

**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		
4/2/2022	Fine	14.4	1021.4	1.34	1.34	1.34	1925.3	2.7941	2.8270	0.0329	12306.36	12330.36	24.00	17.1
10/2/2022	Sunny	17.0	1017.7	1.34	1.34	1.34	1925.3	2.7905	2.8534	0.0629	12330.36	12354.36	24.00	32.7
16/2/2022	Sunny	16.9	1016.0	1.34	1.33	1.33	1921.0	2.8128	2.9080	0.0952	12354.36	12378.36	24.00	49.6
22/2/2022	Sunny	10.7	1022.0	1.34	1.34	1.34	1925.3	2.8004	2.8156	0.0152	12378.36	12402.36	24.00	7.9
28/2/2022	Cloudy	18.9	1018.6	1.34	1.34	1.34	1925.3	2.8079	2.8490	0.0411	12402.36	12426.36	24.00	21.3
													<b>Average</b>	<b>25.7</b>
													<b>Minimum</b>	<b>7.9</b>
													<b>Maximum</b>	<b>49.6</b>

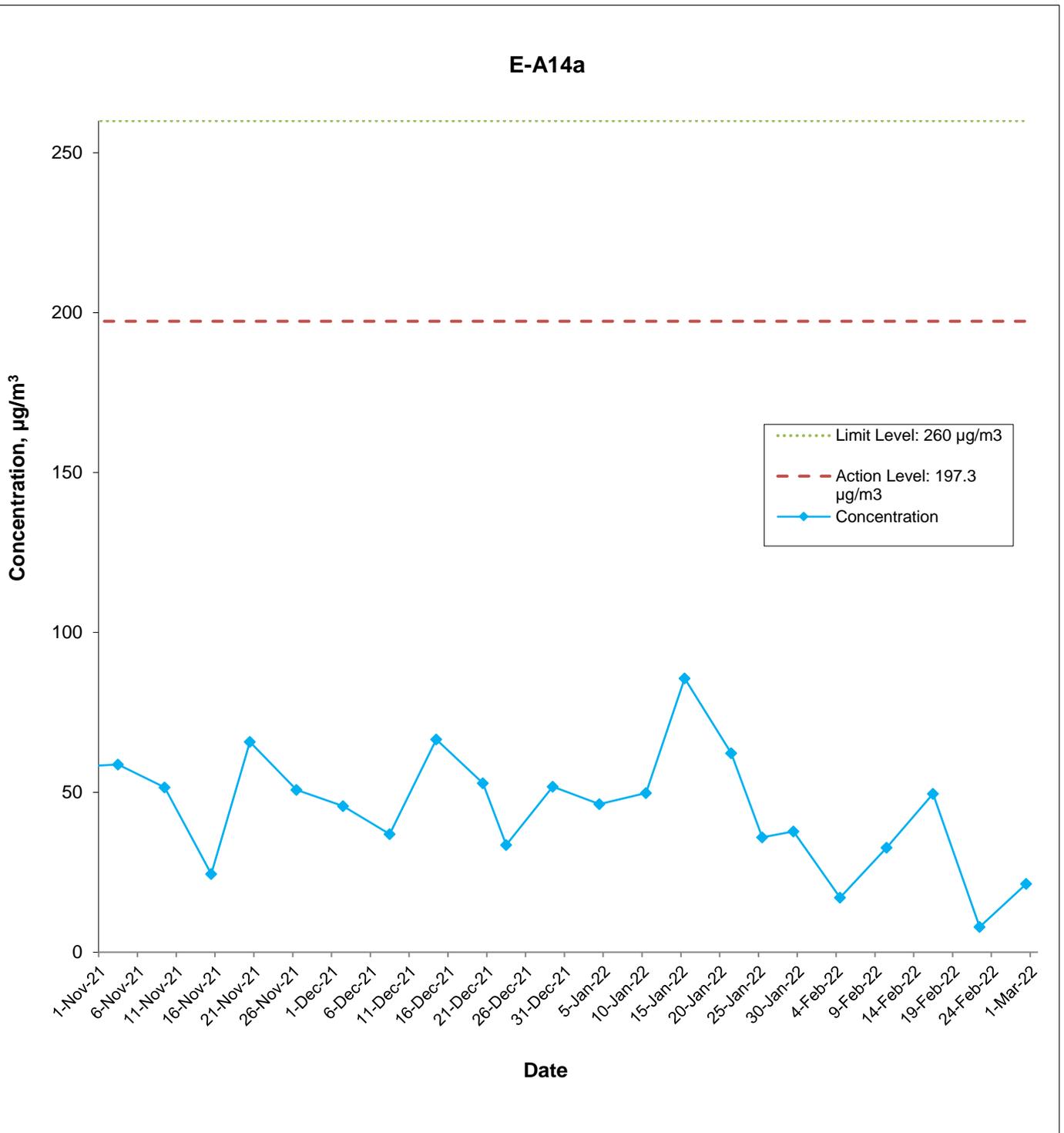
## Appendix G

### 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. ( $\mu\text{g}/\text{m}^3$ )
4/2/2022	15:05	Fine	52.7	52.4	53.4
10/2/2022	13:05	Sunny	58.7	60.8	59.5
16/2/2022	13:05	Sunny	59.9	60.9	59.1
22/2/2022	13:05	Sunny	57.7	56.5	57.4
28/2/2022	10:30	Cloudy	60.3	59.4	61.4
				Average	58.0
				Min	52.4
				Max	61.4

### E-A14a



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

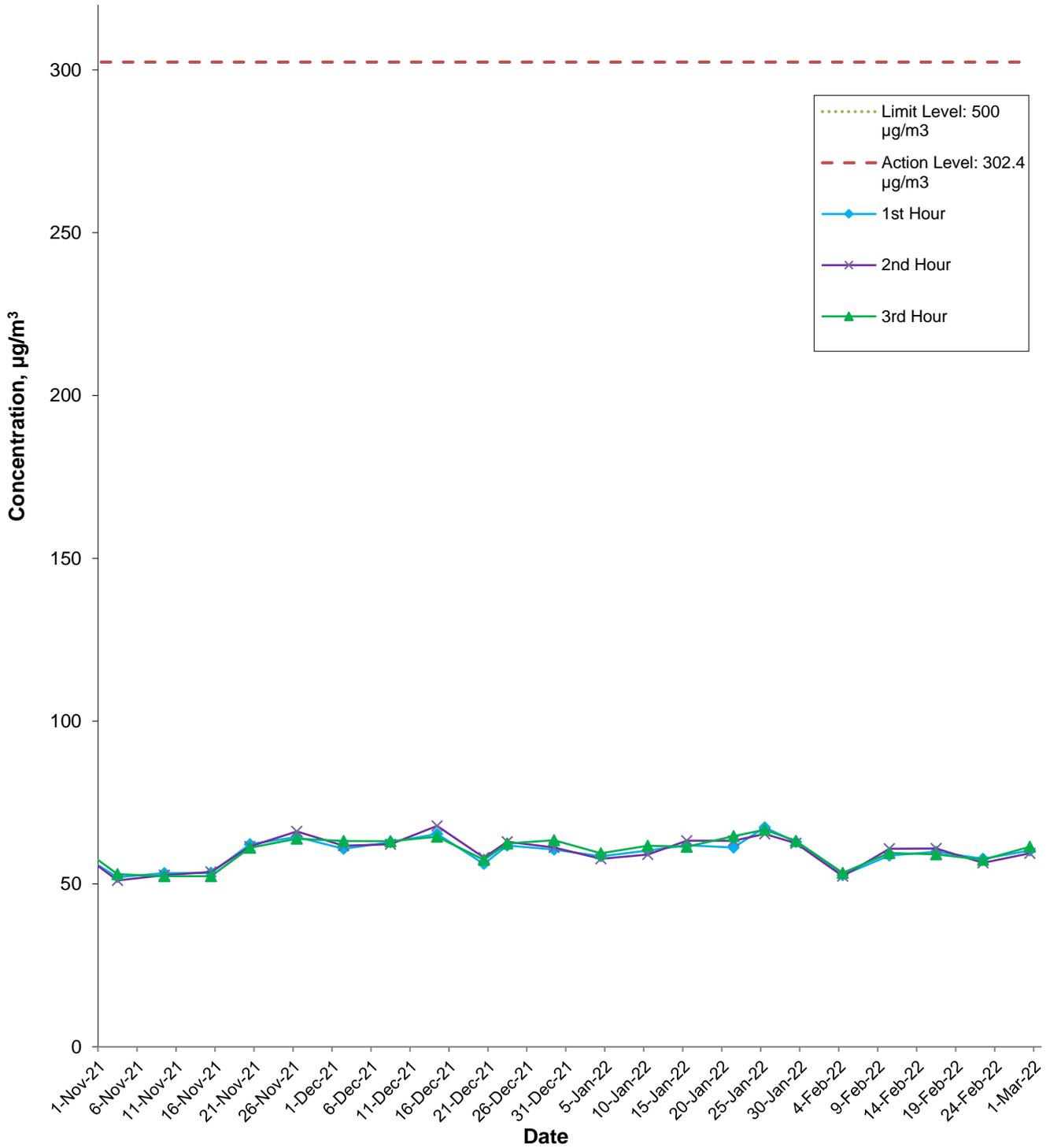


### Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: March 2022

Appendix G

### E-A14a



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



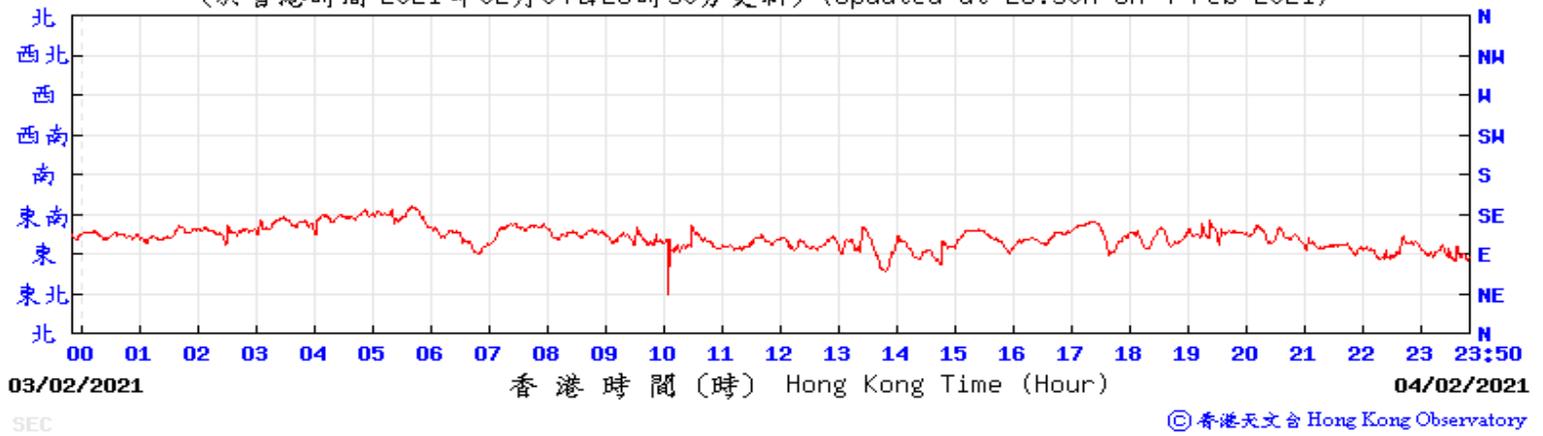
### Graphical Presentation of Impact 1-hour TSP Monitoring Results

Date: March 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02月04日23時50分更新) (Updated at 23:50H on 4 Feb 2021)



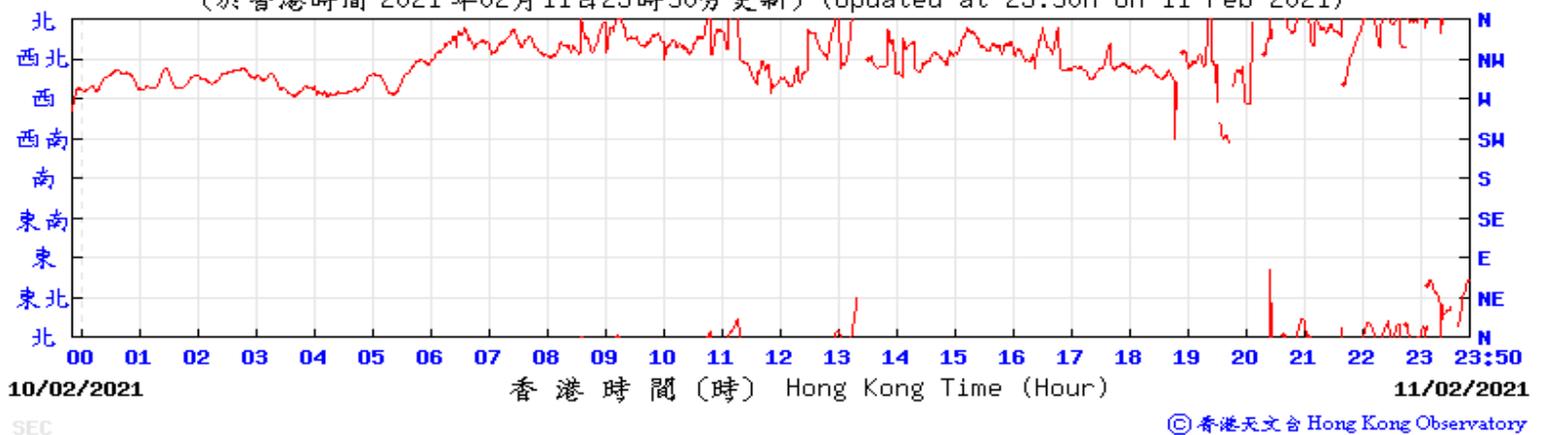
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(於香港時間 2021 年02月10日23時50分更新) (Updated at 23:50H on 10 Feb 2021)

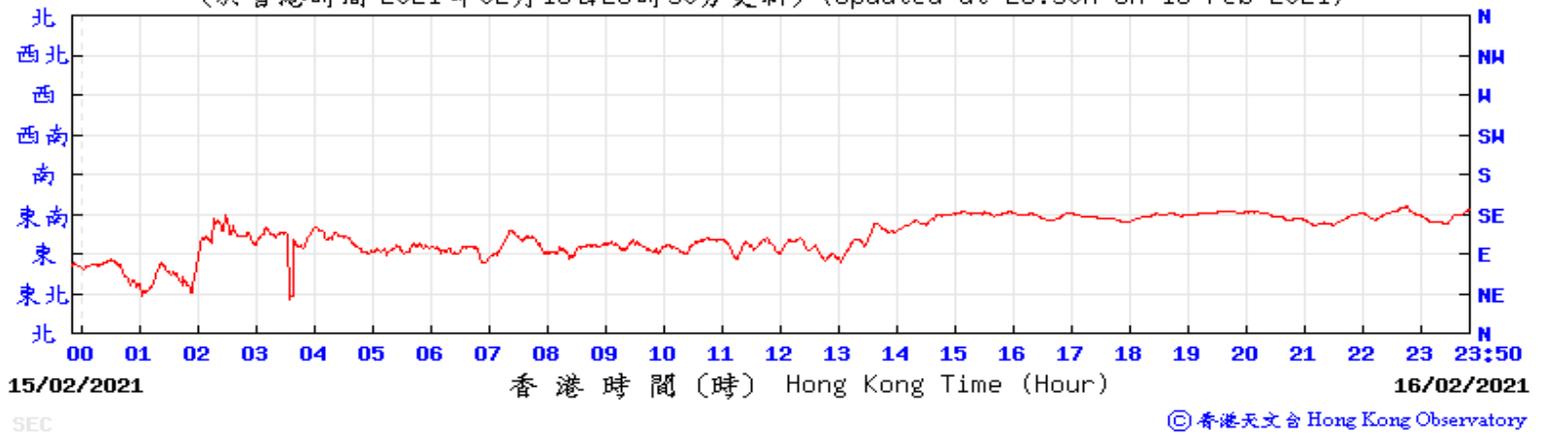


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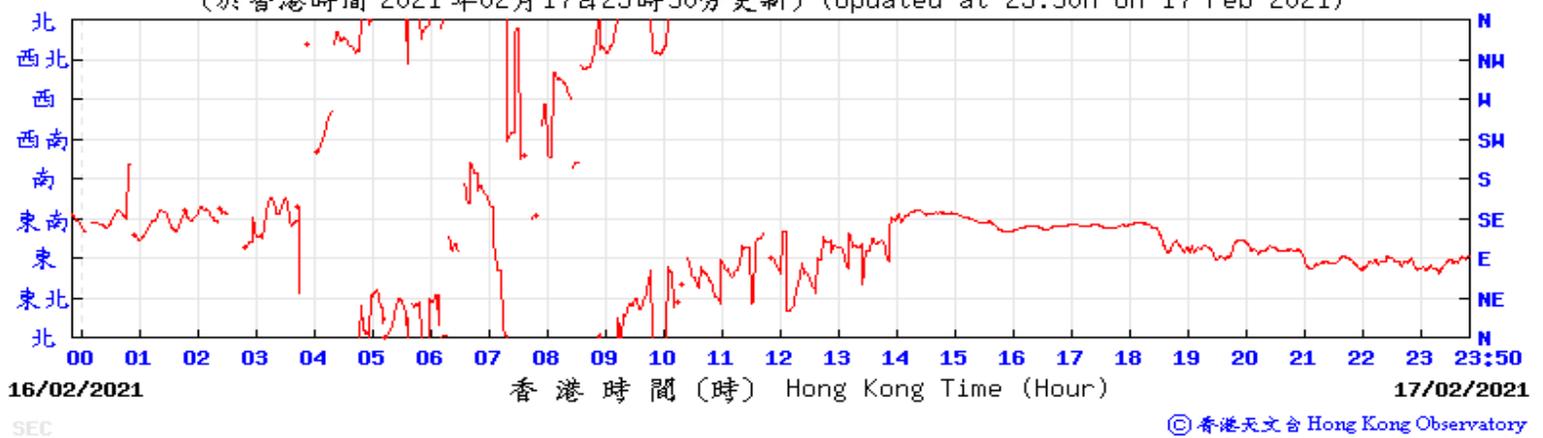


## Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory

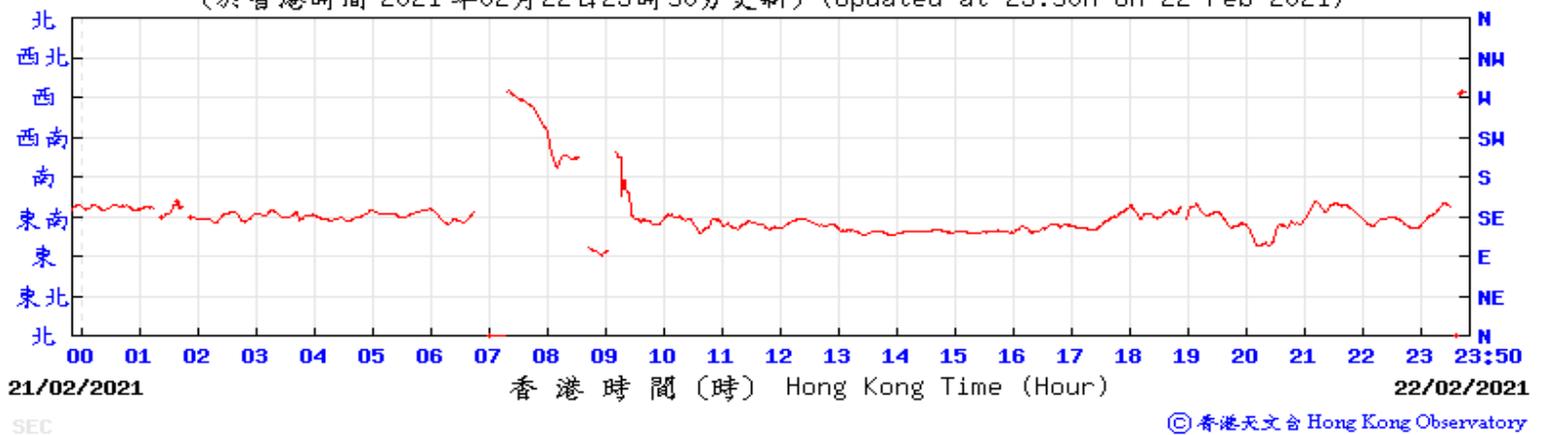
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(於香港時間 2021 年02月17日23時50分更新) (Updated at 23:50H on 17 Feb 2021)



(於香港時間 2021 年02月22日23時50分更新) (Updated at 23:50H on 22 Feb 2021)

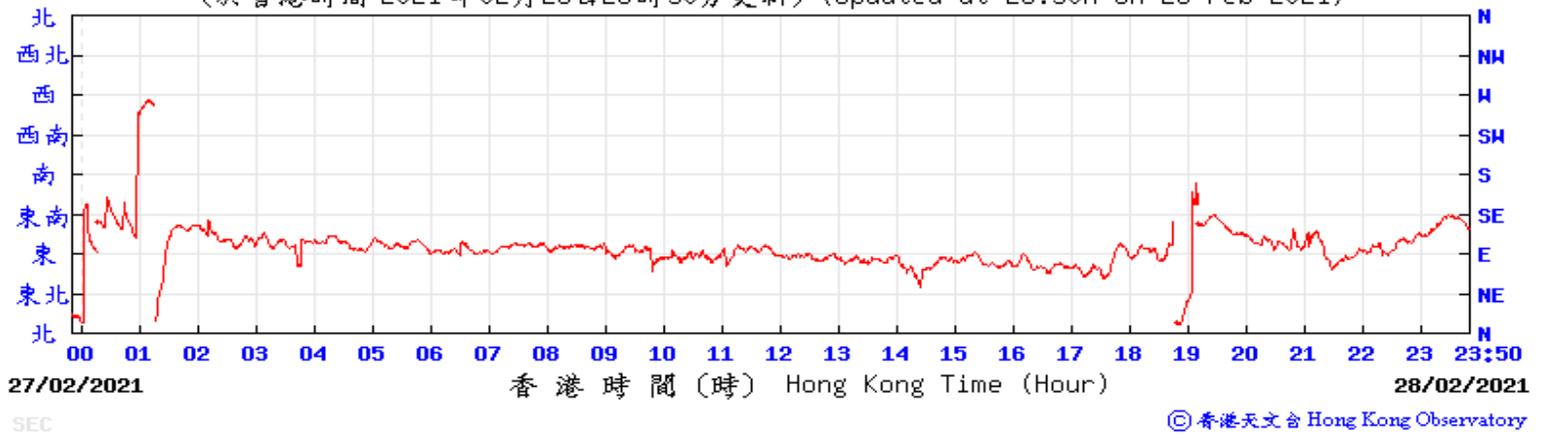


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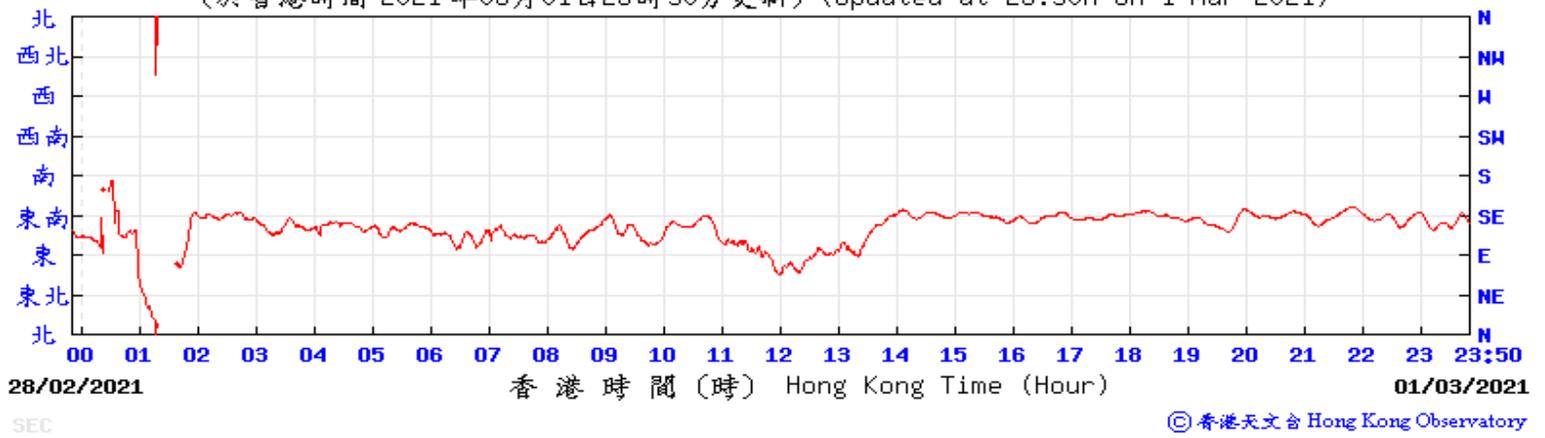


# Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory

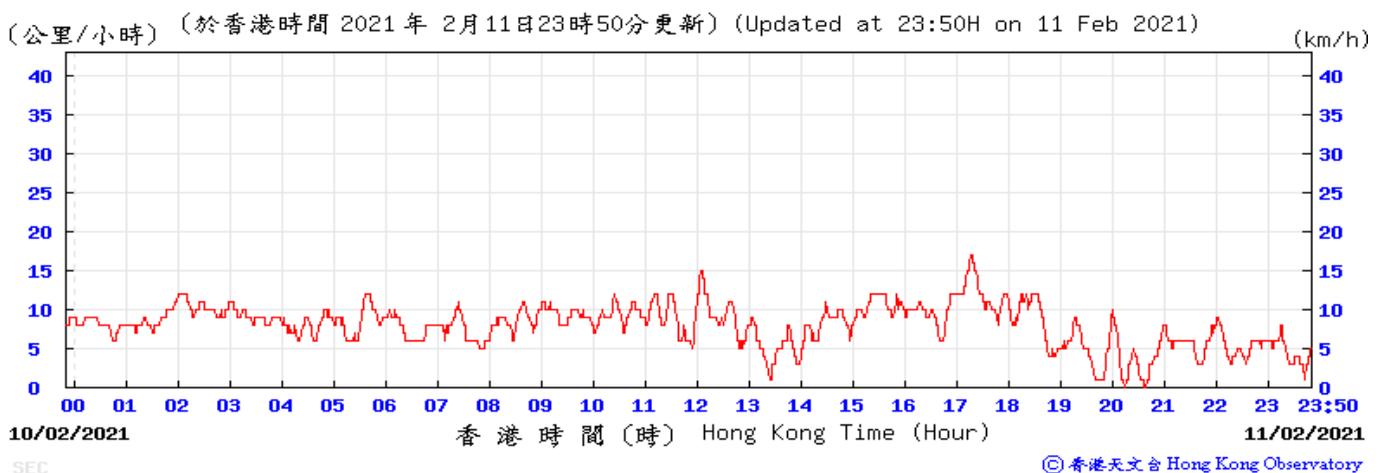
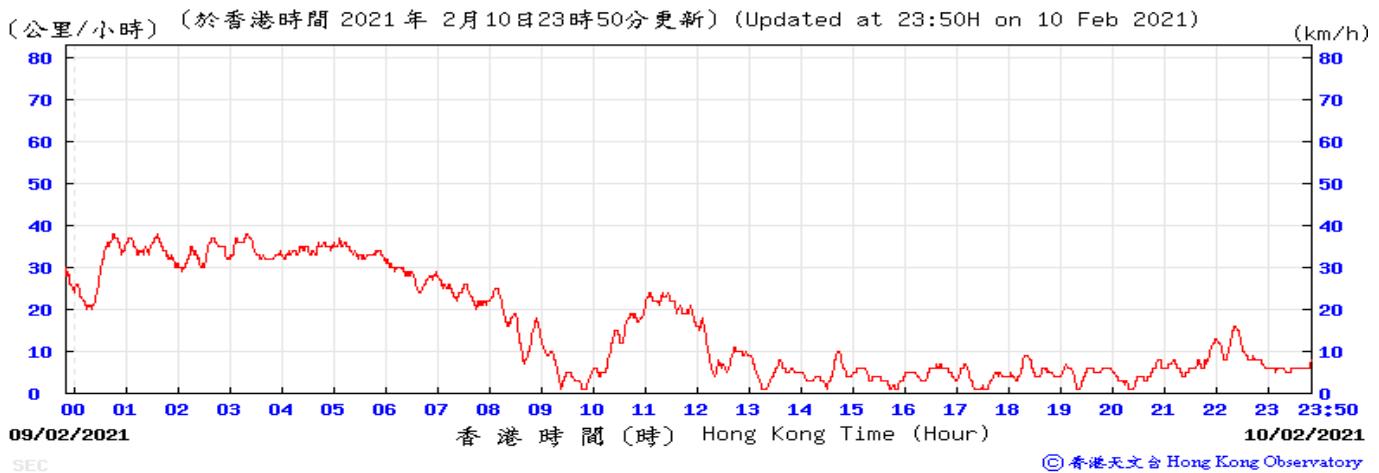
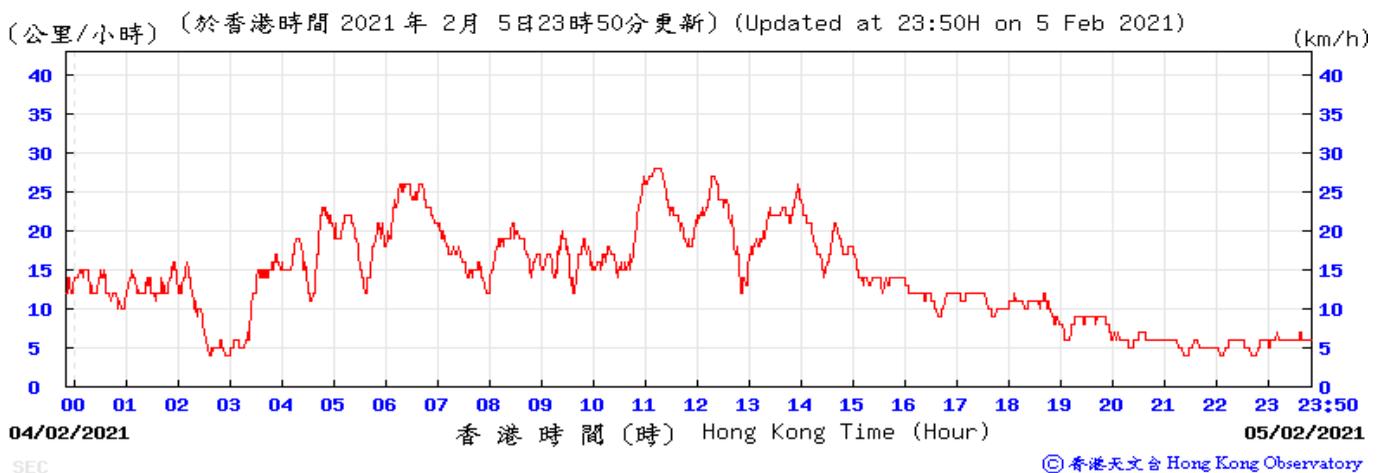
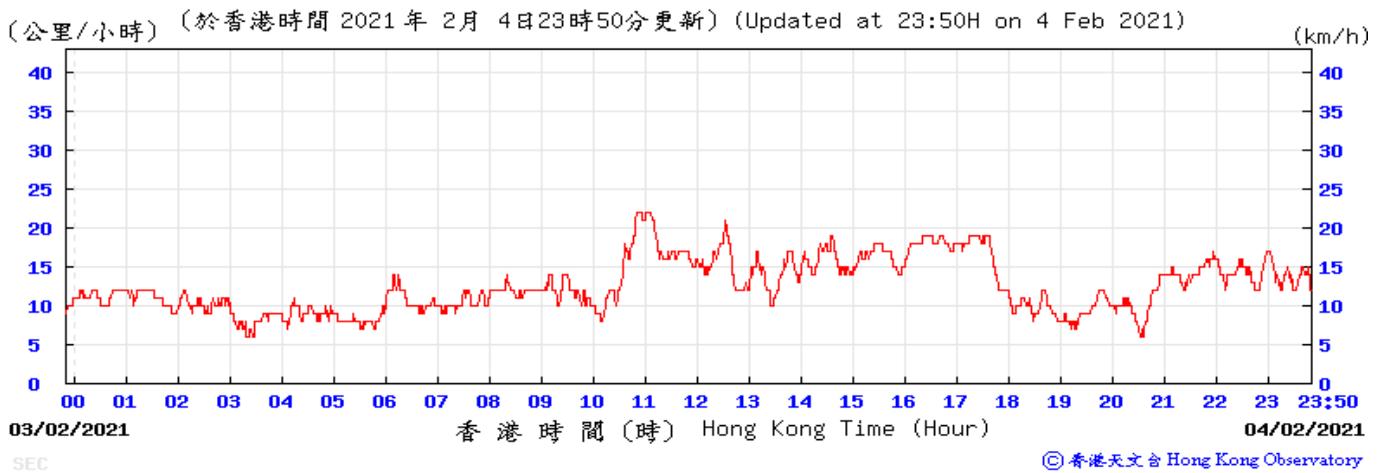
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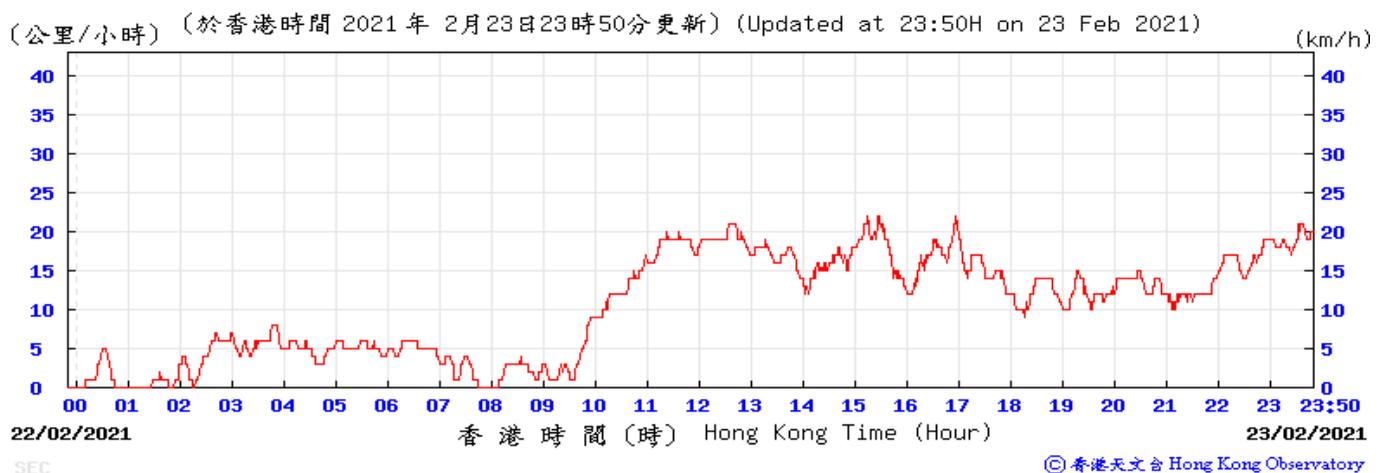
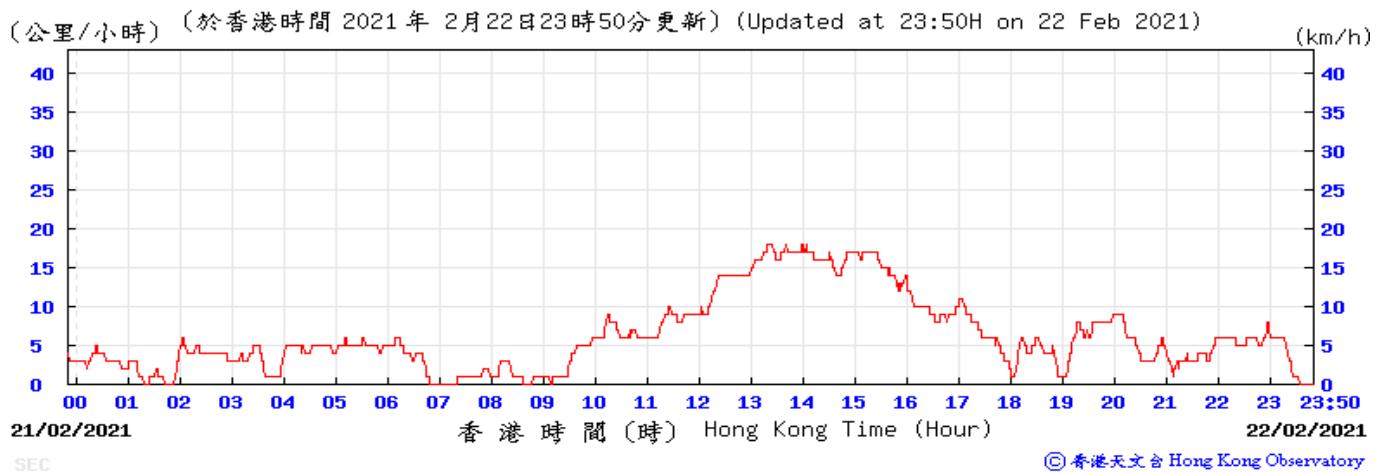
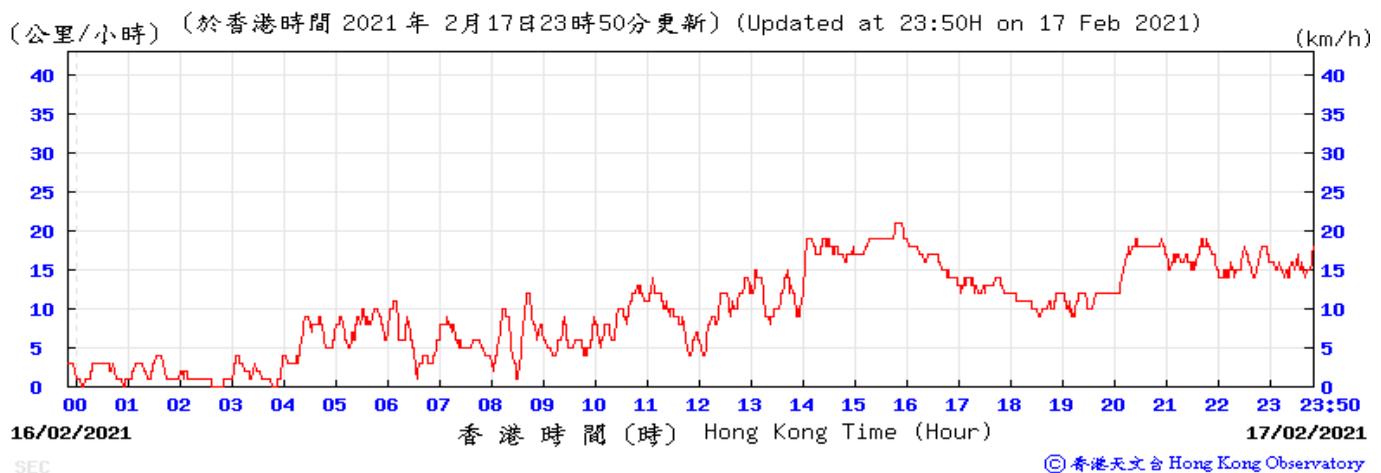
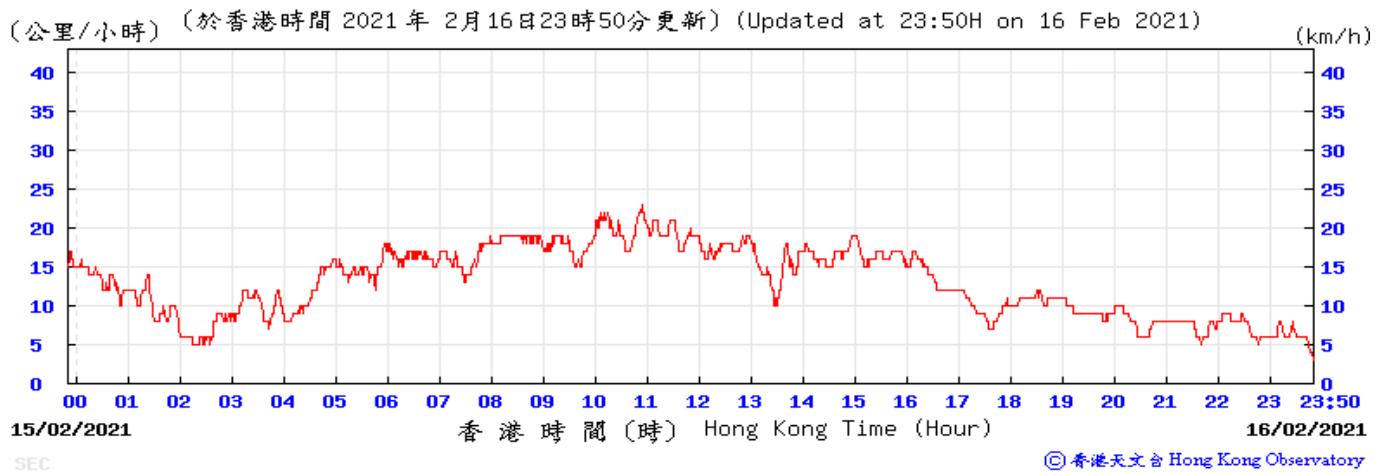
(於香港時間 2021 年03月01日23時50分更新) (Updated at 23:50H on 1 Mar 2021)



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

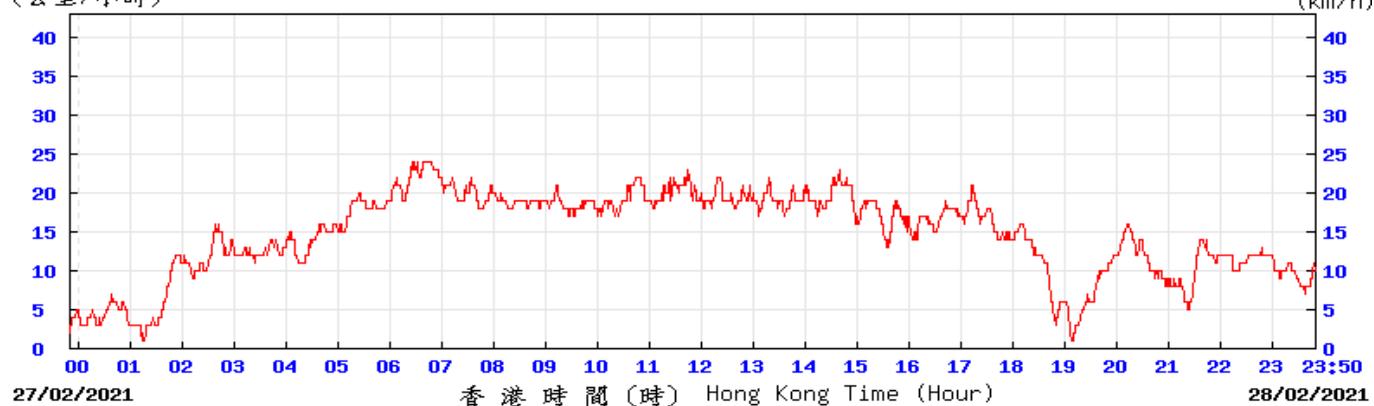


## Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory



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

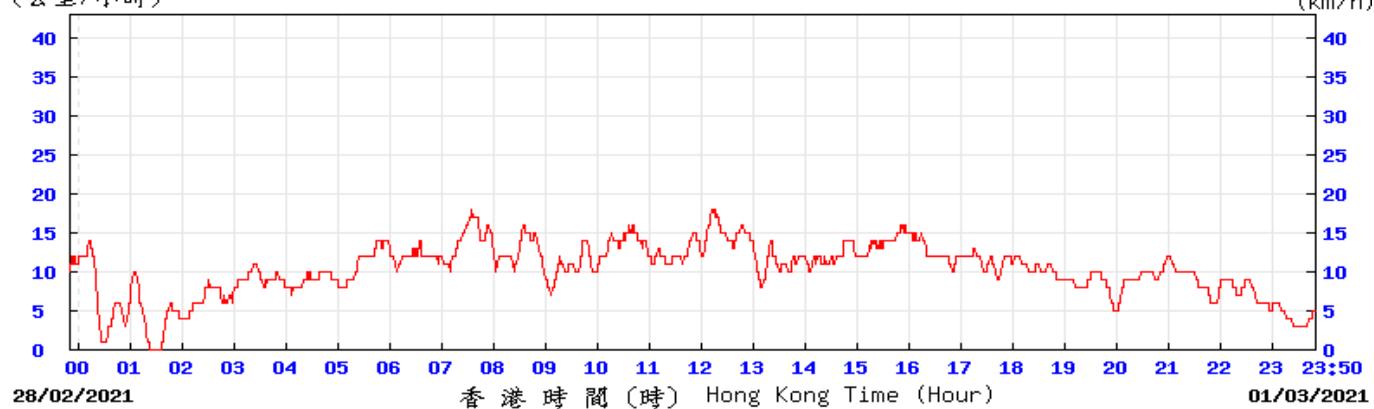
(公里/小時) (於香港時間 2021 年 2 月 28 日 23 時 50 分更新) (Updated at 23:50H on 28 Feb 2021) (km/h)



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(公里/小時) (於香港時間 2021 年 3 月 1 日 23 時 50 分更新) (Updated at 23:50H on 1 Mar 2021) (km/h)



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