

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-Jan-23 | Sunny | 17.4 | 1023.4 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.7759 | 2.8580 | 0.0821 | 13722.06 | 13746.06 | 24.00 | 42.7 |
| 10-Jan-23 | Cloudy | 18.2 | 1018.8 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.7759 | 2.8486 | 0.0727 | 13746.06 | 13770.06 | 24.00 | 37.8 |
| 16-Jan-23 | Sunny | 12.3 | 1021.6 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.7705 | 2.8058 | 0.0353 | 13770.06 | 13794.06 | 24.00 | 18.4 |
| 21-Jan-23 | Fine | 16.9 | 1019.5 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.7467 | 2.8689 | 0.1222 | 13794.06 | 13818.06 | 24.00 | 63.6 |
| 27-Jan-23 | Sunny | 15.4 | 1022.5 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.7497 | 2.8636 | 0.1139 | 13818.06 | 13842.06 | 24.00 | 59.3 |
| | | | | | | | | | | | | | Average | 44.4 |
| | | | | | | | | | | | | | Minimum | 18.4 |
| | | | | | | | | | | | | | Maximum | 63.6 |

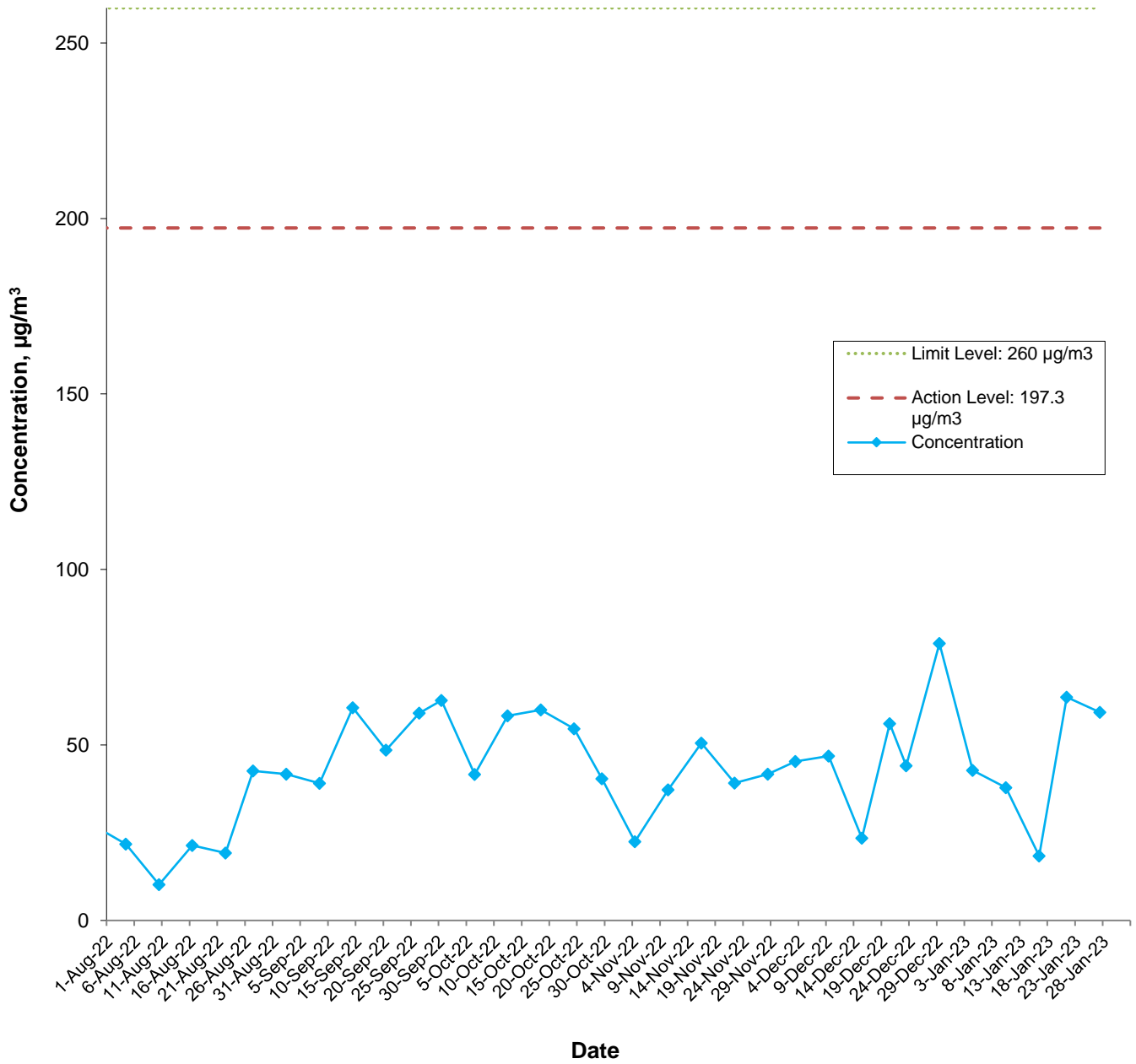
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Air Quality Monitoring Results

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-Jan-23 | 11:30 | Sunny | 57.4 | 59.1 | 61.7 |
| 10-Jan-23 | 13:10 | Cloudy | 58.8 | 59.4 | 60.2 |
| 16-Jan-23 | 13:00 | Sunny | 60.7 | 62.0 | 59.9 |
| 21-Jan-23 | 14:05 | Fine | 61.6 | 62.2 | 63.4 |
| 27-Jan-23 | 13:00 | Sunny | 59.7 | 58.9 | 58.1 |
| | | | | Average | 60.2 |
| | | | | Min | 57.4 |
| | | | | Max | 63.4 |

E-A14a



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

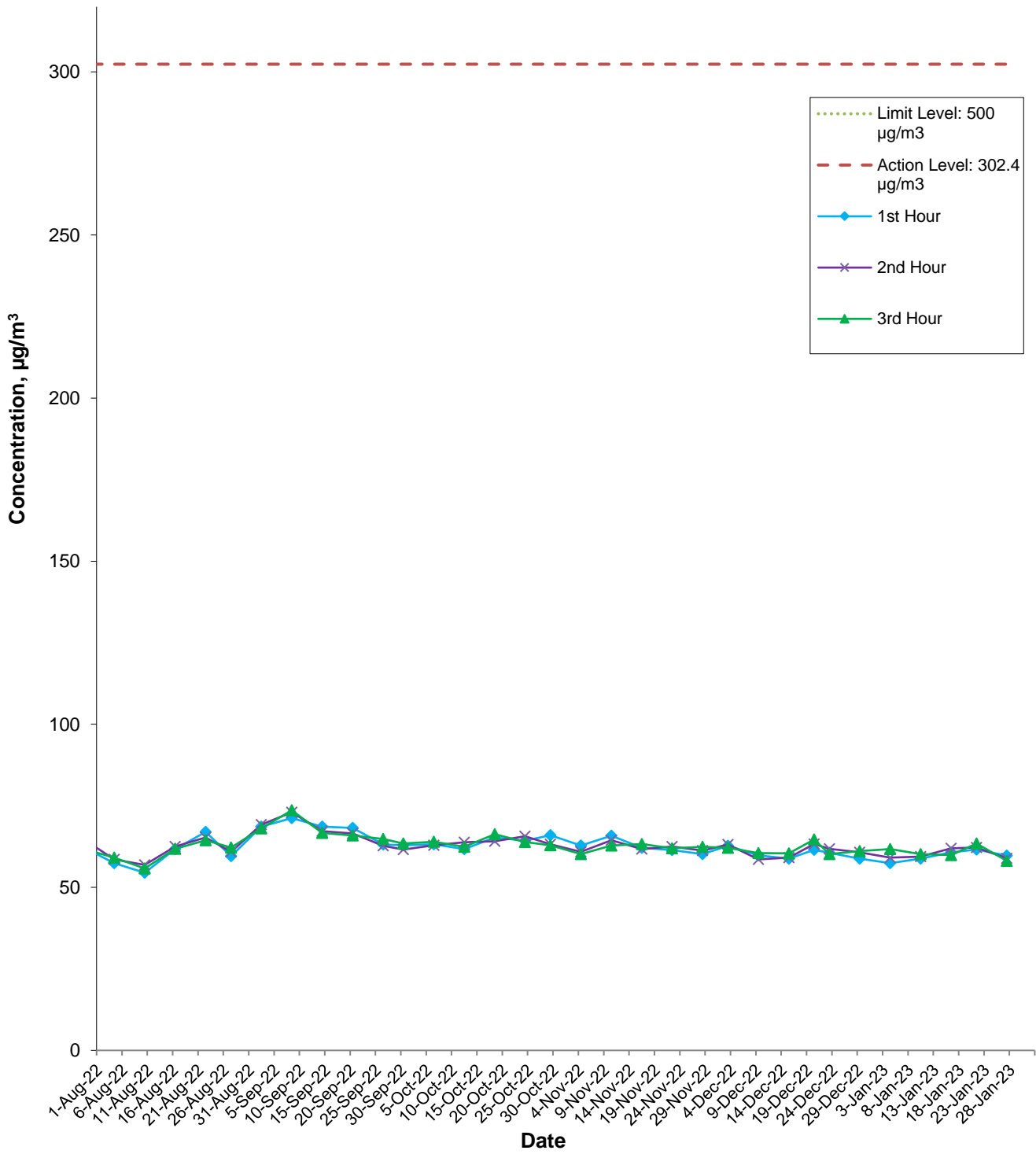


Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: #REF!

Appendix G

E-A14a



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



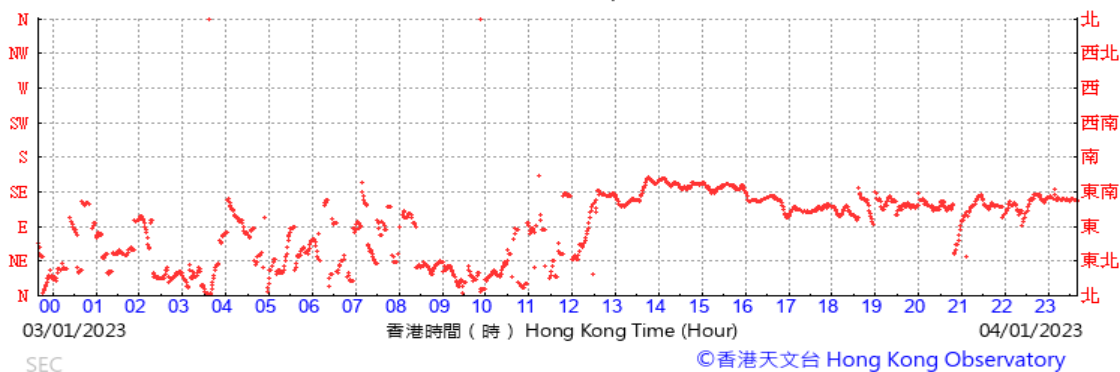
Graphical Presentation of Impact 1-hour TSP Monitoring Results

Date: #REF!

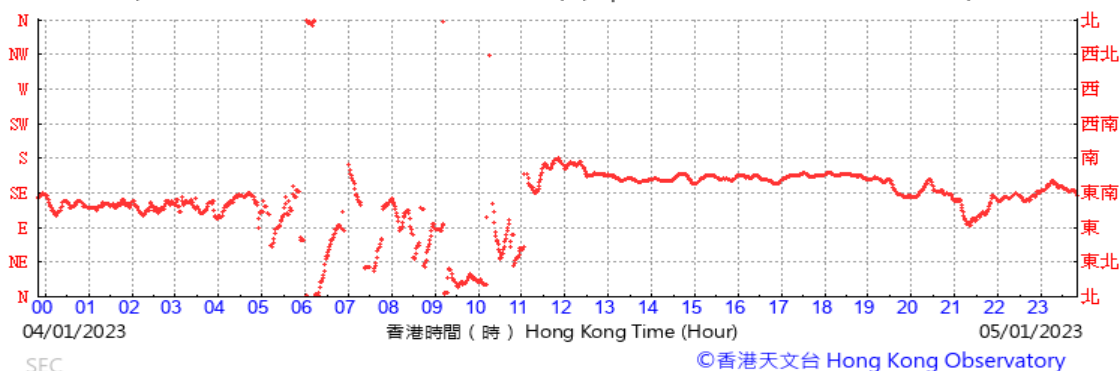
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Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory January 2023

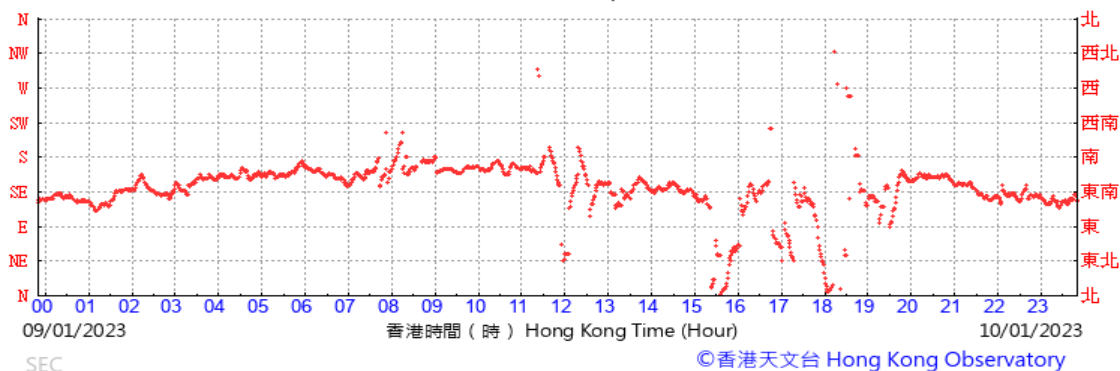
(於香港時間04/01/2023 23 時 40 分更新) (Updated at 23:40H on 04/01/2023)



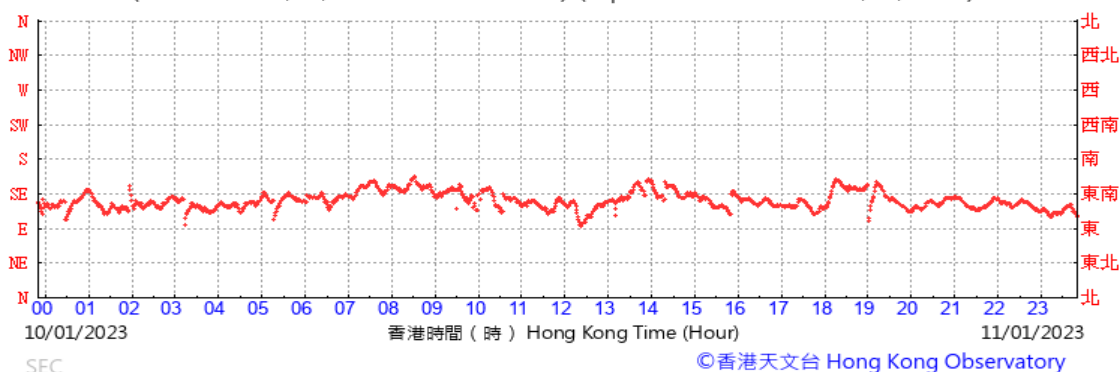
(於香港時間05/01/2023 23 時 50 分更新) (Updated at 23:50H on 05/01/2023)



(於香港時間10/01/2023 23 時 50 分更新) (Updated at 23:50H on 10/01/2023)

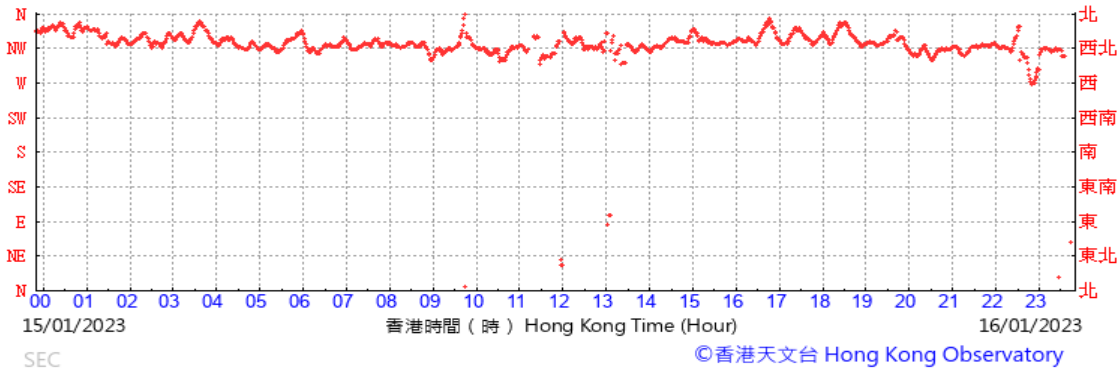


(於香港時間11/01/2023 23 時 50 分更新) (Updated at 23:50H on 11/01/2023)

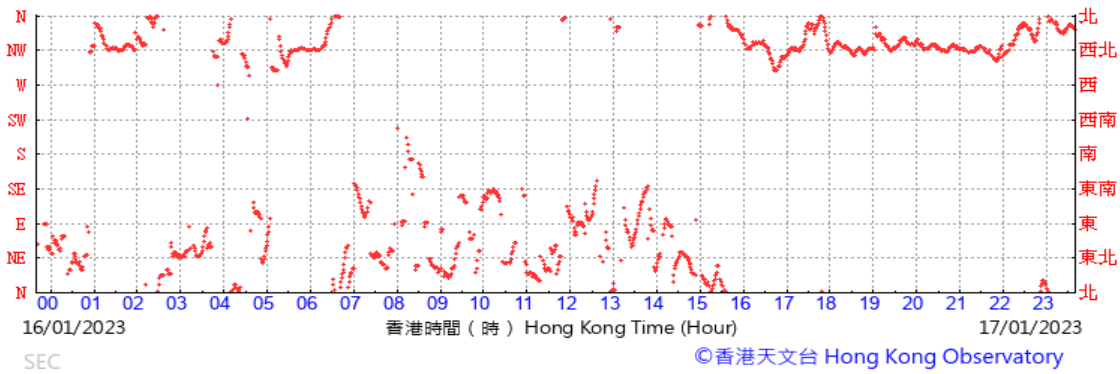


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory January 2023

(於香港時間16/01/2023 23 時 50 分更新) (Updated at 23:50H on 16/01/2023)



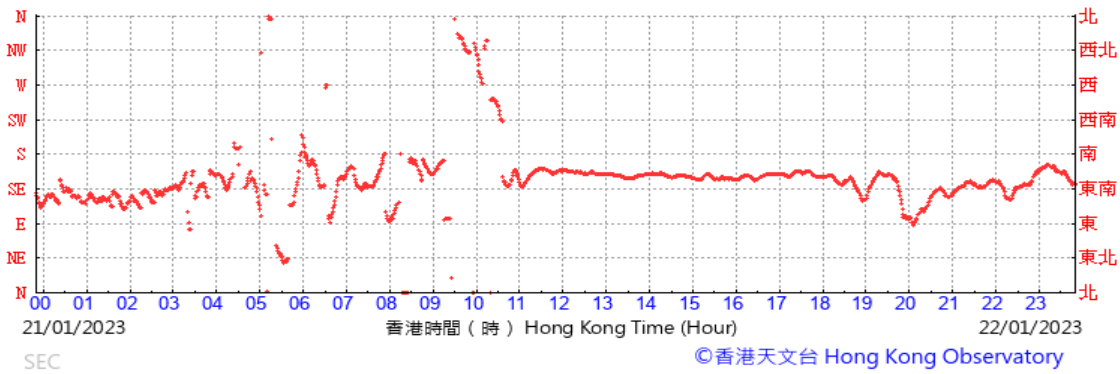
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(於香港時間21/01/2023 23 時 40 分更新) (Updated at 23:40H on 21/01/2023)

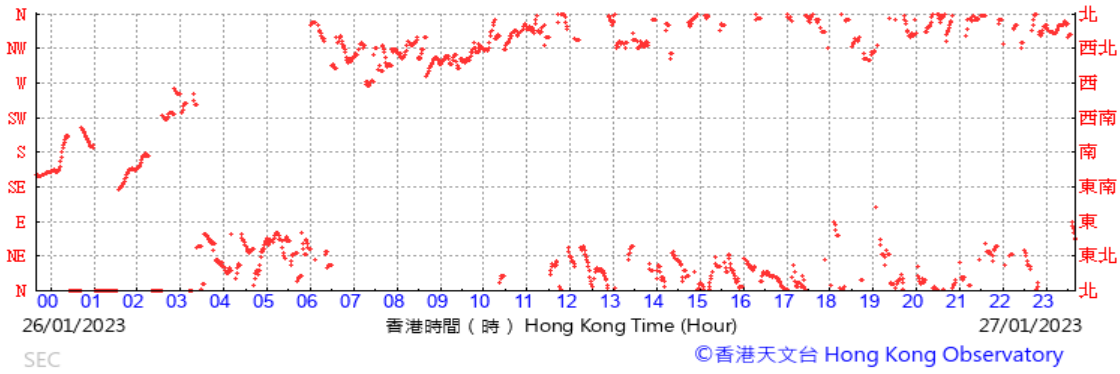


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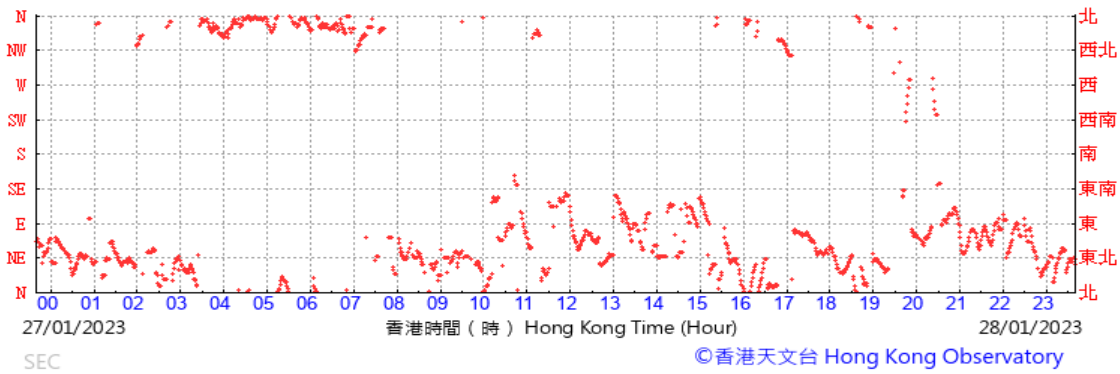


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory January 2023

(於香港時間27/01/2023 23 時 40 分更新) (Updated at 23:40H on 27/01/2023)

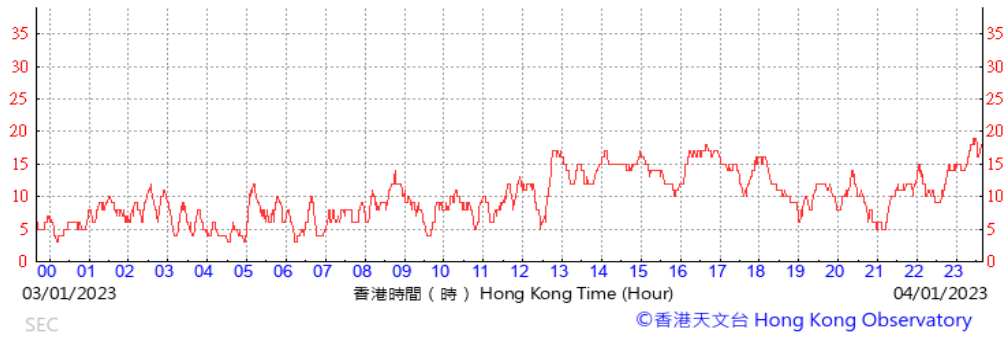


(於香港時間28/01/2023 23 時 40 分更新) (Updated at 23:40H on 28/01/2023)



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

(公里/小時) (於香港時間04/01/2023 23 時 40 分更新) (Updated at 23:40H on 04/01/2023) (km/h)



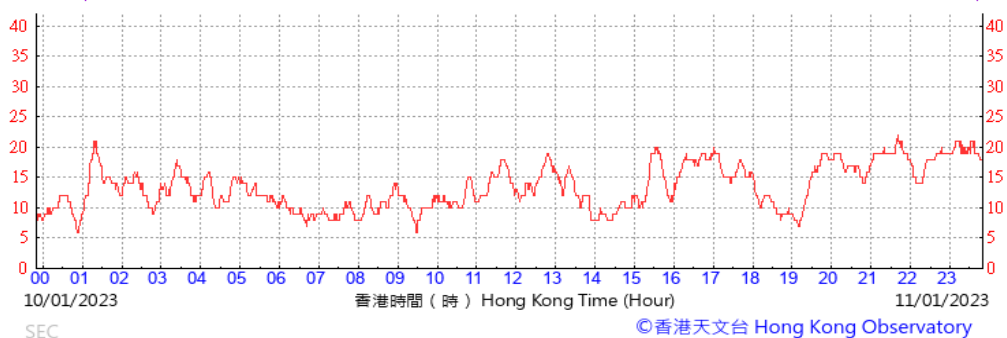
(公里/小時) (於香港時間05/01/2023 23 時 50 分更新) (Updated at 23:50H on 05/01/2023) (km/h)



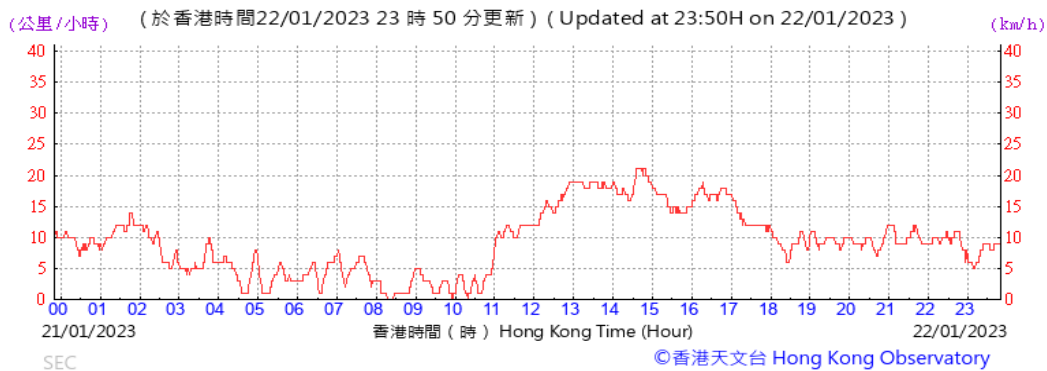
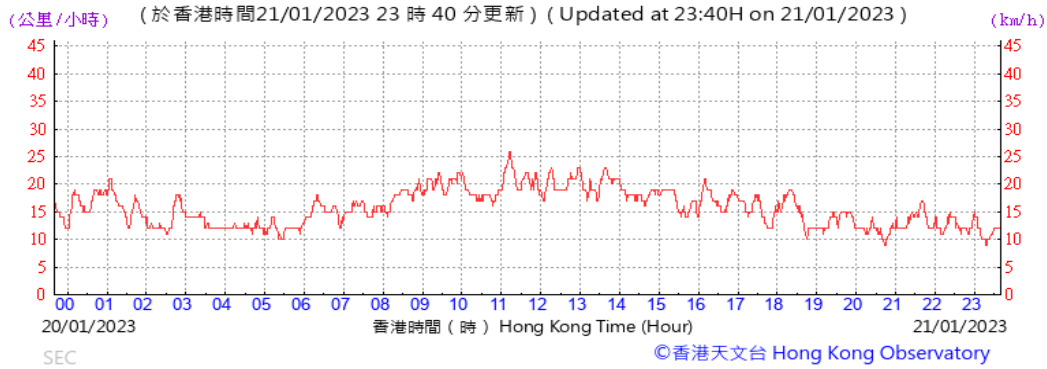
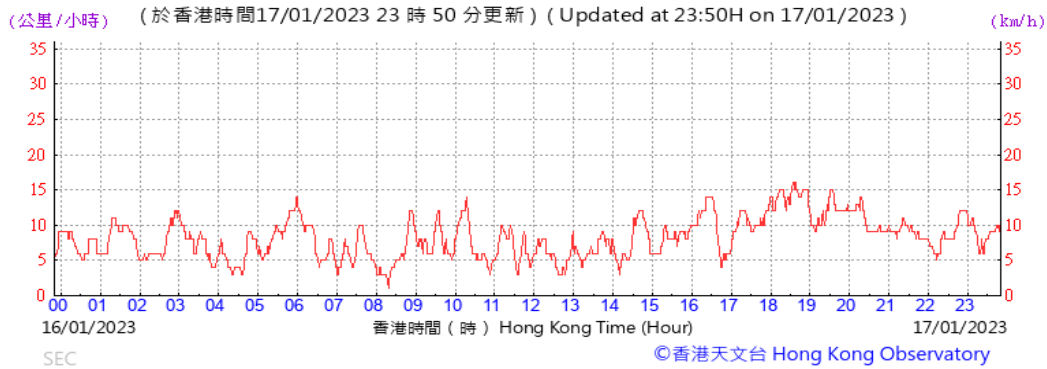
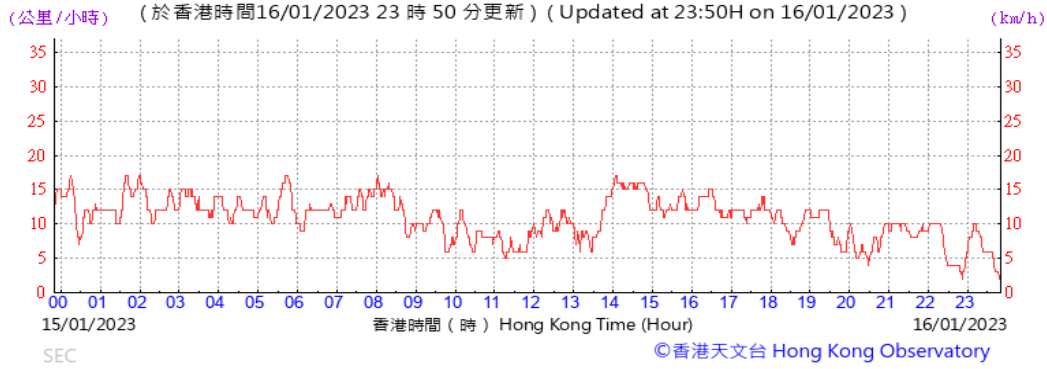
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(公里/小時) (於香港時間11/01/2023 23 時 50 分更新) (Updated at 23:50H on 11/01/2023) (km/h)

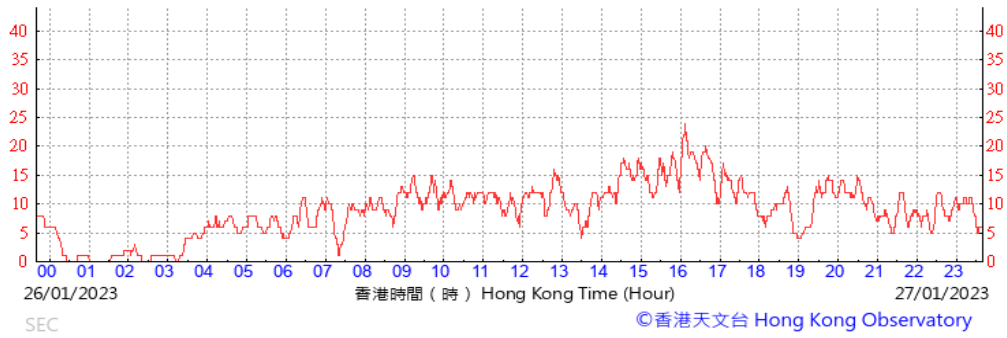


Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory January 2023



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

(公里/小時) (於香港時間27/01/2023 23 時 40 分更新) (Updated at 23:40H on 27/01/2023) (km/h)



(公里/小時) (於香港時間28/01/2023 23 時 40 分更新) (Updated at 23:40H on 28/01/2023) (km/h)

