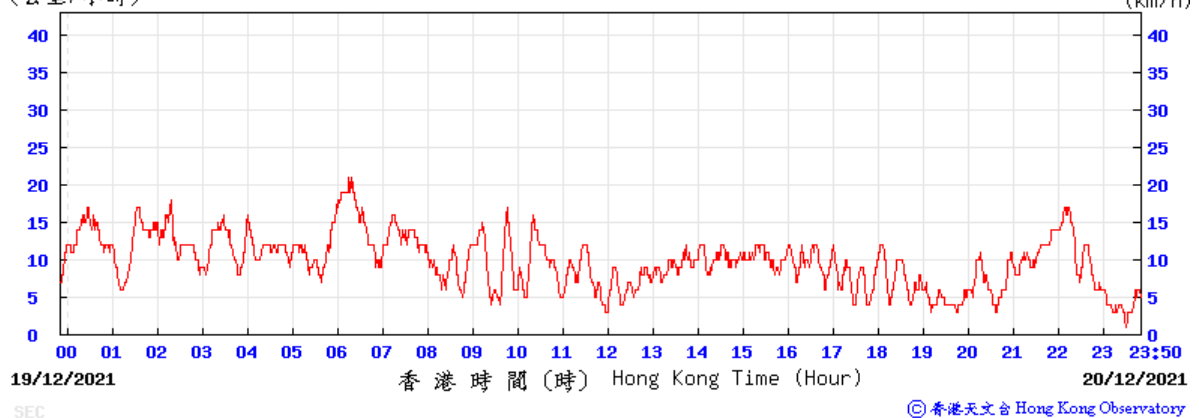
(公里/小時) (於香港時間 2021 年12月14日23時50分更新) (Updated at 23:50H on 14 Dec 2021)



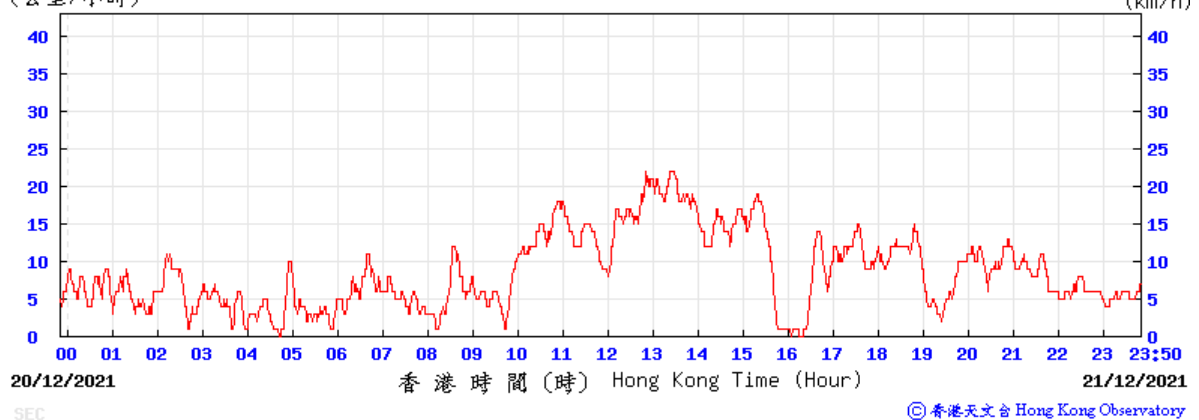
(公里/小時) (於香港時間 2021 年12月15日23時50分更新) (Updated at 23:50H on 15 Dec 2021)



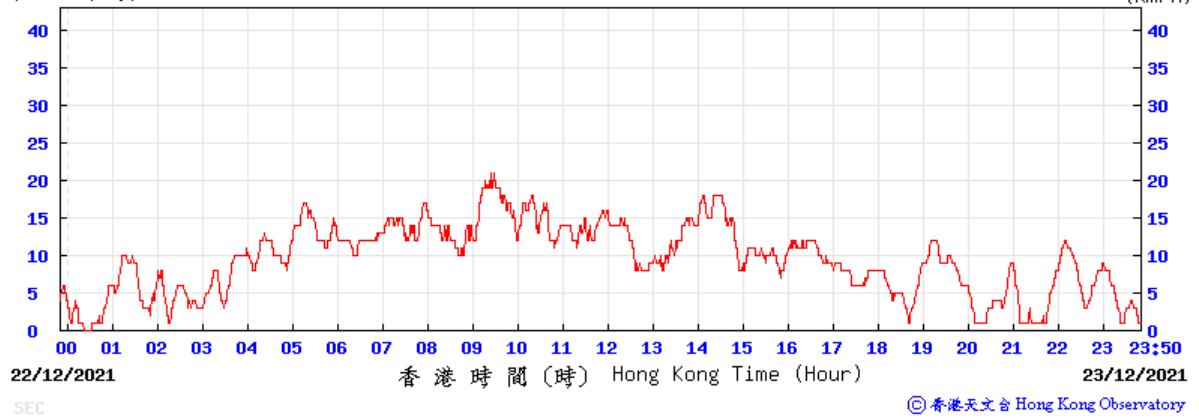
(公里/小時) (於香港時間 2021 年12月20日23時50分更新) (Updated at 23:50H on 20 Dec 2021)



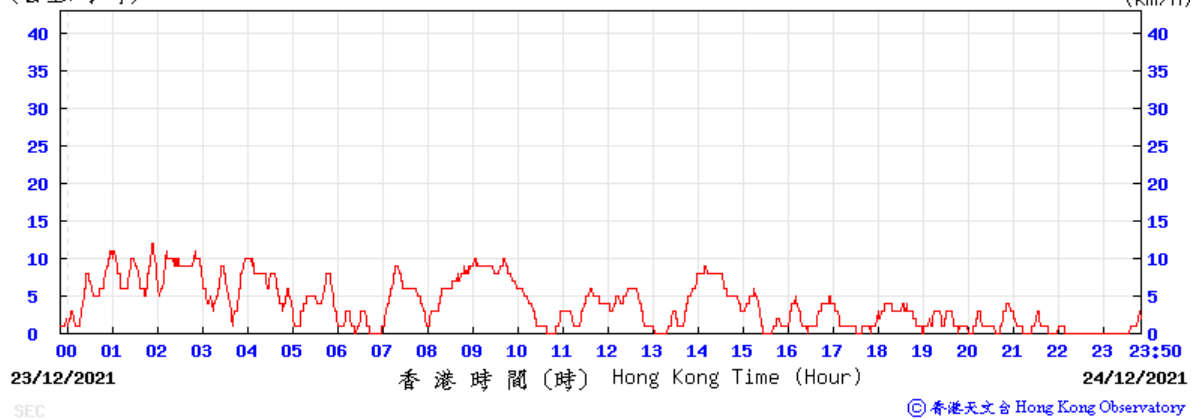
(公里/小時) (於香港時間 2021 年12月21日23時50分更新) (Updated at 23:50H on 21 Dec 2021)



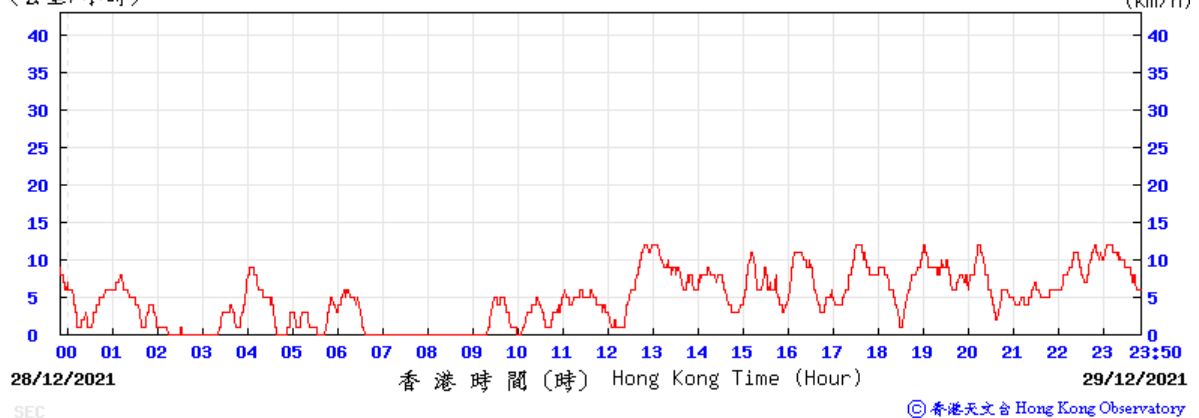
(公里/小時) (於香港時間 2021 年12月23日23時50分更新) (Updated at 23:50H on 23 Dec 2021)



(公里/小時) (於香港時間 2021 年12月24日23時50分更新) (Updated at 23:50H on 24 Dec 2021)



(公里/小時) (於香港時間 2021 年12月29日23時50分更新) (Updated at 23:50H on 29 Dec 2021)



(公里/小時) (於香港時間 2021 年12月30日23時50分更新) (Updated at 23:50H on 30 Dec 2021)

