

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-25 | Fine | 17.6 | 1020.5 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.8260 | 2.9637 | 0.1377 | 16818.06 | 16842.06 | 24.00 | 71.7 |
| 10-Jan-25 | Sunny | 15.1 | 1027.7 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.8310 | 2.9662 | 0.1352 | 16842.06 | 16866.06 | 24.00 | 70.4 |
| 16-Jan-25 | Sunny | 16.2 | 1024.9 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.8303 | 2.9686 | 0.1383 | 16866.06 | 16890.06 | 24.00 | 72.0 |
| 22-Jan-25 | Sunny | 18.6 | 1017.4 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.8296 | 2.9611 | 0.1315 | 16890.06 | 16914.06 | 24.00 | 68.5 |
| 28-Jan-25 | Sunny | 15.1 | 1024.4 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.8170 | 2.9391 | 0.1221 | 16914.06 | 16938.06 | 24.00 | 63.6 |
| | | | | | | | | | | | | | Average | 69.2 |
| | | | | | | | | | | | | | Minimum | 63.6 |
| | | | | | | | | | | | | | Maximum | 72.0 |

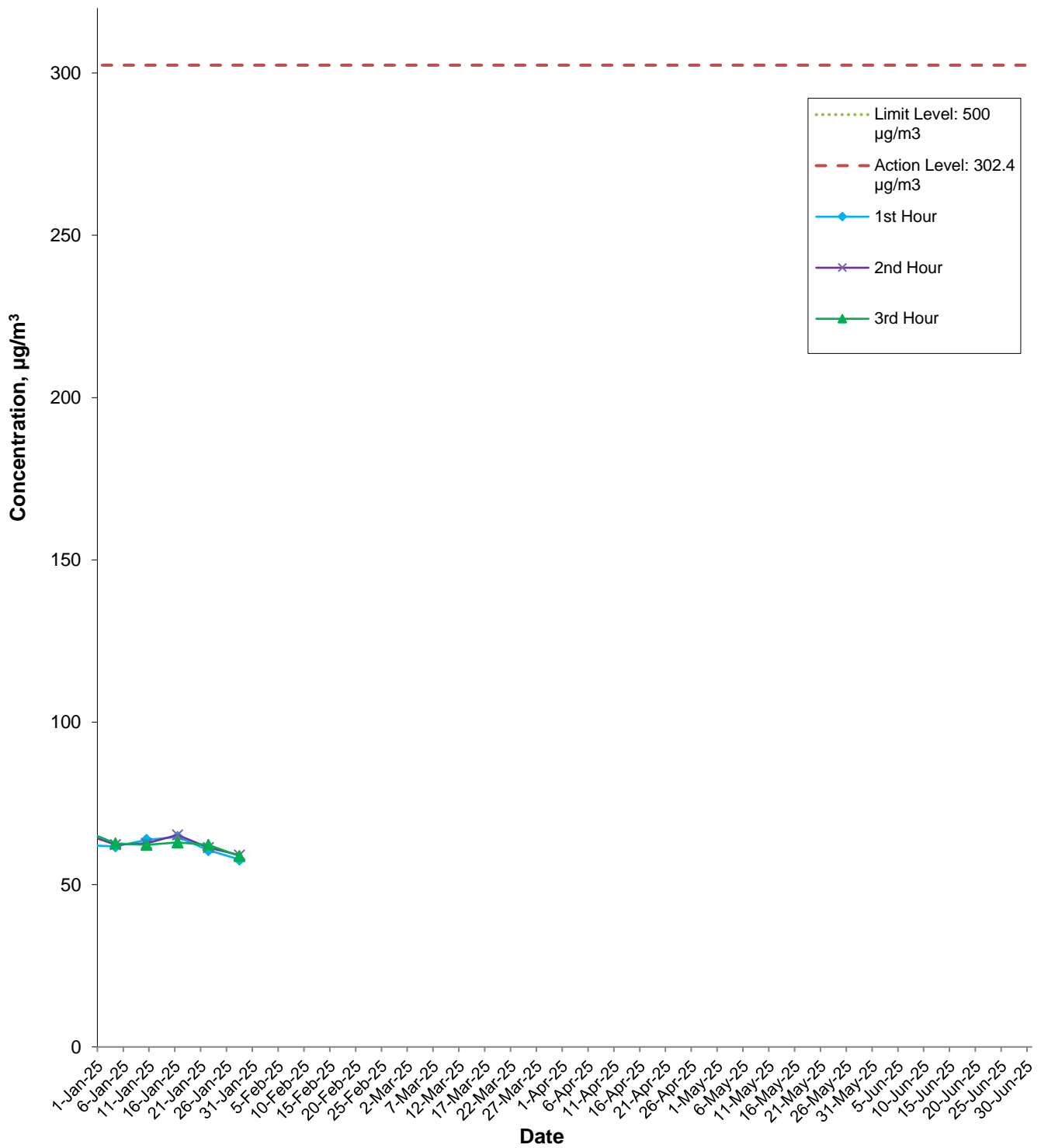
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Air Quality Monitoring Results

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-25 | 10:40 | Fine | 61.8 | 62.3 | 62.7 |
| 10-Jan-25 | 13:00 | Sunny | 63.8 | 62.7 | 62.2 |
| 16-Jan-25 | 13:05 | Sunny | 64.7 | 65.3 | 63.0 |
| 22-Jan-25 | 13:05 | Sunny | 60.6 | 61.4 | 62.2 |
| 28-Jan-25 | 13:00 | Sunny | 57.7 | 59.1 | 58.8 |
| | | | | Average | 61.9 |
| | | | | Min | 57.7 |
| | | | | Max | 65.3 |

E-A14a



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

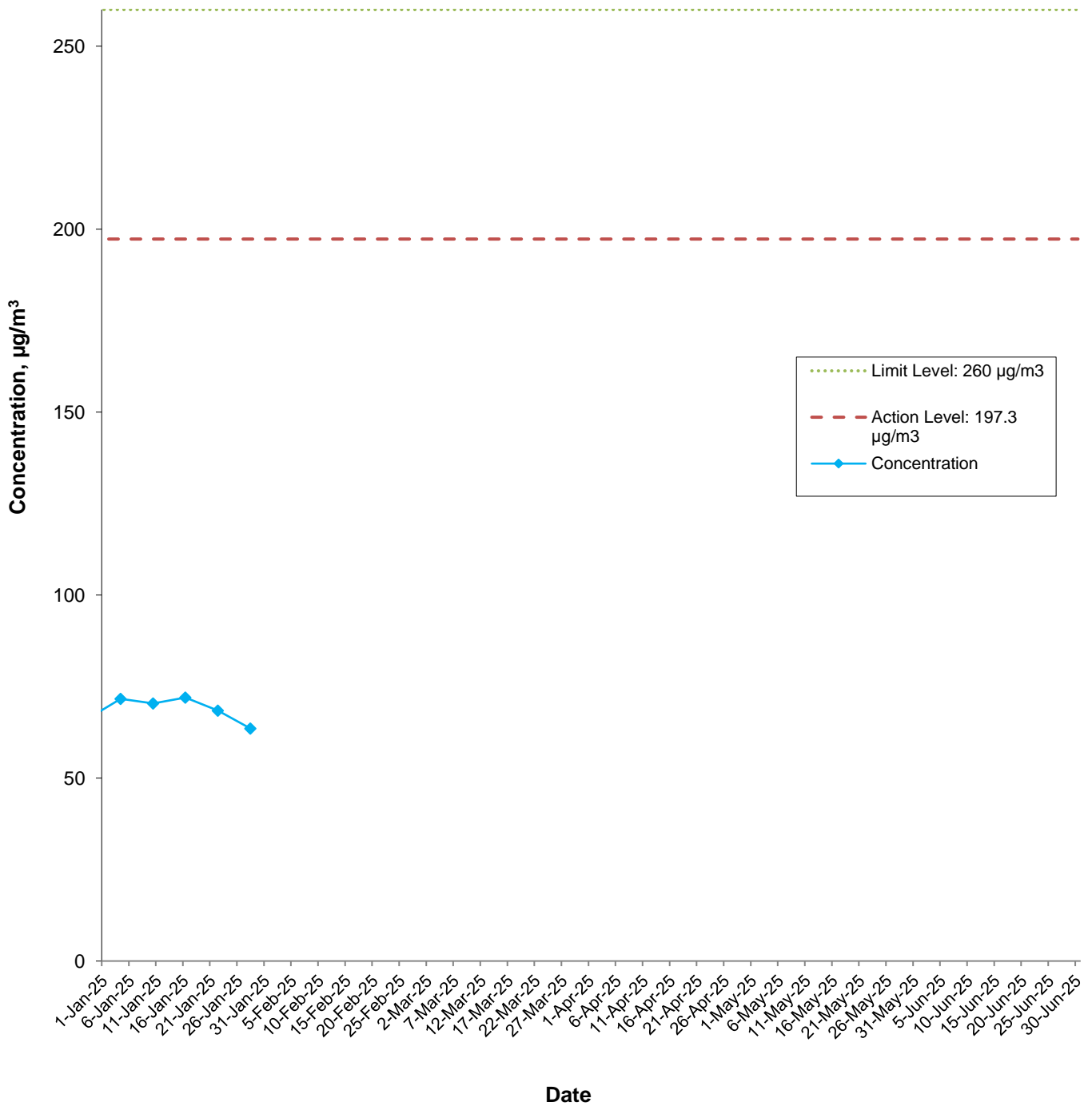


Graphical Presentation of Impact 1-hour TSP Monitoring Results

Date: February 2025

Appendix G

E-A14a



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



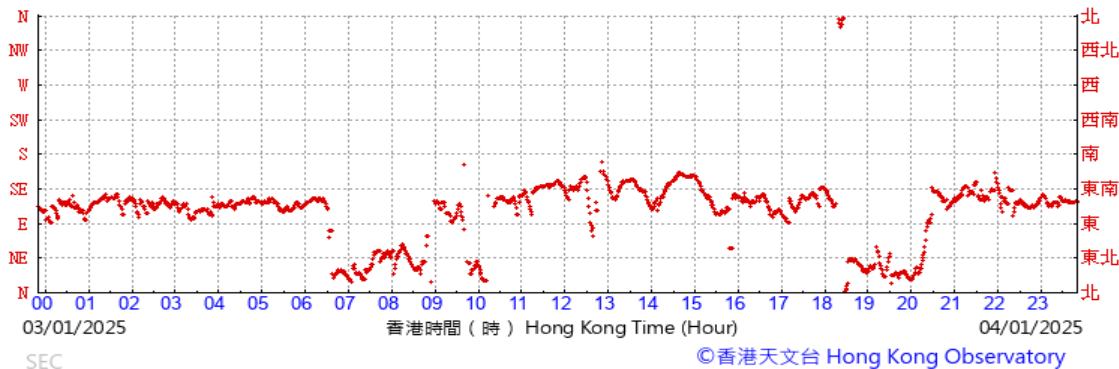
Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: February 2025

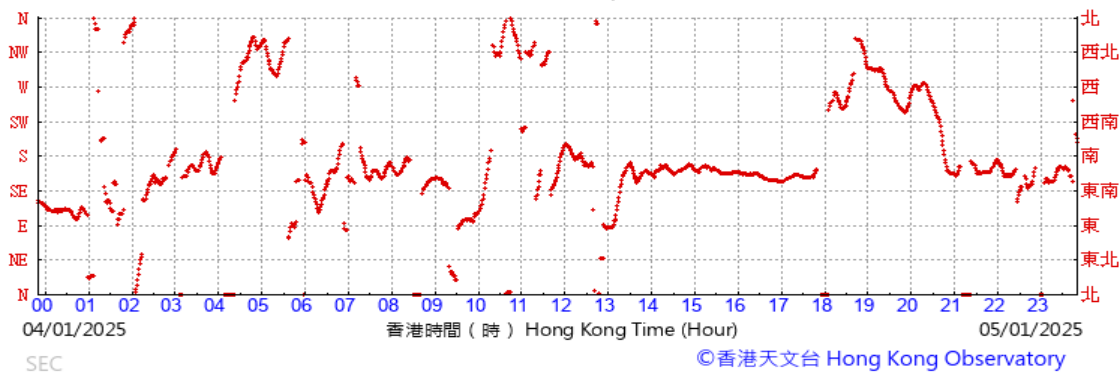
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Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory January 2025

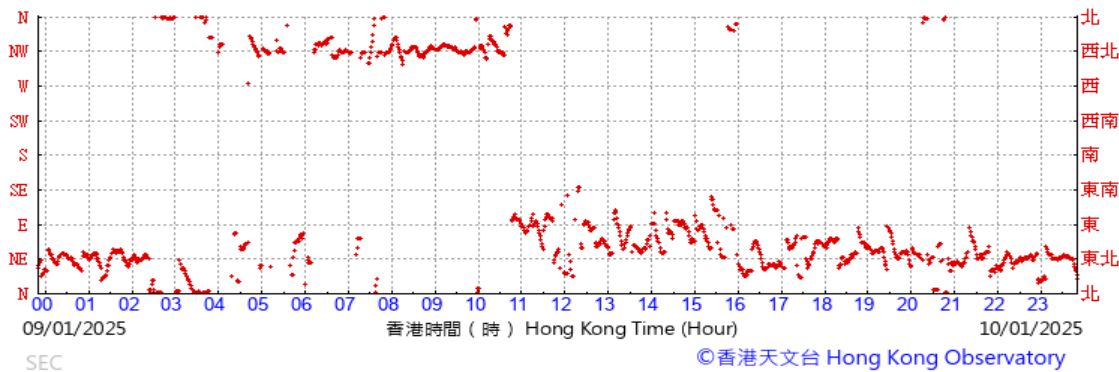
(於香港時間04/01/2025 23 時 50 分更新) (Updated at 23:50H on 04/01/2025)



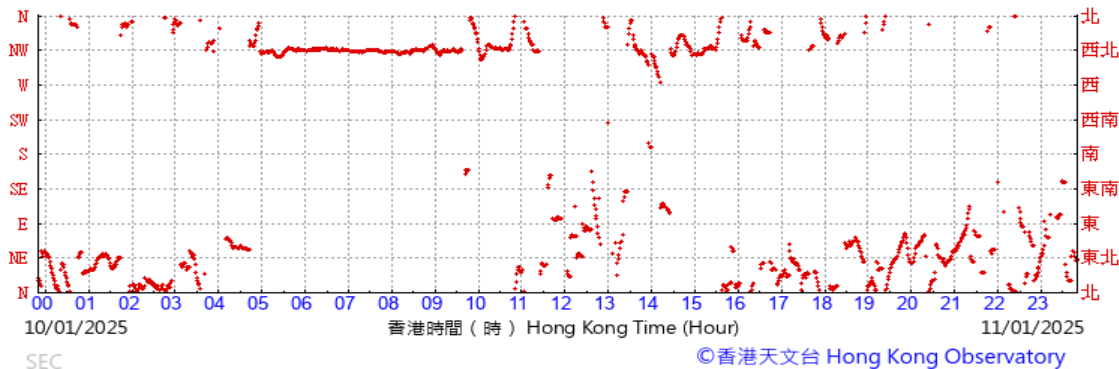
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(於香港時間10/01/2025 23 時 50 分更新) (Updated at 23:50H on 10/01/2025)

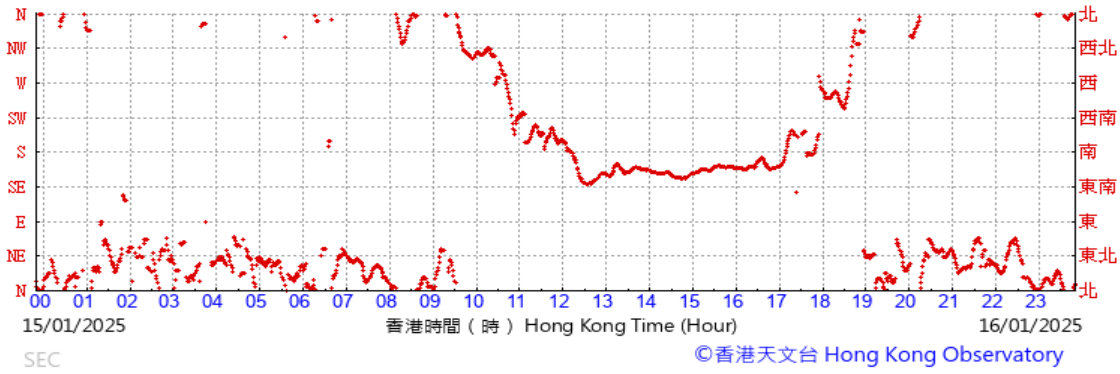


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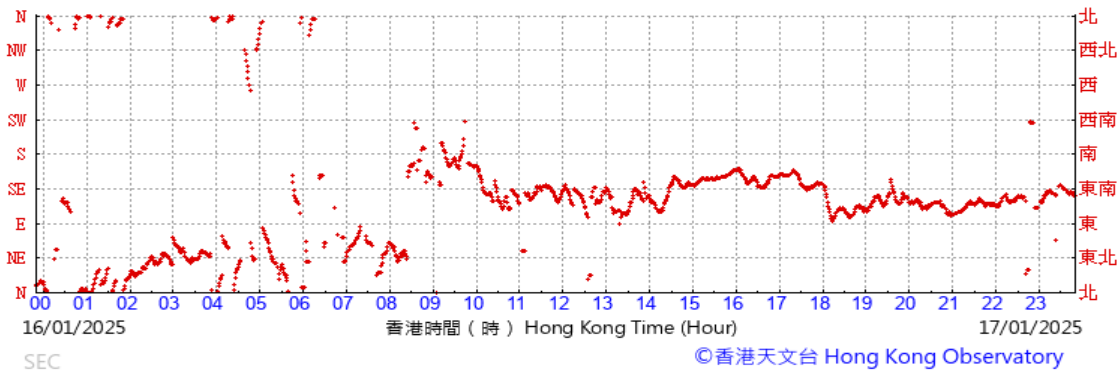


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory January 2025

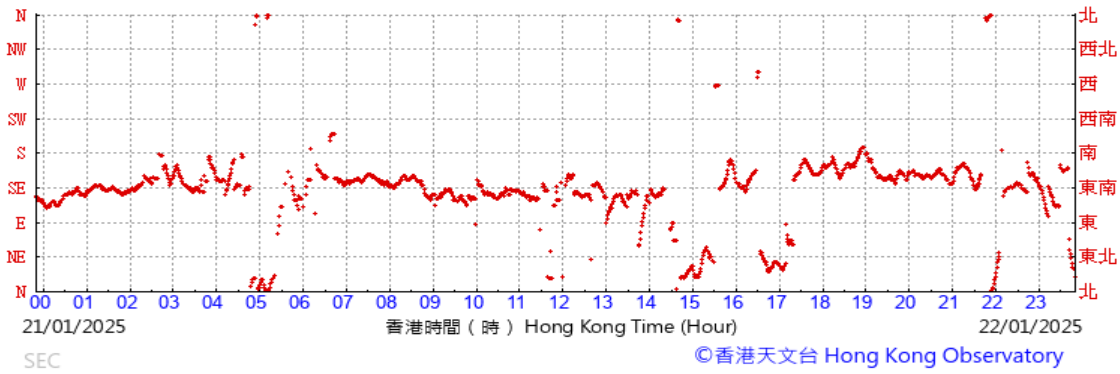
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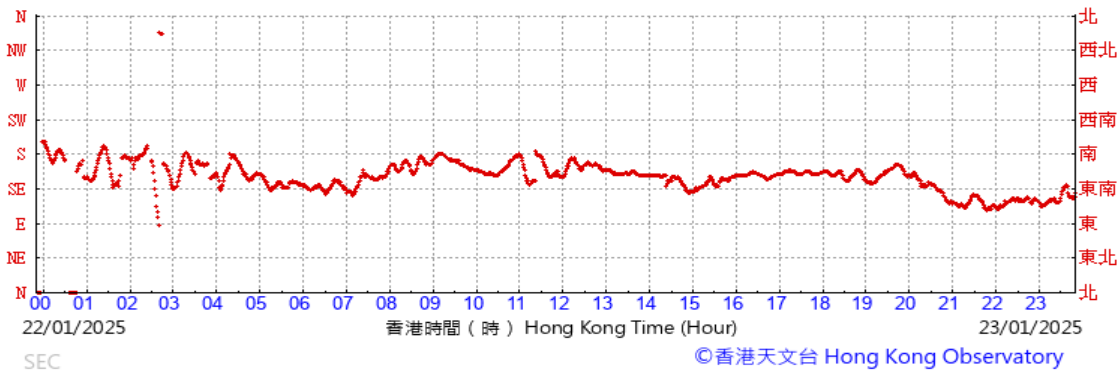
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(於香港時間22/01/2025 23 時 50 分更新) (Updated at 23:50H on 22/01/2025)

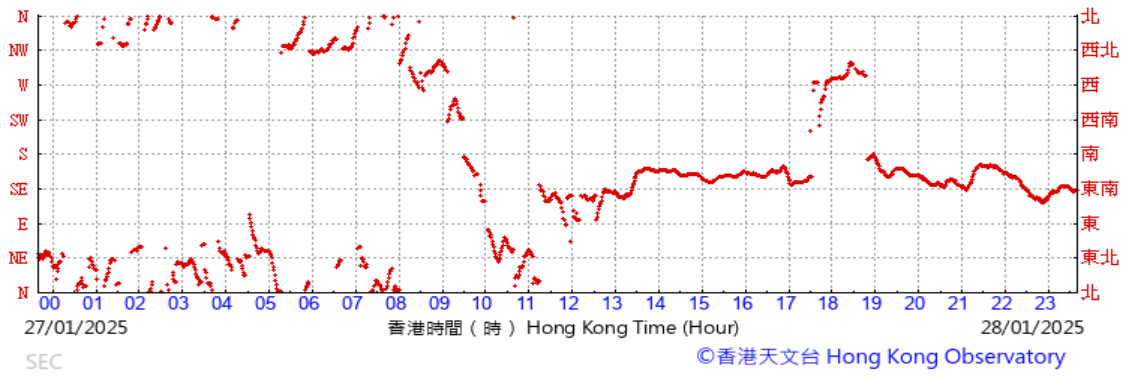


(於香港時間23/01/2025 23 時 50 分更新) (Updated at 23:50H on 23/01/2025)

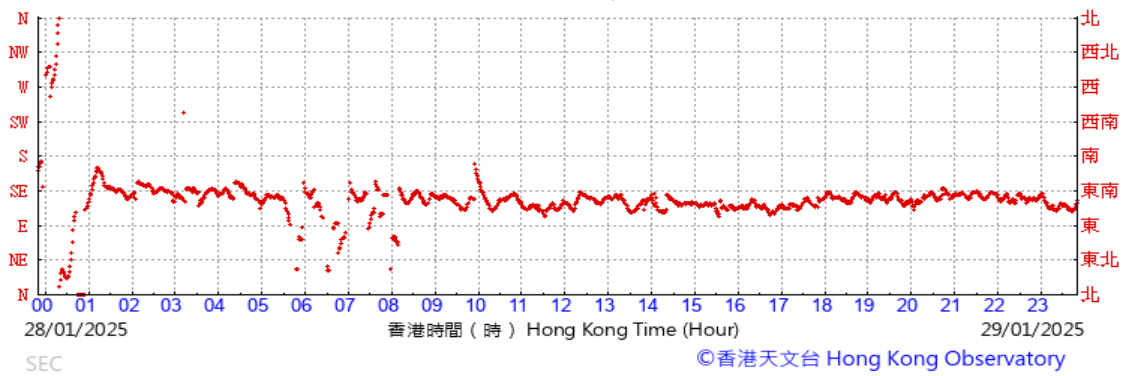


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory January 2025

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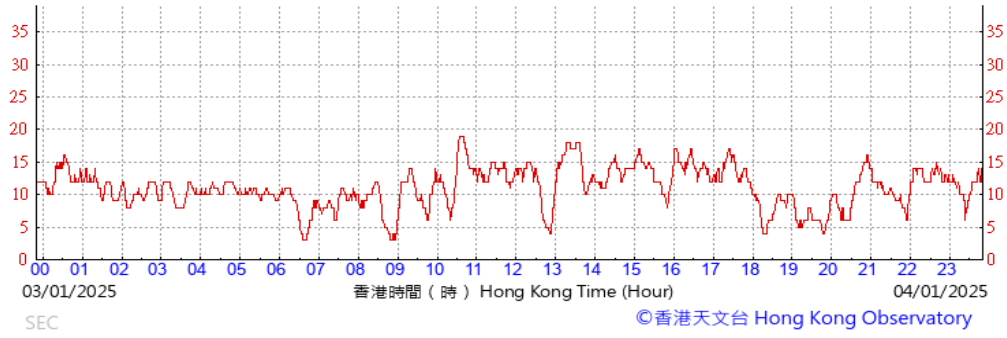


(於香港時間29/01/2025 23 時 50 分更新) (Updated at 23:50H on 29/01/2025)



Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory January 2025

(公里/小時) (於香港時間04/01/2025 23 時 50 分更新) (Updated at 23:50H on 04/01/2025) (km/h)



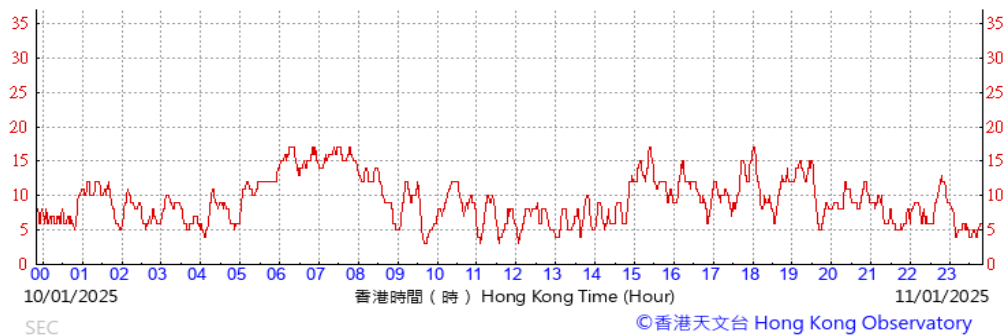
(公里/小時) (於香港時間05/01/2025 23 時 50 分更新) (Updated at 23:50H on 05/01/2025) (km/h)



(公里/小時) (於香港時間10/01/2025 23 時 50 分更新) (Updated at 23:50H on 10/01/2025) (km/h)



(公里/小時) (於香港時間11/01/2025 23 時 50 分更新) (Updated at 23:50H on 11/01/2025) (km/h)



Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory January 2025

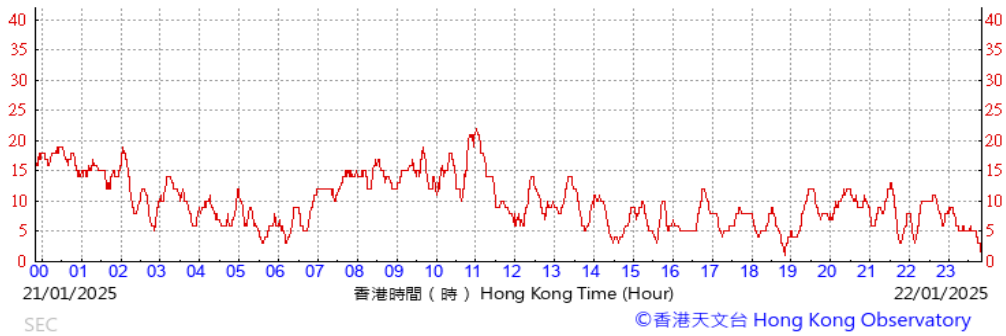
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(公里/小時) (於香港時間17/01/2025 23 時 50 分更新) (Updated at 23:50H on 17/01/2025) (km/h)



(公里/小時) (於香港時間22/01/2025 23 時 50 分更新) (Updated at 23:50H on 22/01/2025) (km/h)



(公里/小時) (於香港時間23/01/2025 23 時 50 分更新) (Updated at 23:50H on 23/01/2025) (km/h)



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