

**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		
5/3/2022	Fine	20.6	1013.5	1.33	1.33	1.33	1921.0	2.8098	2.9252	0.1154	12426.36	12450.36	24.00	60.1
11/3/2022	Fine	22.1	1014.0	1.33	1.33	1.33	1921.0	2.6489	2.7306	0.0817	12450.36	12474.36	24.00	42.5
17/3/2022	Fine	24.3	1009.4	1.33	1.33	1.33	1921.0	2.8048	2.8741	0.0693	12474.36	12498.36	24.00	36.1
23/3/2022	Cloudy	17.7	1014.7	1.33	1.33	1.33	1921.0	2.6838	2.7316	0.0478	12498.36	12522.36	24.00	24.9
29/3/2022	Cloudy	19.1	1017.2	1.33	1.33	1.33	1921.0	2.7822	2.8161	0.0339	12522.36	12546.36	24.00	17.6
													<b>Average</b>	<b>36.2</b>
													<b>Minimum</b>	<b>17.6</b>
													<b>Maximum</b>	<b>60.1</b>

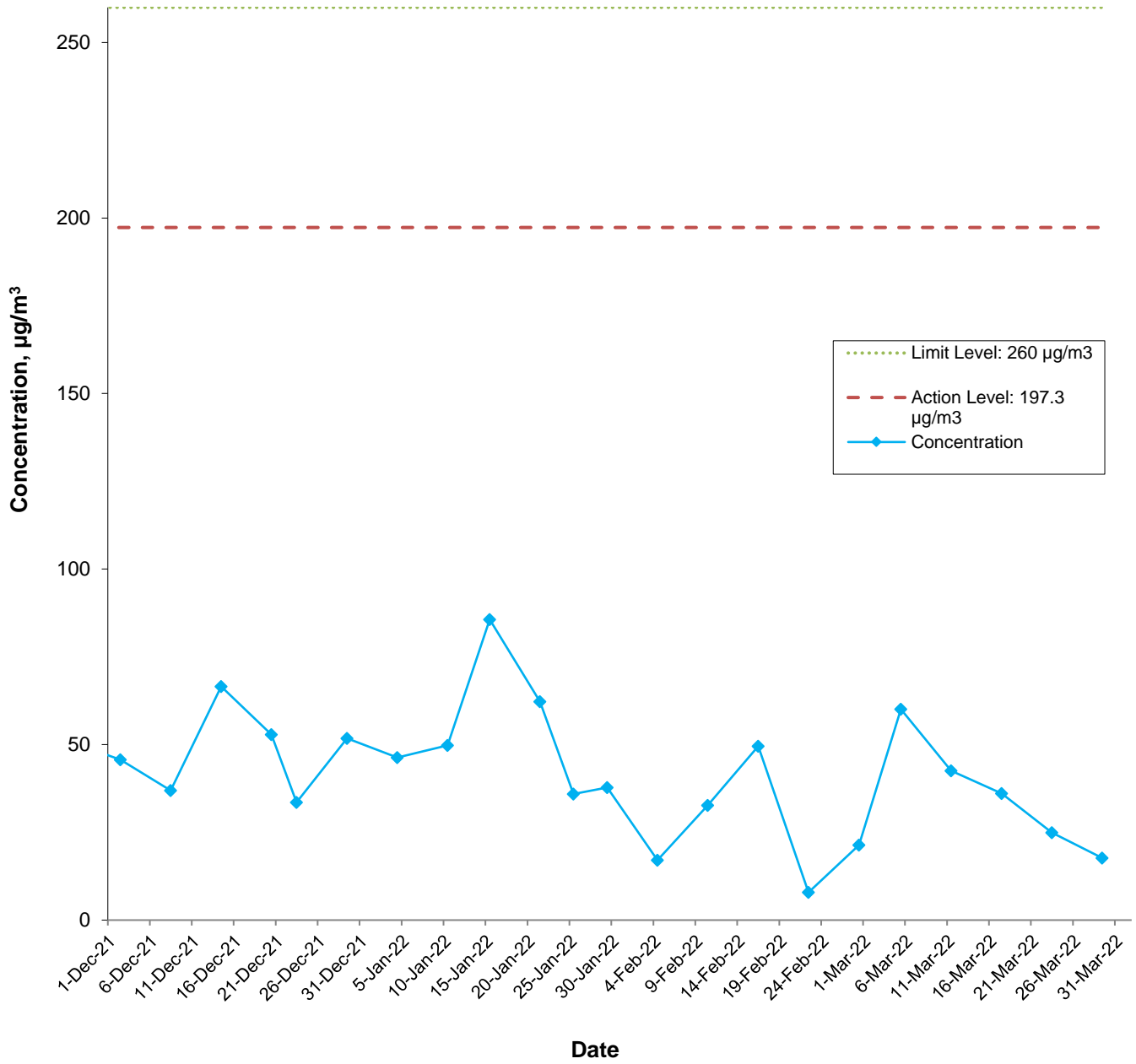
## Appendix G

### 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. ( $\mu\text{g}/\text{m}^3$ )
5/3/2022	14:20	Fine	62.9	63.2	65.1
11/3/2022	10:55	Fine	64.1	64.2	63.9
17/3/2022	10:35	Fine	62.5	63.2	63.8
23/3/2022	11:30	Cloudy	57.9	58.2	58.6
29/3/2022	13:05	Cloudy	59.1	57.9	58.8
				Average	61.6
				Min	57.9
				Max	65.1

### E-A14a



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

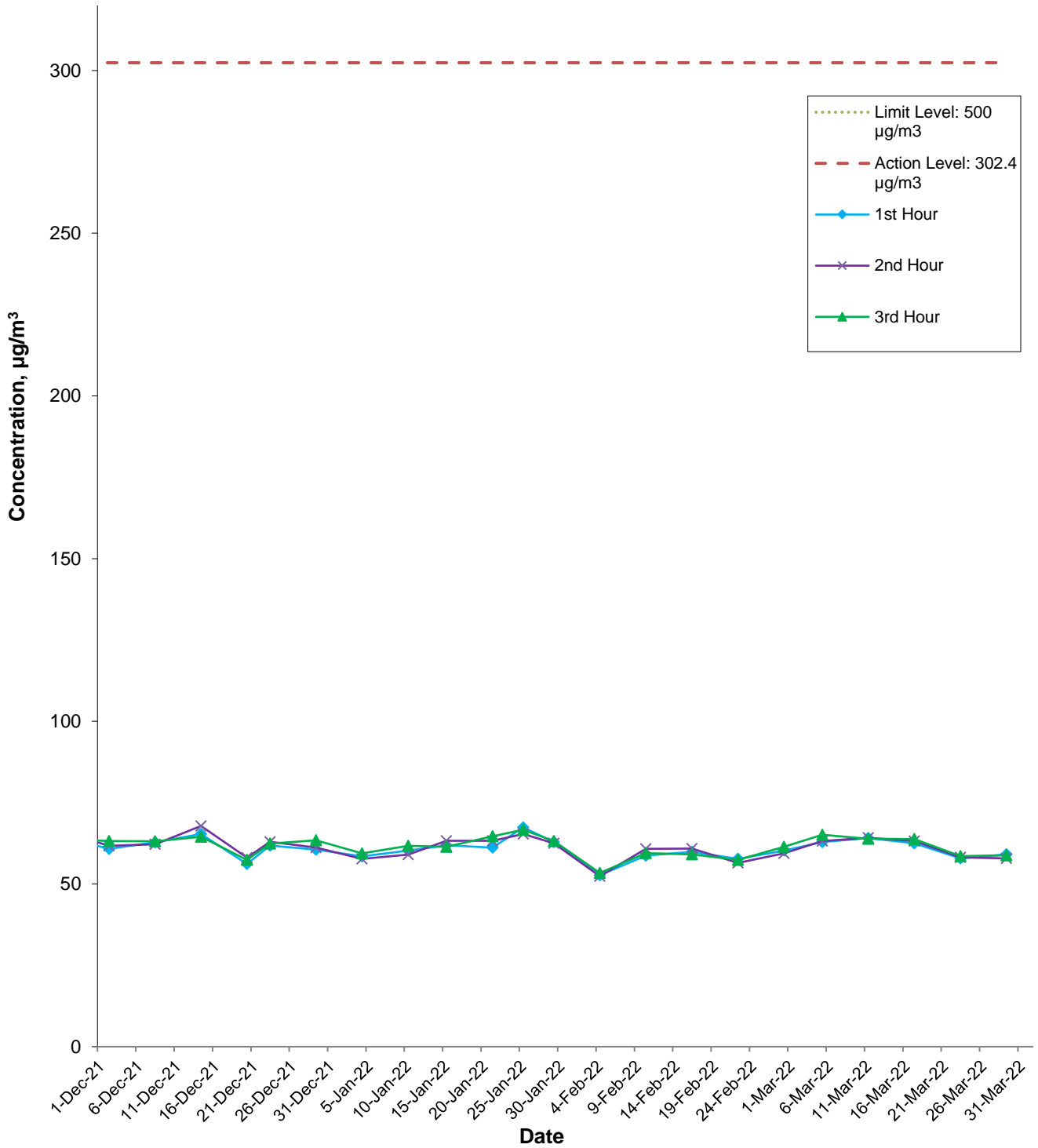


### Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: April 2022

Appendix G

### E-A14a



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

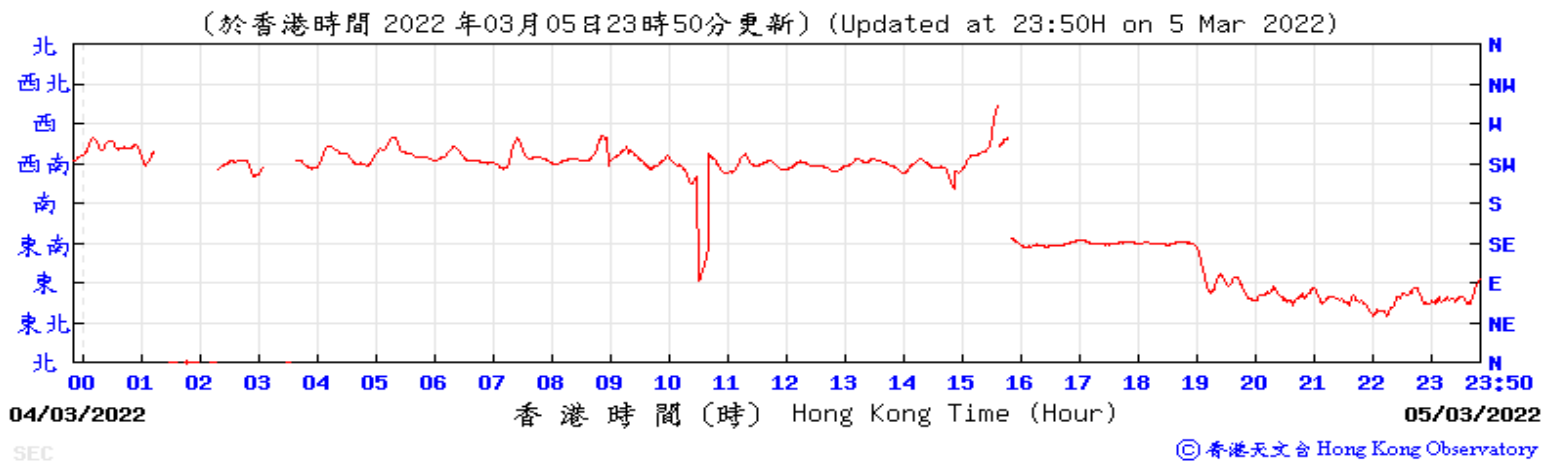


### Graphical Presentation of Impact 1-hour TSP Monitoring Results

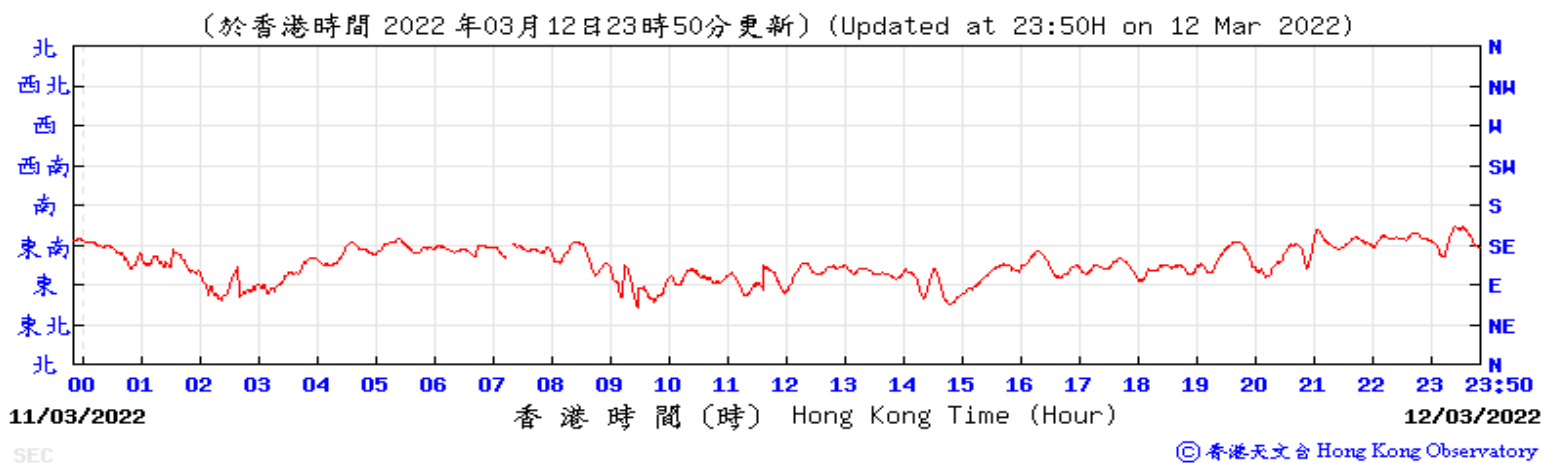
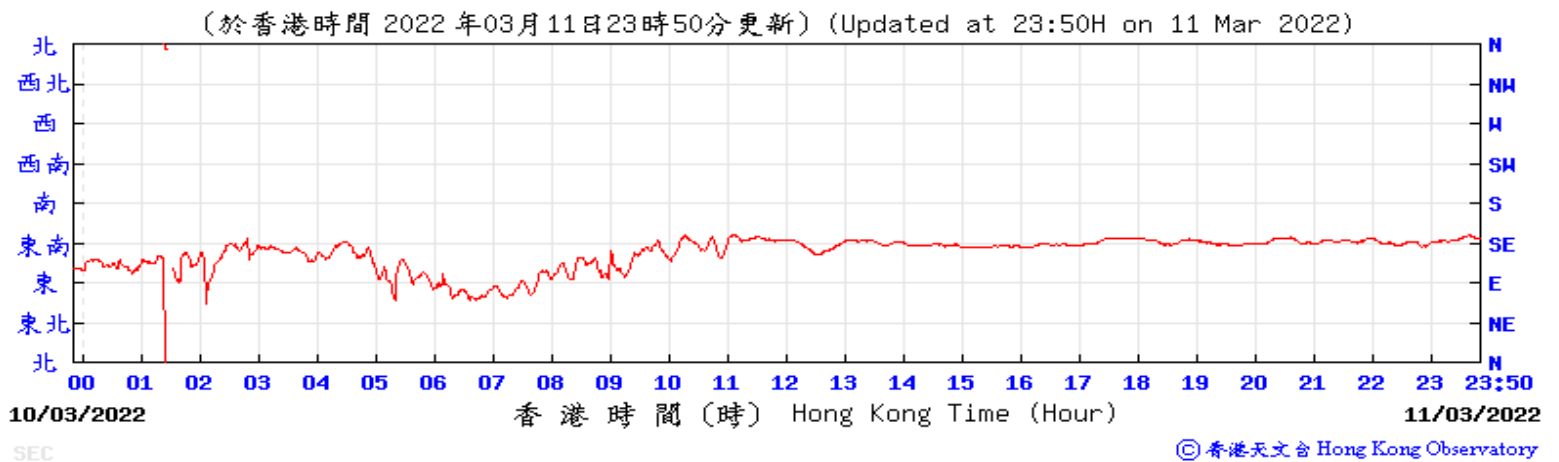
Date: April 2022

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

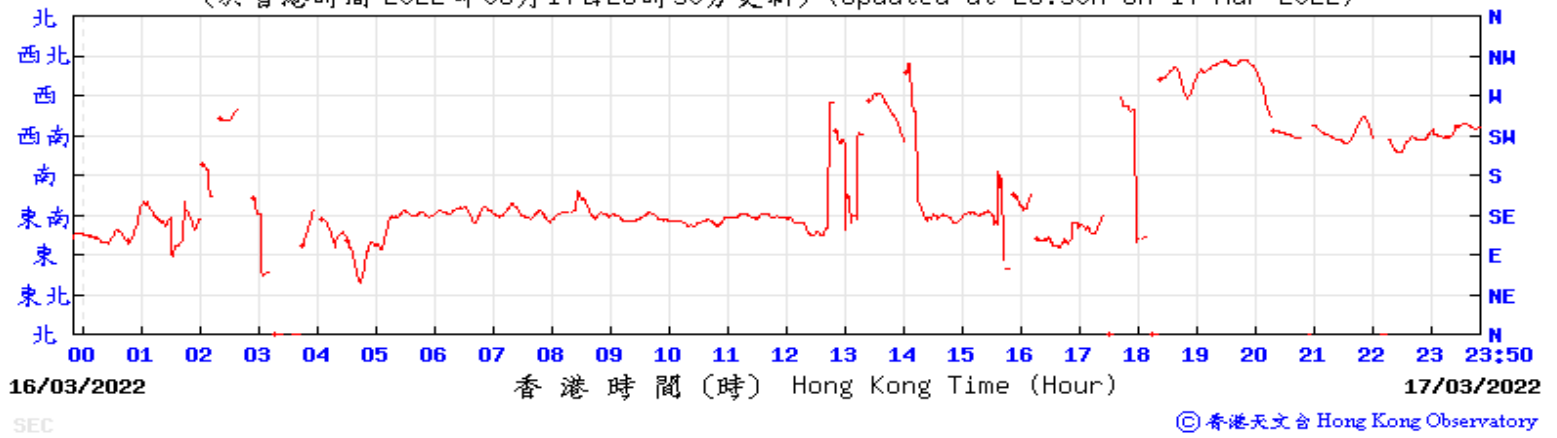


Data of Wind Direction on 5/3/2022 from Kai Tak Wind Station of HKO was not available



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

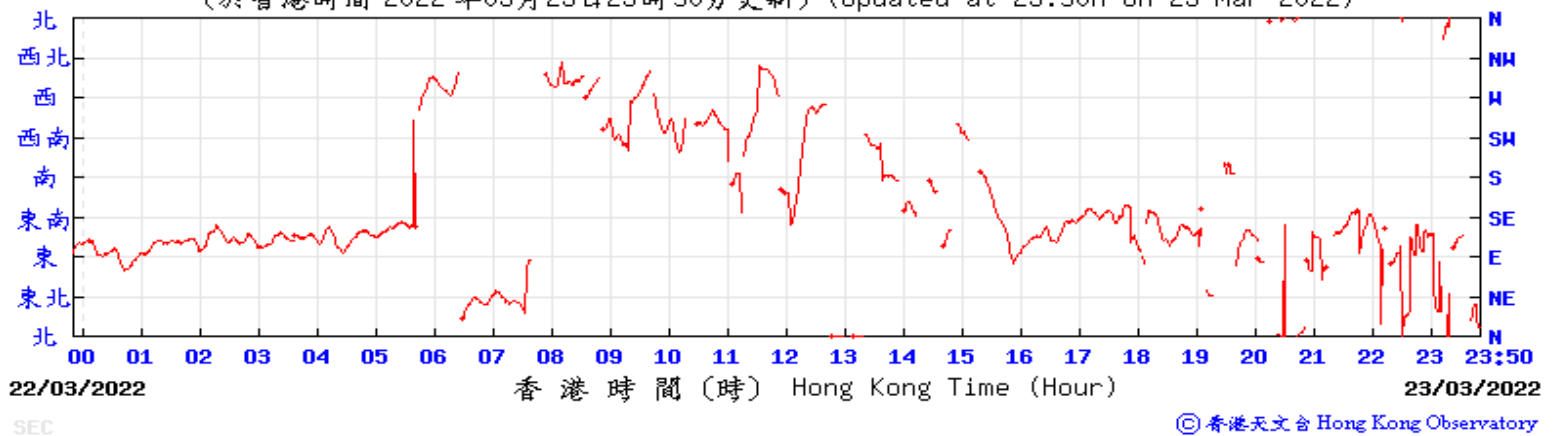
(於香港時間 2022 年03月17日23時50分更新) (Updated at 23:50H on 17 Mar 2022)



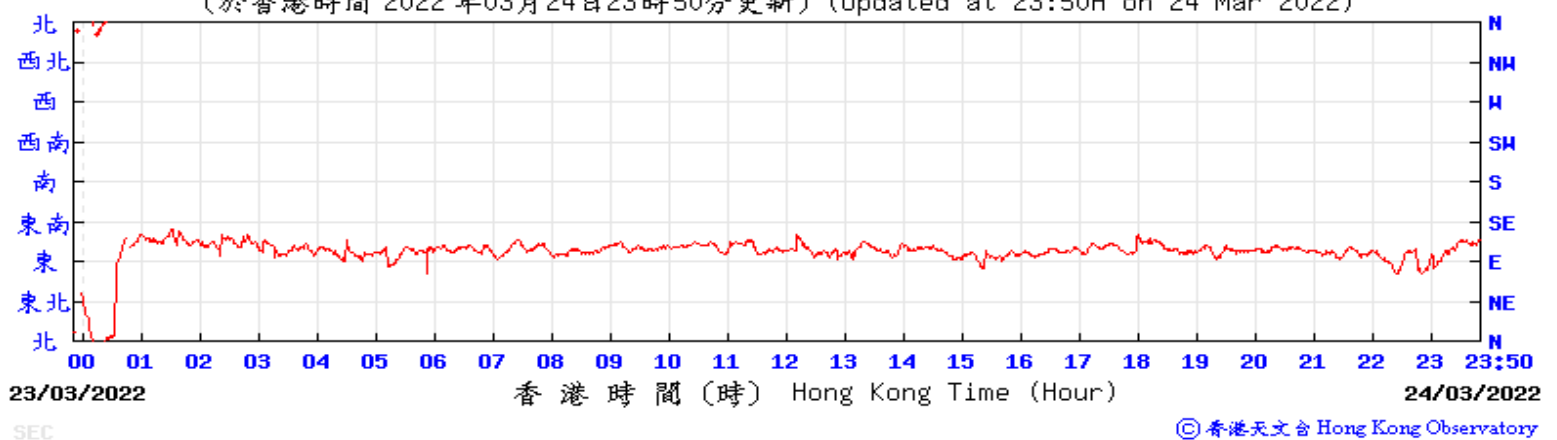
(於香港時間 2022 年03月18日23時50分更新) (Updated at 23:50H on 18 Mar 2022)



(於香港時間 2022 年03月23日23時50分更新) (Updated at 23:50H on 23 Mar 2022)

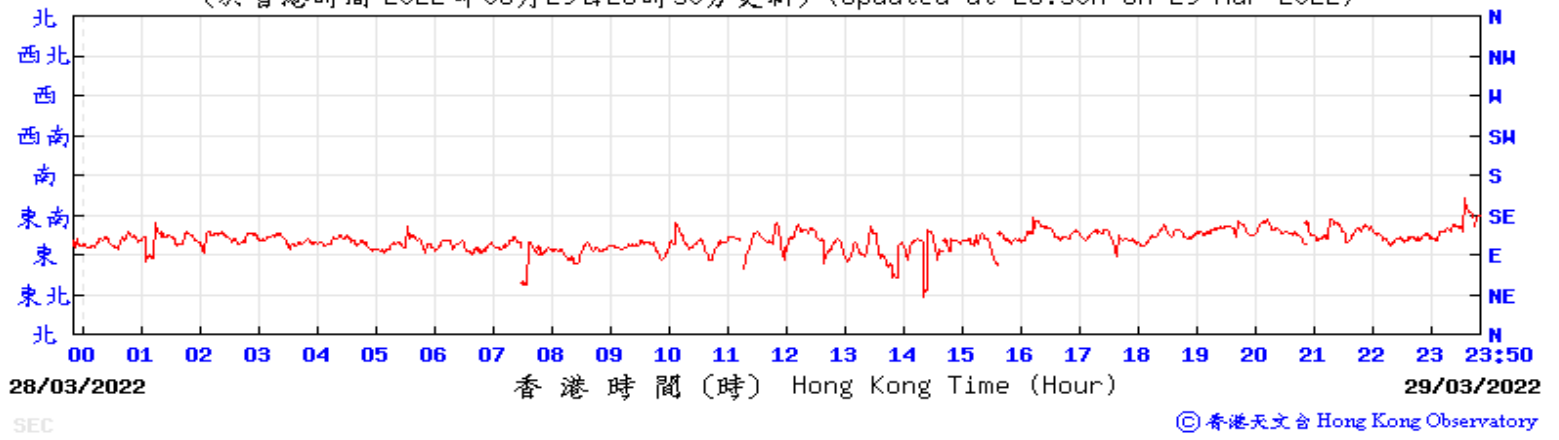


(於香港時間 2022 年03月24日23時50分更新) (Updated at 23:50H on 24 Mar 2022)

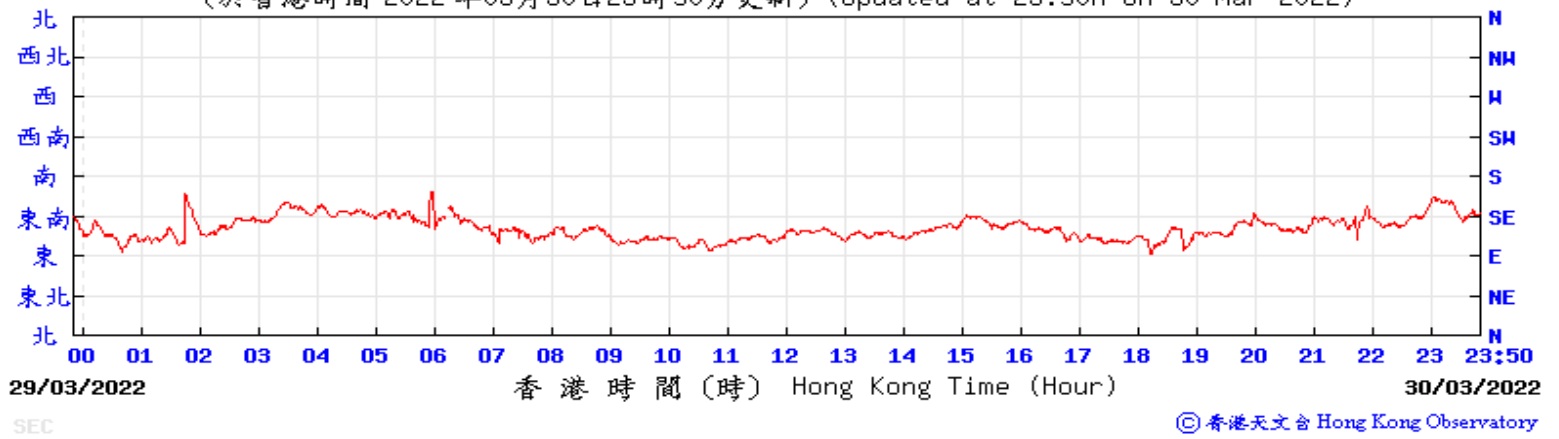


# Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory

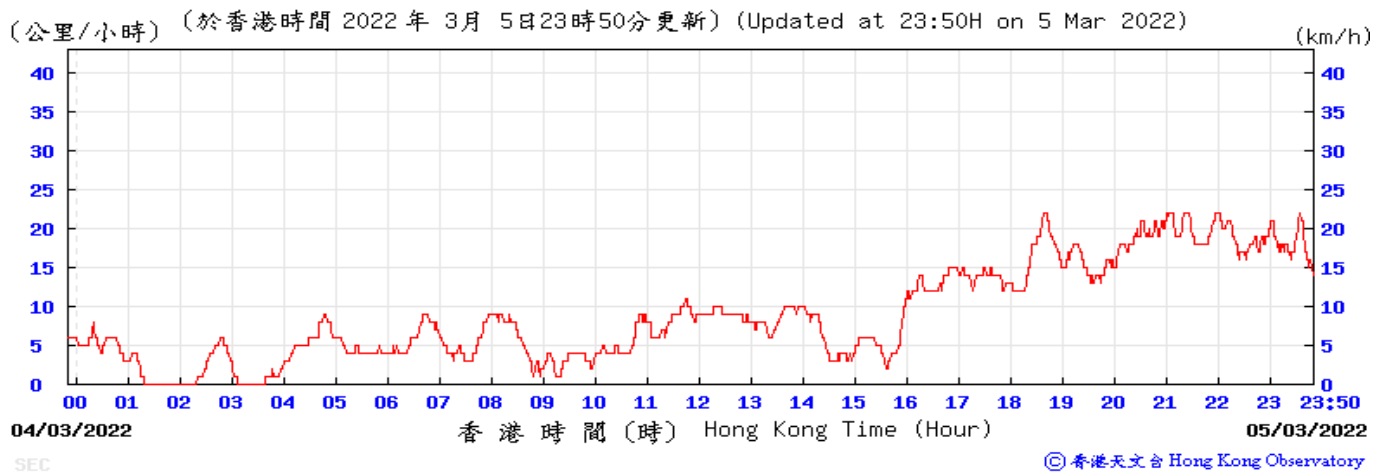
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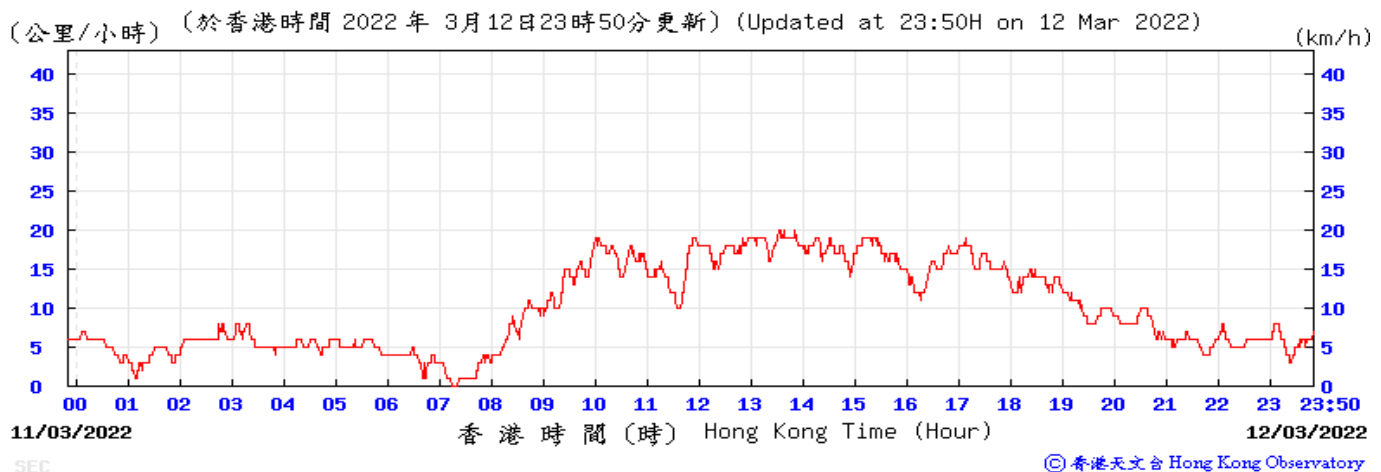
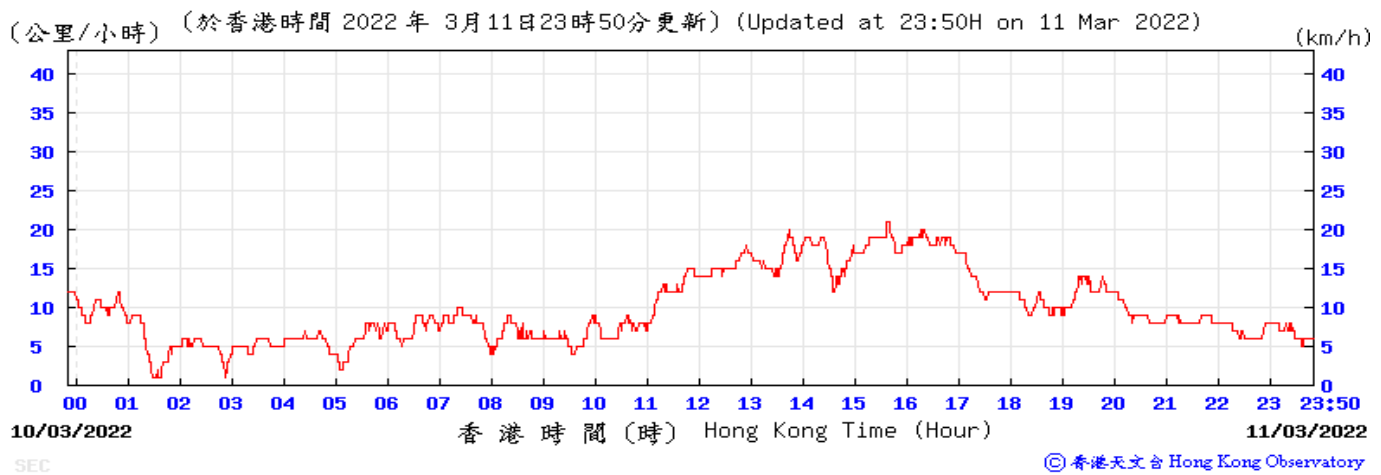
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## Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory



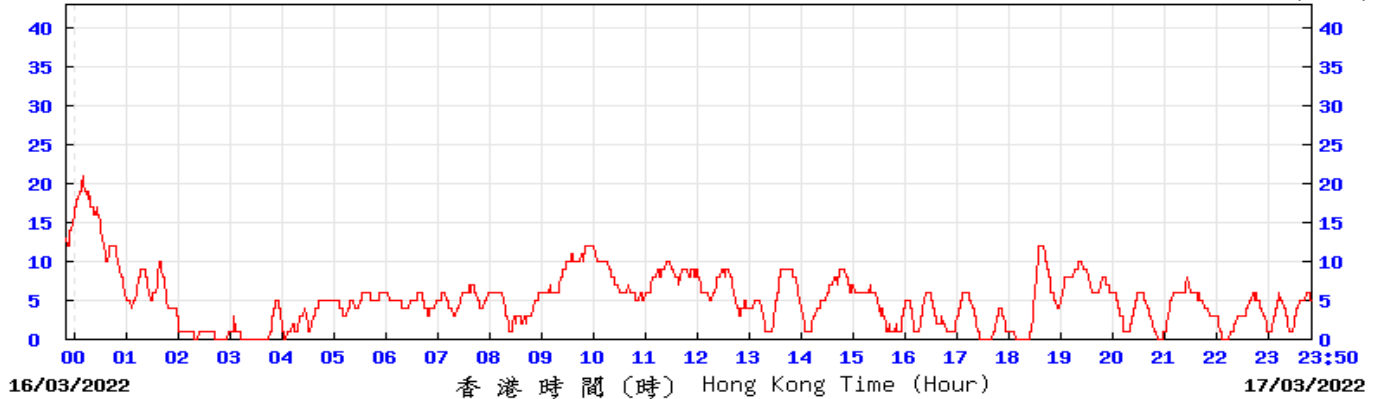
Data of Wind Speed on 5/3/2022 from Kai Tak Wind Station of HKO was not available





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

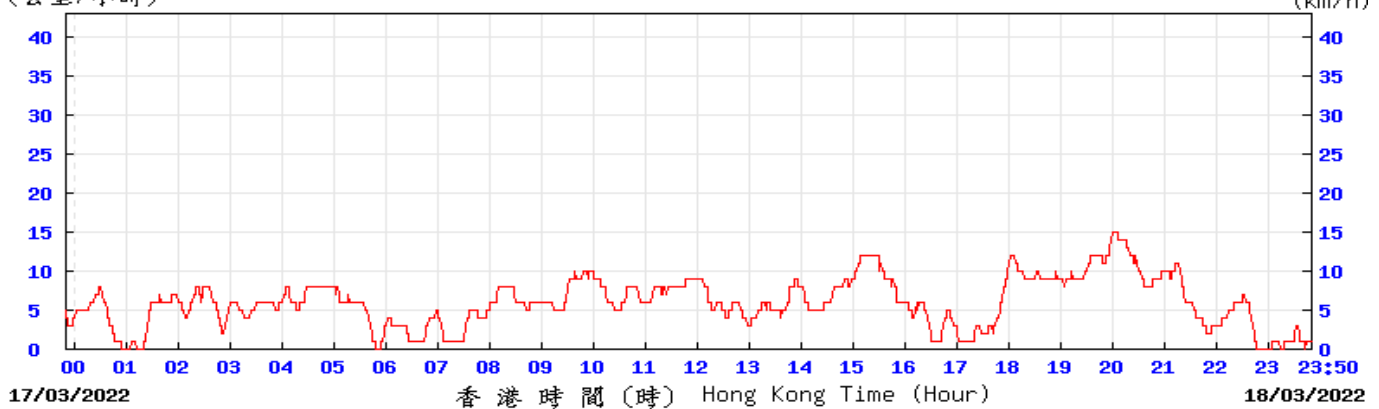
(公里/小時) (於香港時間 2022 年 3月17日23時50分更新) (Updated at 23:50H on 17 Mar 2022) (km/h)



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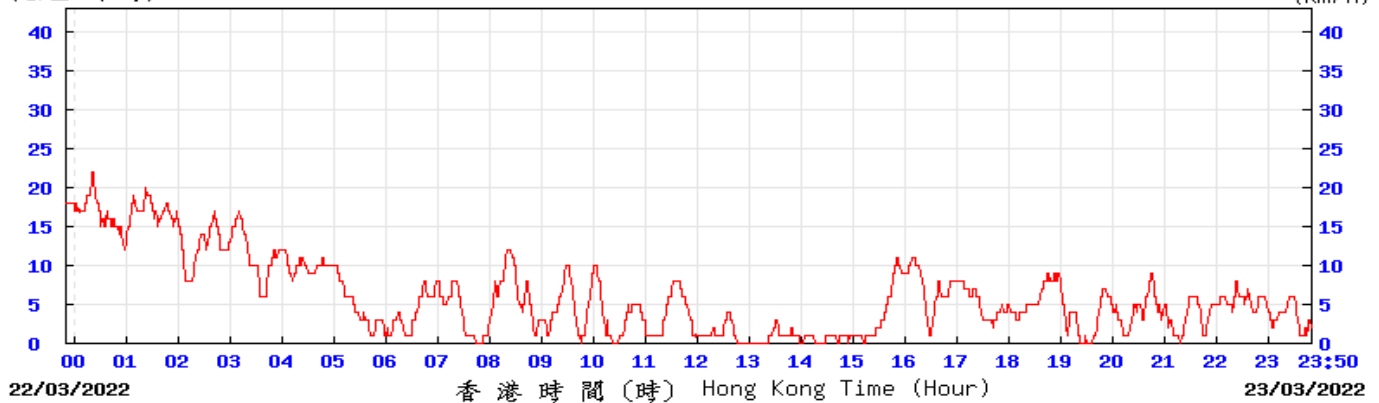
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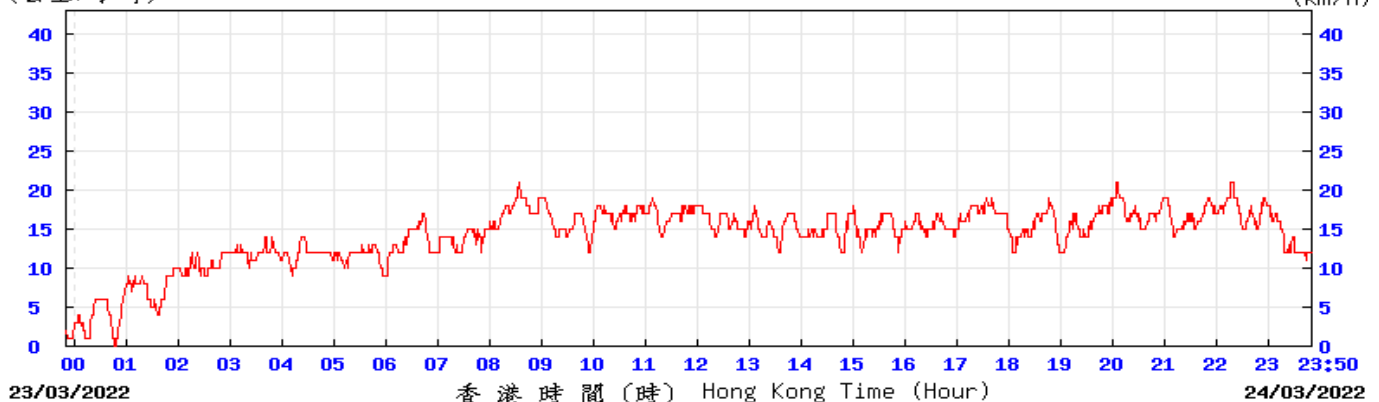
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(公里/小時) (於香港時間 2022 年 3月24日23時50分更新) (Updated at 23:50H on 24 Mar 2022) (km/h)

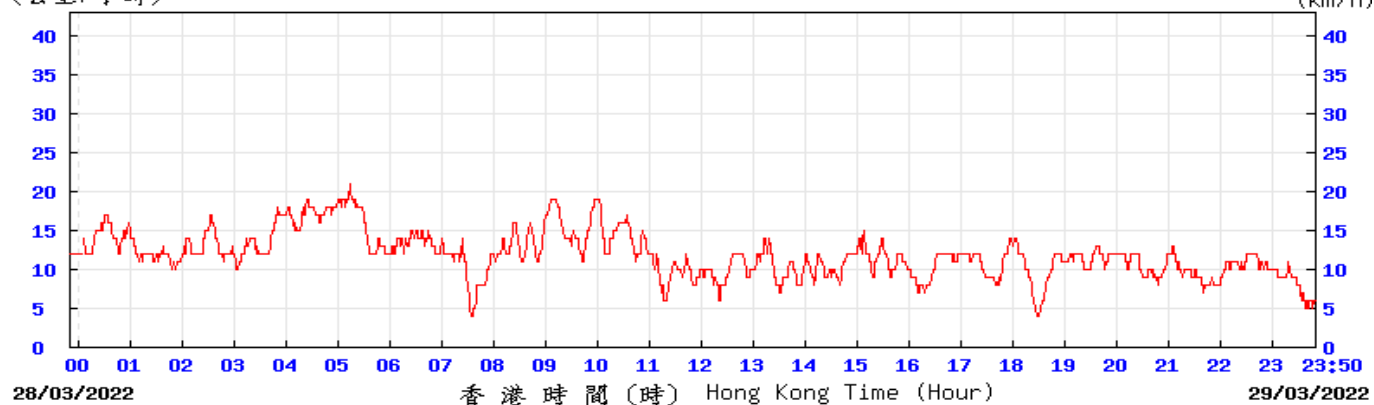


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## Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory

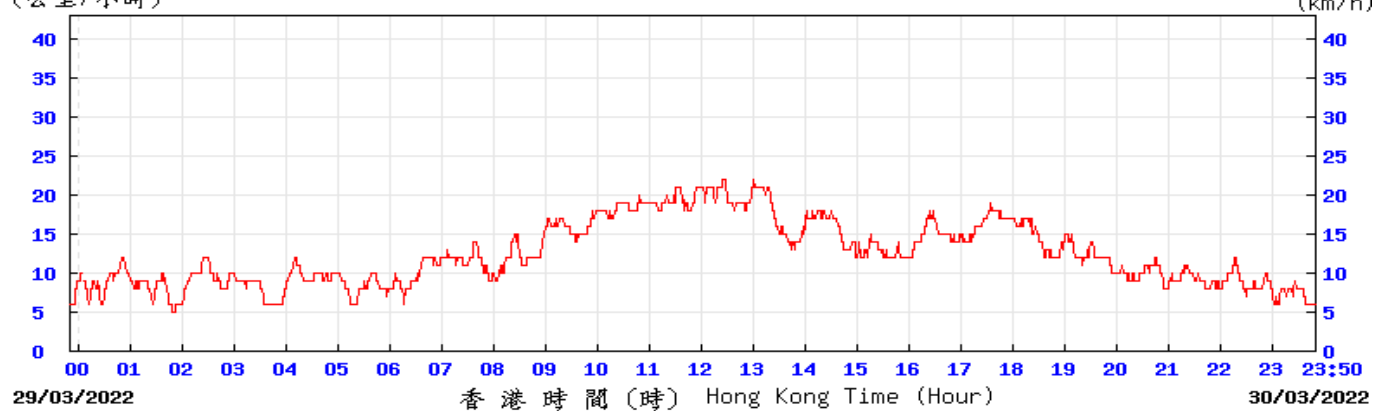
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(公里/小時) (於香港時間 2022 年 3 月 30 日 23 時 50 分更新) (Updated at 23:50H on 30 Mar 2022) (km/h)



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