

Appendix G
Air Quality Monitoring Results

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

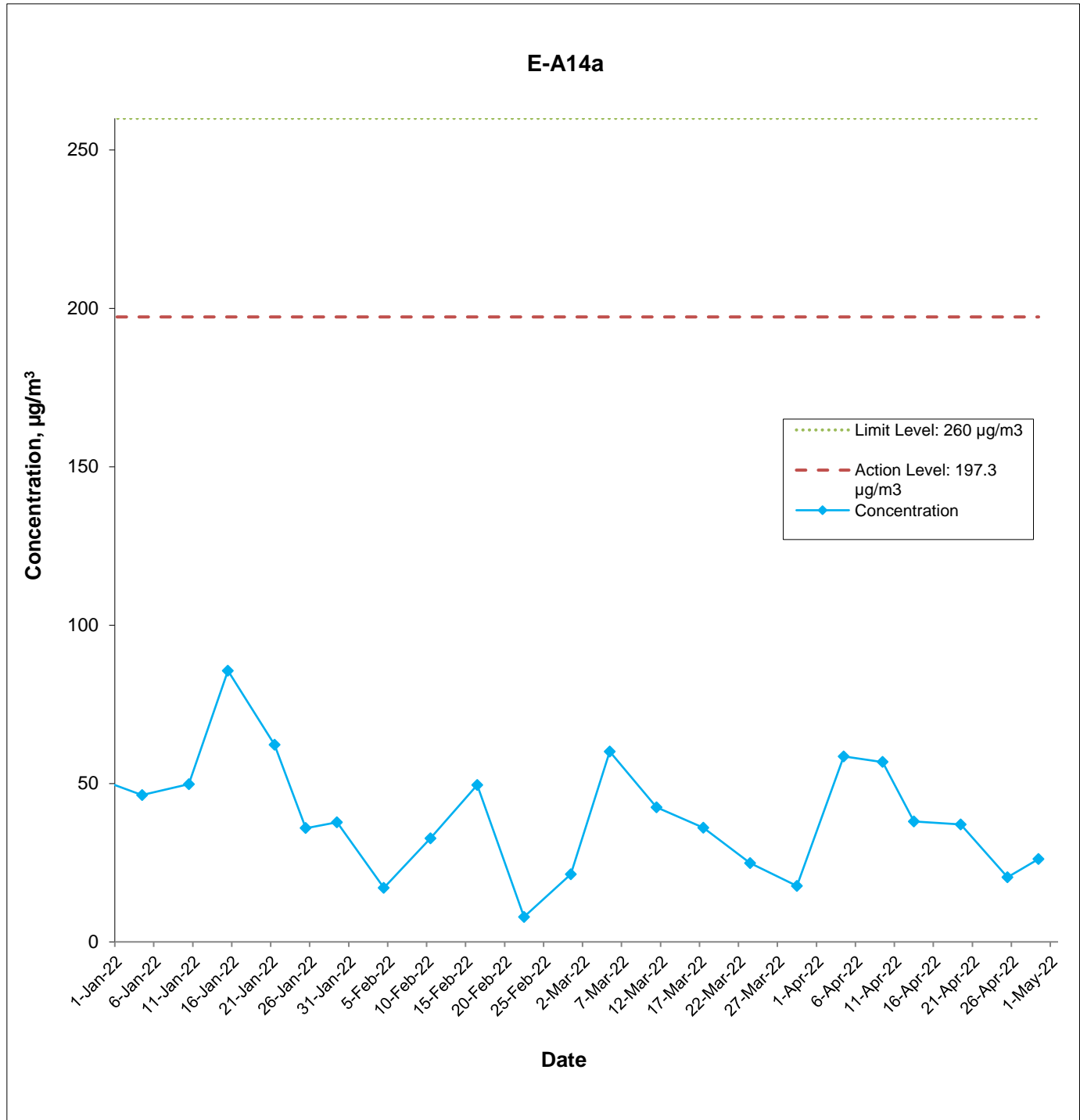
| Date | Weather Condition | Air Temp. (°C) | Atmospheric Pressure (hPa) | Flow Rate (m ³ /min.) | | Av. flow (m ³ /min) | Total vol. (m ³) | Filter Weight (g) | | Particulate weight(g) | Elapse Time | | Sampling Time(hrs.) | Conc. (µg/m ³) |
|-----------|-------------------|----------------|----------------------------|----------------------------------|-------|--------------------------------|------------------------------|-------------------|--------|-----------------------|-------------|----------|---------------------|----------------------------|
| | | | | Initial | Final | | | Initial | Final | | Initial | Final | | |
| 4/4/2022 | Sunny | 20.1 | 1022.2 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.6478 | 2.7603 | 0.1125 | 12546.36 | 12570.36 | 24.00 | 58.6 |
| 9/4/2022 | Fine | 23.1 | 1013.8 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.6736 | 2.7827 | 0.1091 | 12570.36 | 12594.36 | 24.00 | 56.8 |
| 13/4/2022 | Sunny | 25.3 | 1006.8 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.6819 | 2.7550 | 0.0731 | 12594.36 | 12618.36 | 24.00 | 38.1 |
| 19/4/2022 | Cloudy | 20.1 | 1017.3 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.6766 | 2.7478 | 0.0712 | 12618.36 | 12642.36 | 24.00 | 37.1 |
| 25/4/2022 | Sunny | 27.9 | 1008.6 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.6788 | 2.7180 | 0.0392 | 12642.36 | 12666.36 | 24.00 | 20.4 |
| 29/4/2022 | Sunny | 28.2 | 1011.0 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.6773 | 2.7276 | 0.0503 | 12666.36 | 12690.36 | 24.00 | 26.2 |
| | | | | | | | | | | | | | Average | 39.5 |
| | | | | | | | | | | | | | Minimum | 20.4 |
| | | | | | | | | | | | | | Maximum | 58.6 |

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. ($\mu\text{g}/\text{m}^3$) |
| 4/4/2022 | 10:30 | Sunny | 64.1 | 62.1 | 65.7 |
| 9/4/2022 | 14:00 | Fine | 63.2 | 61.4 | 60.7 |
| 13/4/2022 | 10:30 | Sunny | 62.0 | 61.2 | 59.9 |
| 19/4/2022 | 10:30 | Cloudy | 57.9 | 58.5 | 59.2 |
| 25/4/2022 | 14:20 | Sunny | 62.7 | 61.8 | 61.1 |
| 29/4/2022 | 13:10 | Sunny | 61.3 | 60.2 | 62.8 |
| | | | | Average | 61.4 |
| | | | | Min | 57.9 |
| | | | | Max | 65.7 |



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

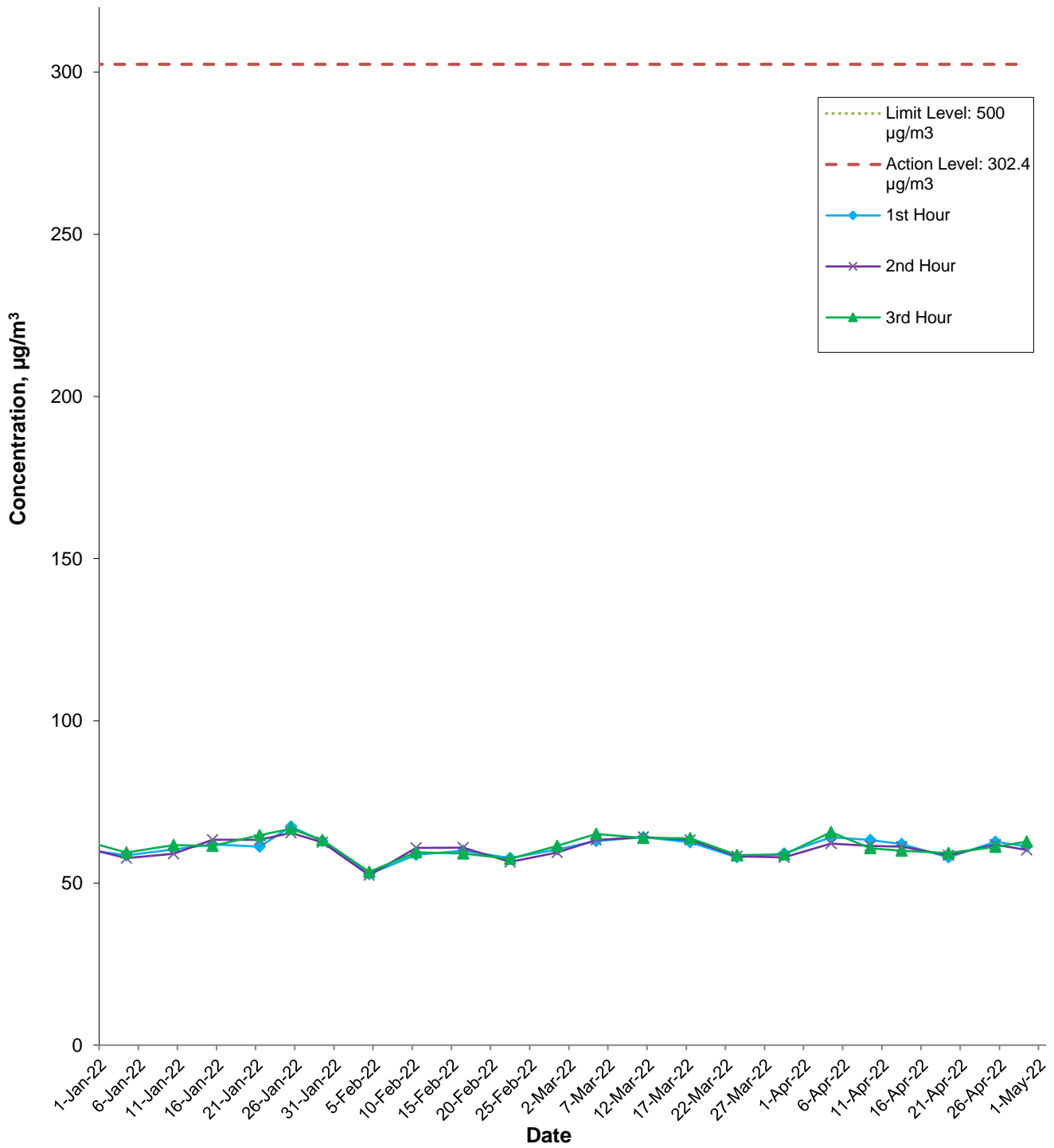


Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: May 2022

Appendix G

E-A14a



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



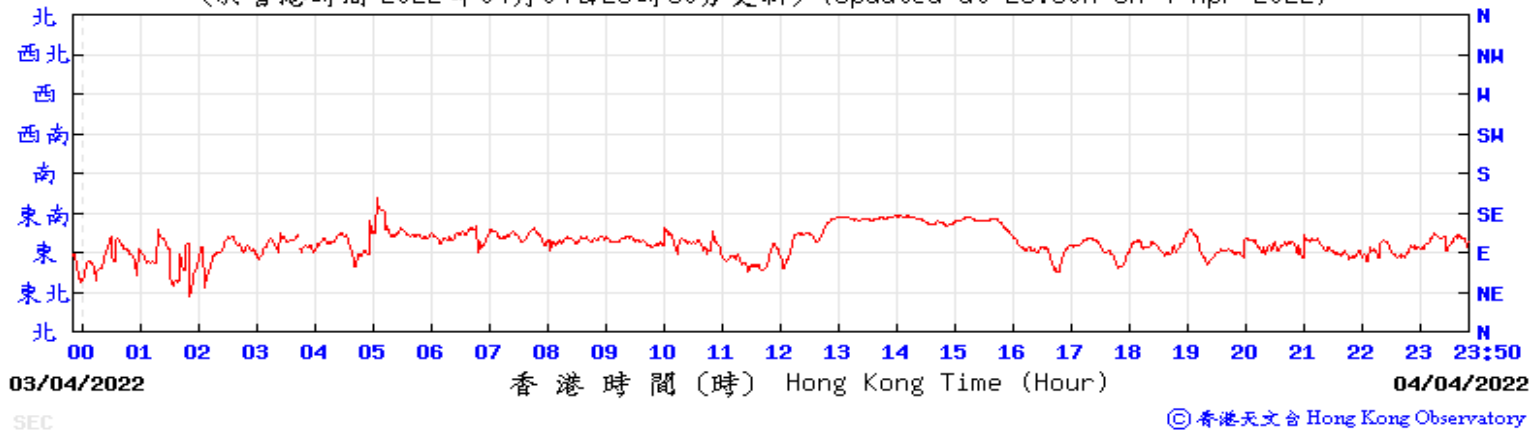
Graphical Presentation of Impact 1-hour TSP Monitoring Results

Date: May 2022

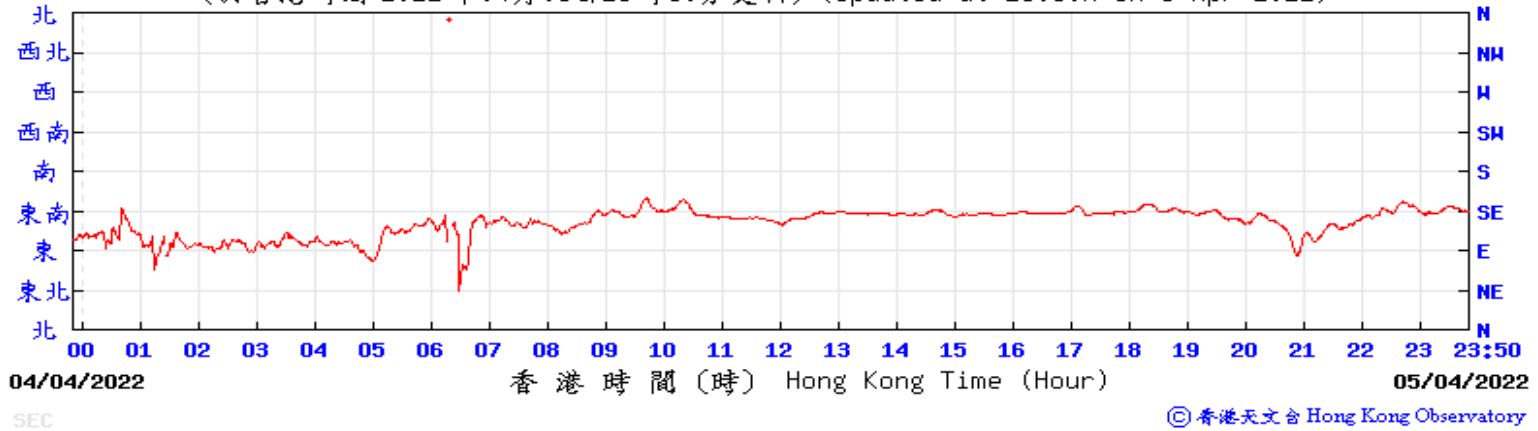
Appendix G

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

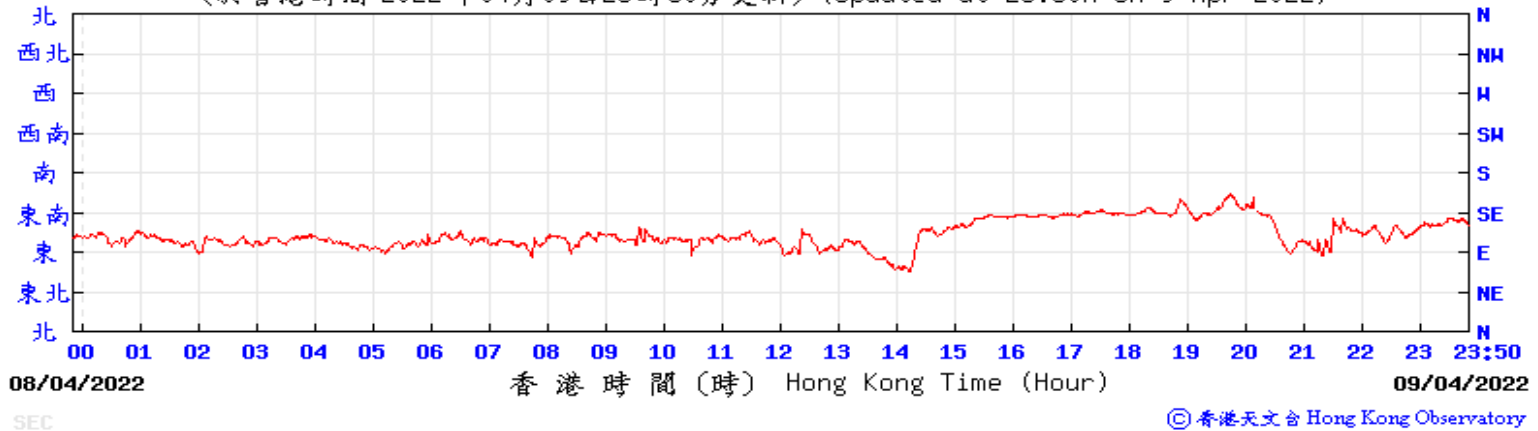
(於香港時間 2022 年04月04日23時50分更新) (Updated at 23:50H on 4 Apr 2022)



(於香港時間 2022 年04月05日23時50分更新) (Updated at 23:50H on 5 Apr 2022)



(於香港時間 2022 年04月09日23時50分更新) (Updated at 23:50H on 9 Apr 2022)

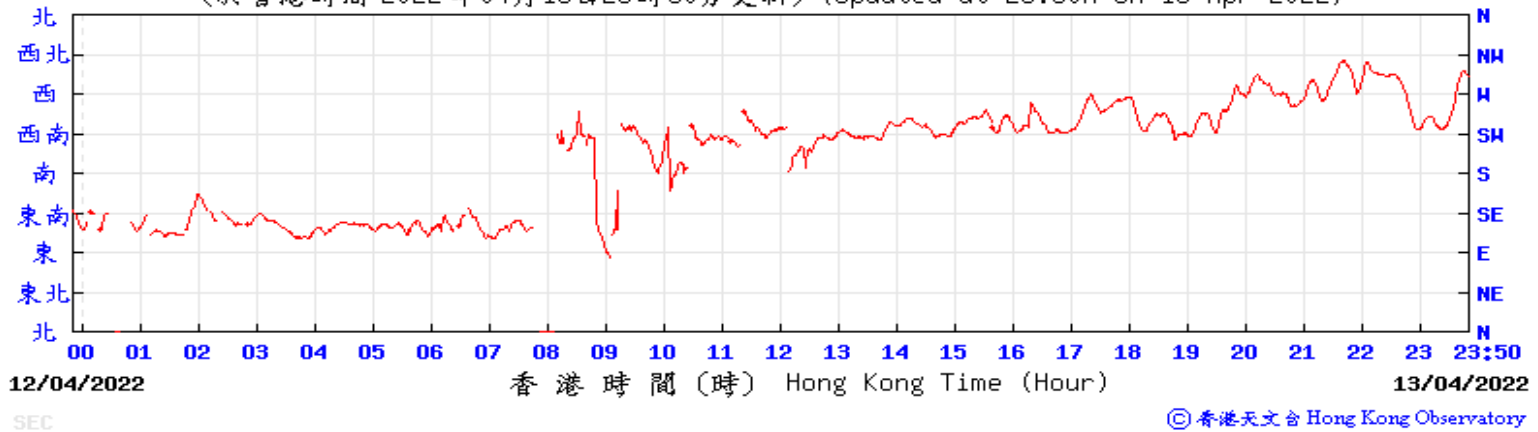


(於香港時間 2022 年04月10日23時50分更新) (Updated at 23:50H on 10 Apr 2022)



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

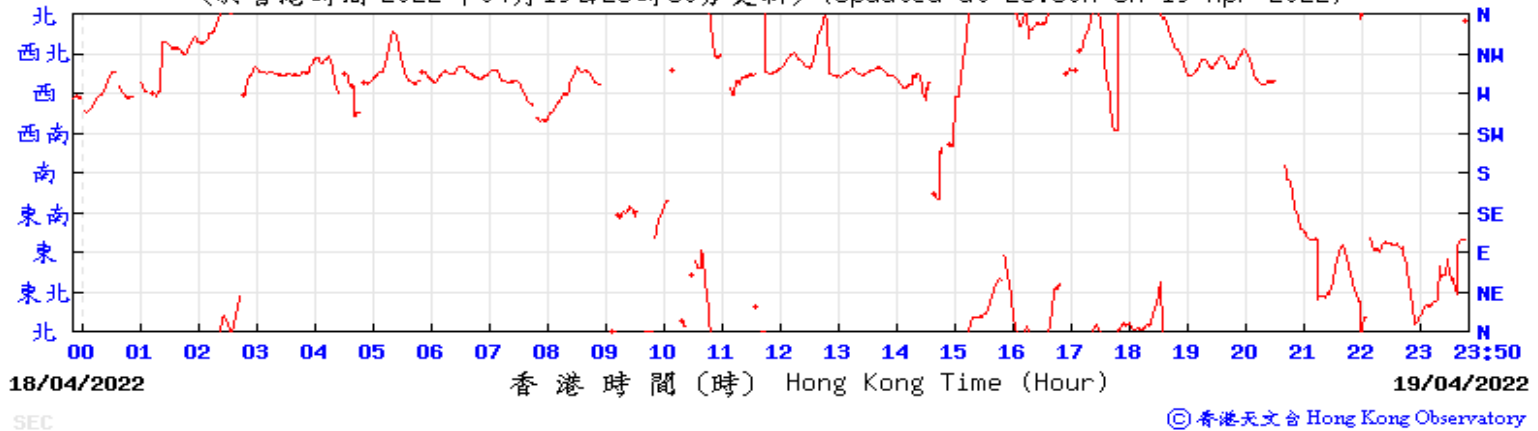
(於香港時間 2022 年04月13日23時50分更新) (Updated at 23:50H on 13 Apr 2022)



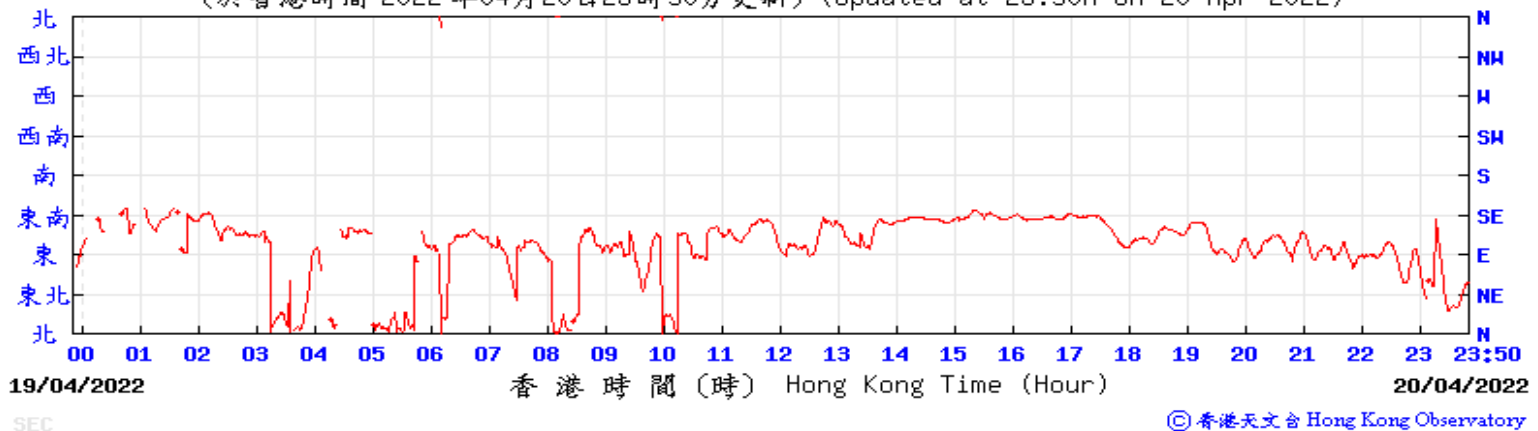
(於香港時間 2022 年04月14日23時50分更新) (Updated at 23:50H on 14 Apr 2022)



(於香港時間 2022 年04月19日23時50分更新) (Updated at 23:50H on 19 Apr 2022)

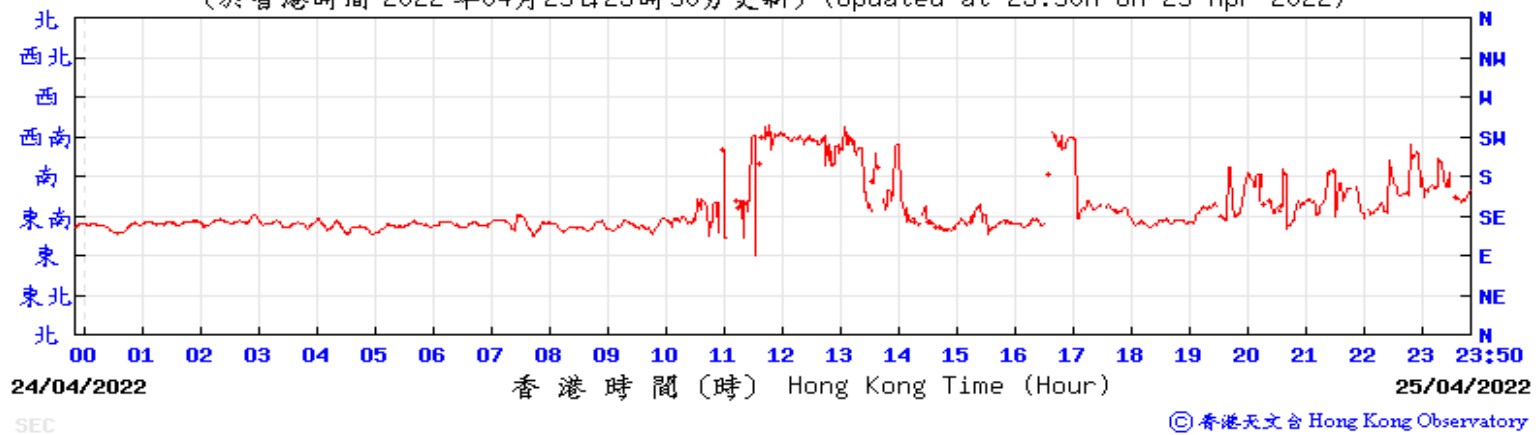


(於香港時間 2022 年04月20日23時50分更新) (Updated at 23:50H on 20 Apr 2022)

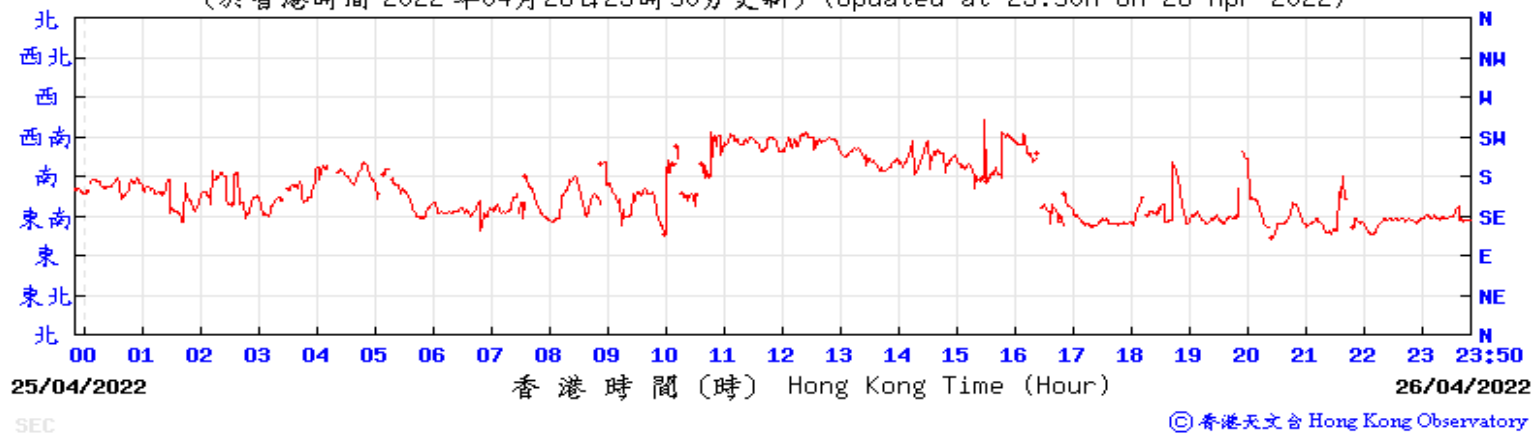


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory April 2022

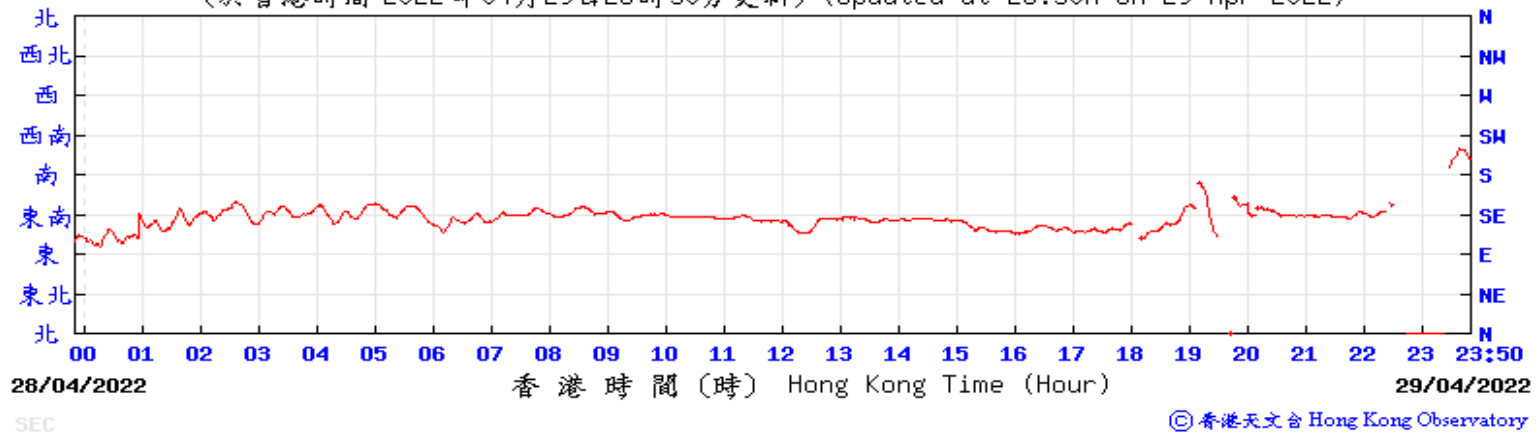
(於香港時間 2022 年04月25日23時50分更新) (Updated at 23:50H on 25 Apr 2022)



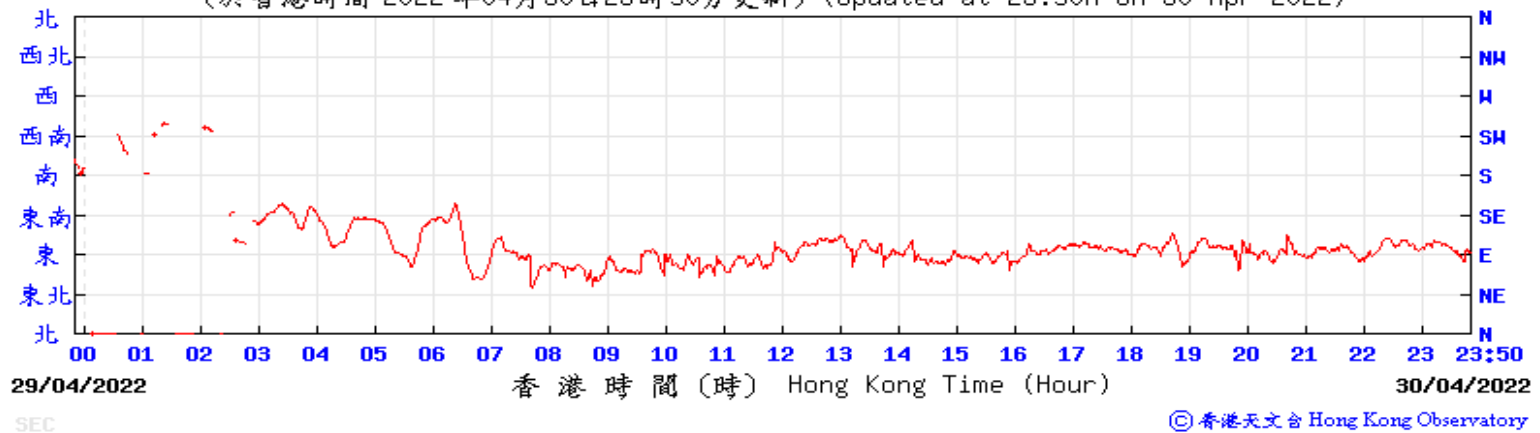
(於香港時間 2022 年04月26日23時50分更新) (Updated at 23:50H on 26 Apr 2022)



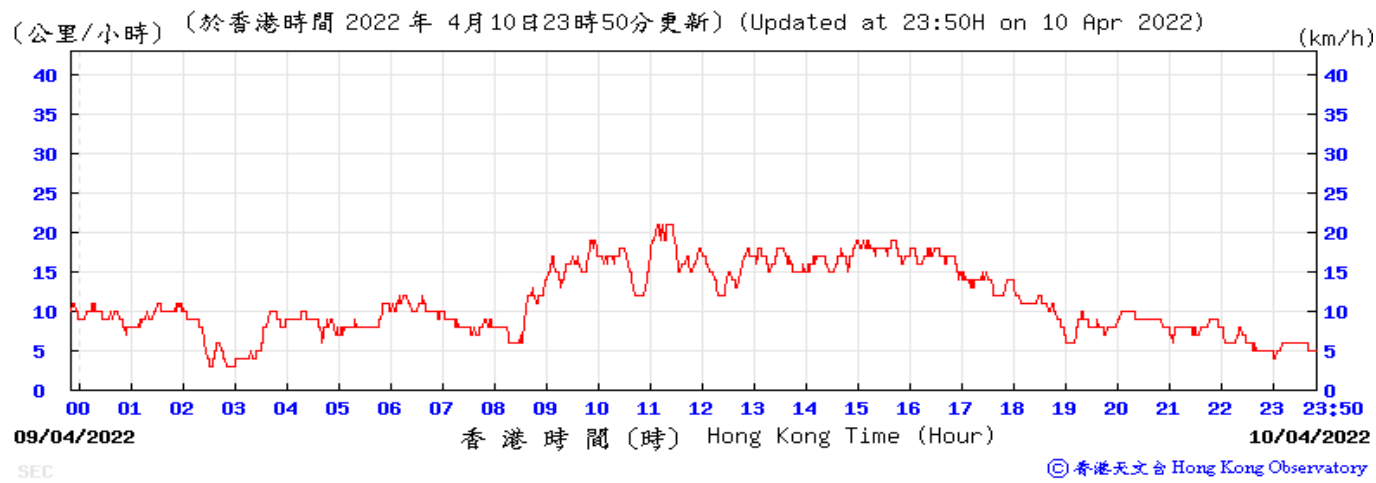
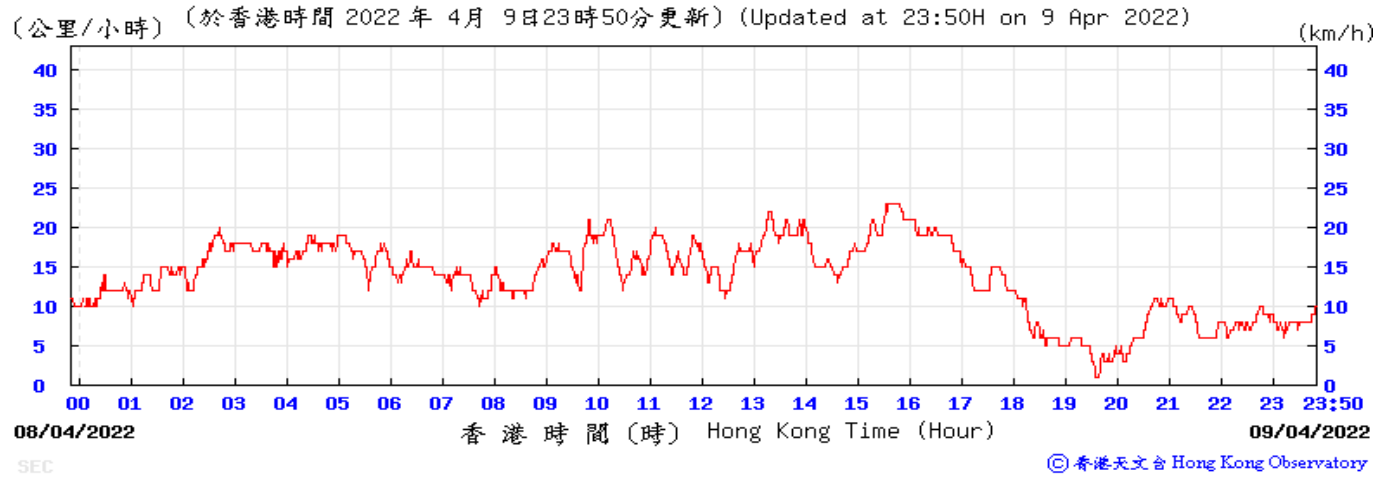
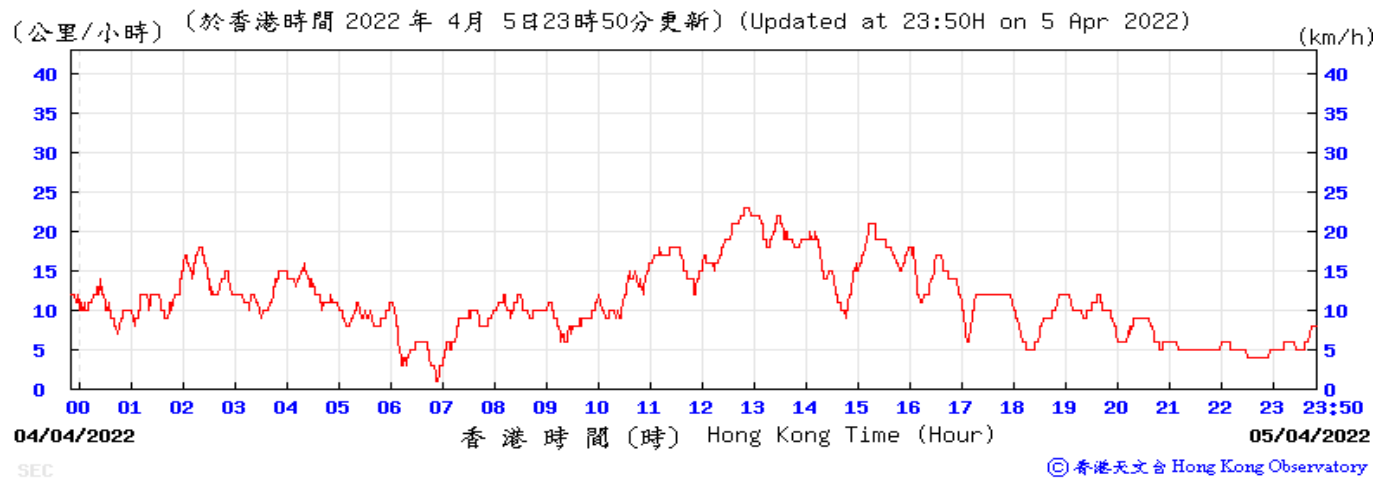
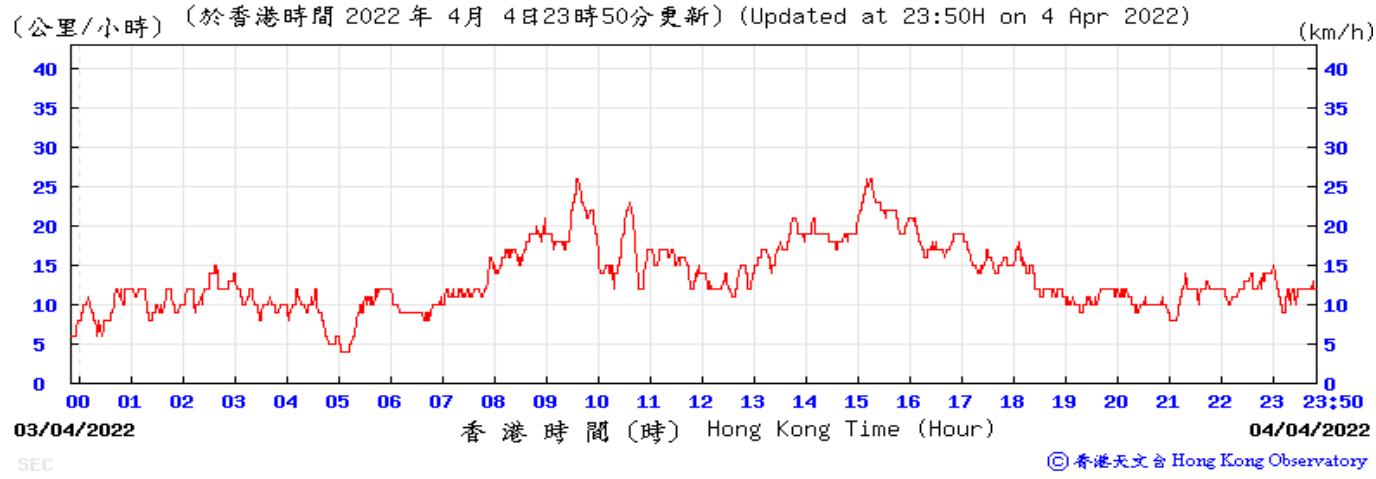
(於香港時間 2022 年04月29日23時50分更新) (Updated at 23:50H on 29 Apr 2022)



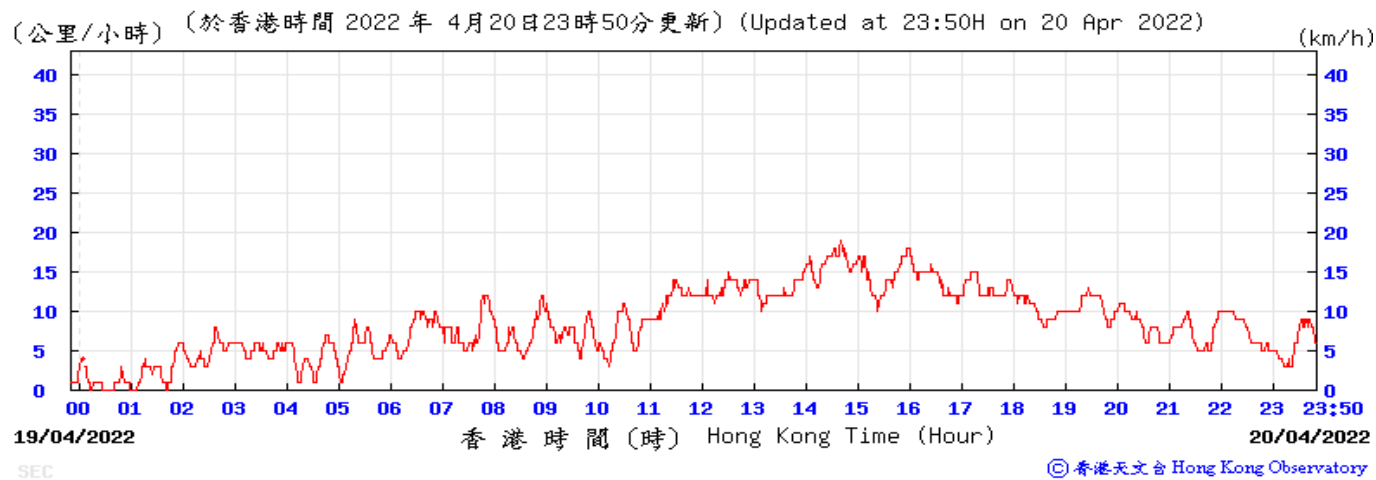
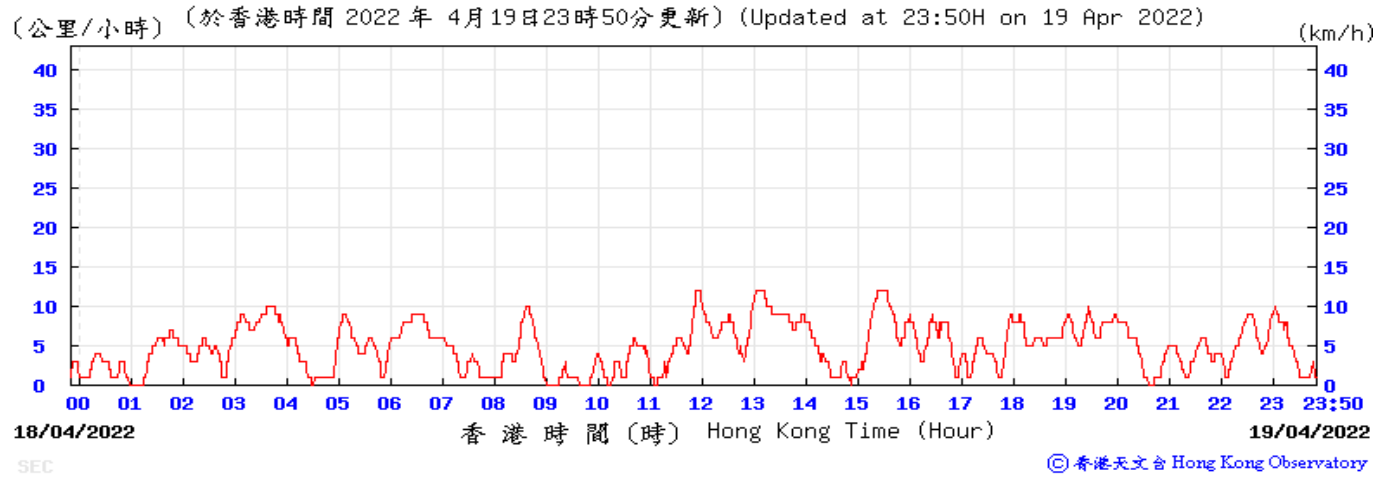
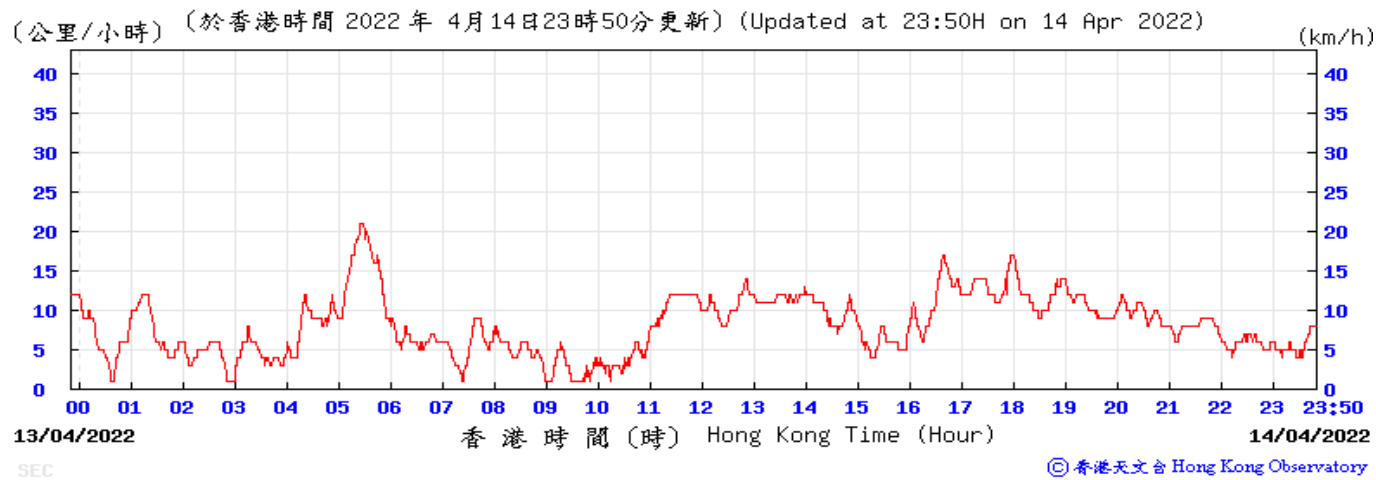
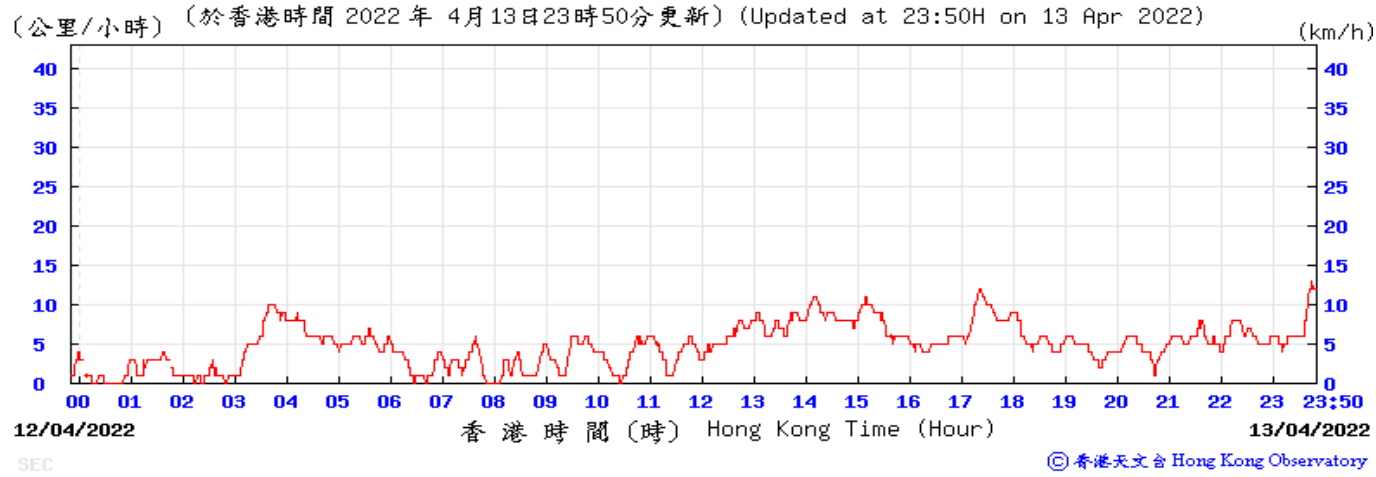
(於香港時間 2022 年04月30日23時50分更新) (Updated at 23:50H on 30 Apr 2022)



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



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



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

