

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 (m³/min.) | | Av. flow (m³/min) | Total vol. (m³) | Filter Weight (g) | | Particulate weight(g) | Elapse Time | | Sampling Time(hrs.) | Conc. (µg/m³) | |
|-----------|-------------------|----------------|----------------------------|---------------------|-------|-------------------|-----------------|-------------------|--------|-----------------------|-------------|----------|---------------------|---------------|------|
| | | | | Initial | Final | | | Initial | Final | | Initial | Final | | | |
| 5-Jul-25 | Fine | 30.6 | 1003.3 | 1.304 | 1.304 | 1.30 | 1877.8 | 2.7667 | 2.8126 | 0.0459 | 17580.06 | 17604.06 | 24.00 | 24.4 | |
| 11-Jul-25 | Sunny | 27.9 | 998.9 | 1.304 | 1.304 | 1.30 | 1877.8 | 2.7623 | 2.8310 | 0.0687 | 17604.06 | 17628.06 | 24.00 | 36.6 | |
| 17-Jul-25 | Sunny | 31.3 | 1003.1 | 1.304 | 1.304 | 1.30 | 1877.8 | 2.7660 | 2.8335 | 0.0675 | 17628.06 | 17652.06 | 24.00 | 35.9 | |
| 23-Jul-25 | Sunny | 29.0 | 1003.2 | 1.304 | 1.304 | 1.30 | 1877.8 | 2.7571 | 2.8133 | 0.0562 | 17652.06 | 17676.06 | 24.00 | 29.9 | |
| 29-Jul-25 | Cloudy | 27.8 | 996.9 | 1.304 | 1.304 | 1.30 | 1877.8 | 2.7649 | 2.8454 | 0.0805 | 17676.06 | 17700.06 | 24.00 | 42.9 | |
| | | | | | | | | | | | | | | Average | 34.0 |
| | | | | | | | | | | | | | | Minimum | 24.4 |
| | | | | | | | | | | | | | | Maximum | 42.9 |

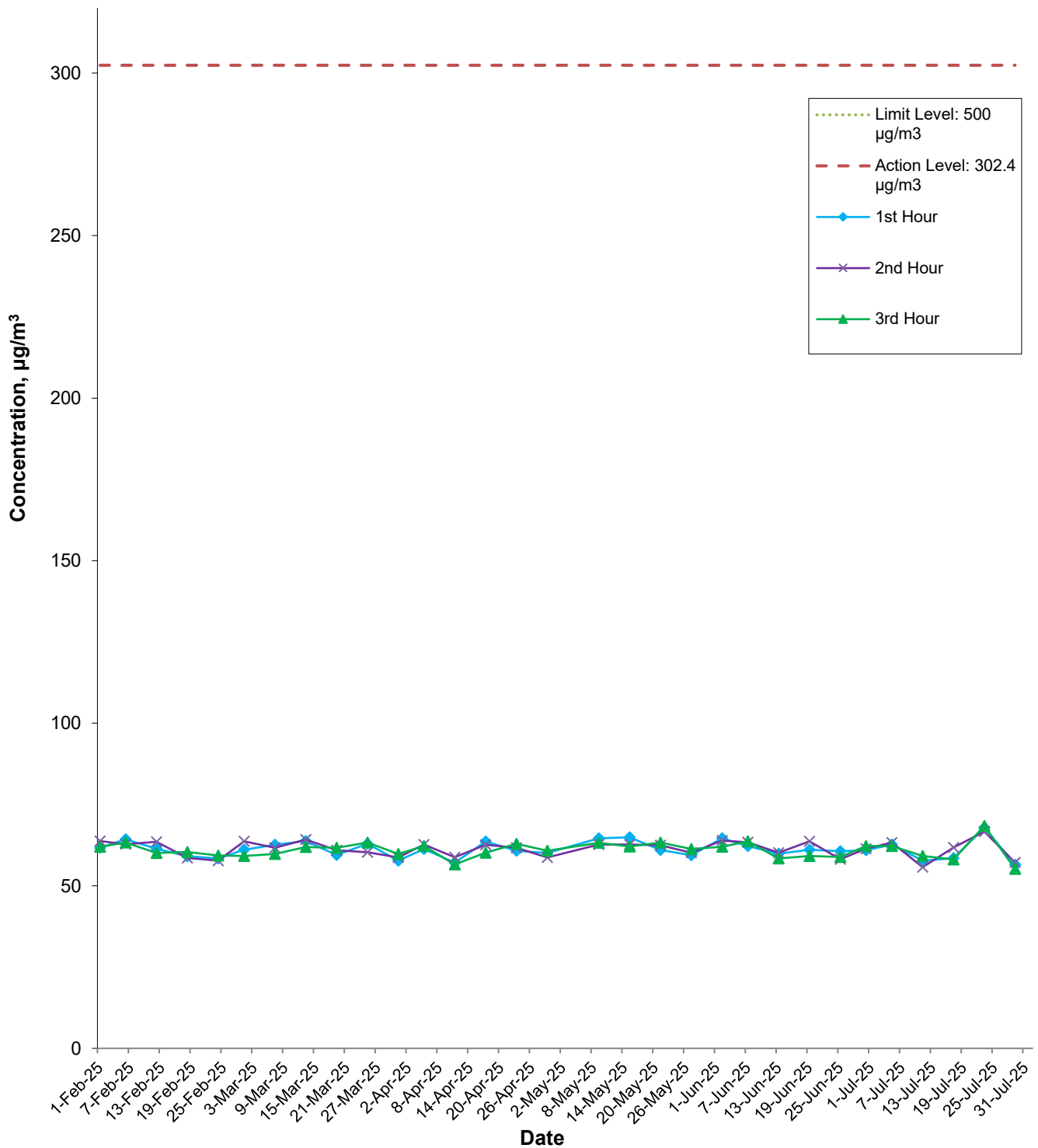
Appendix G

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-Jul-25 | 13:45 | Fine | 62.7 | 63.3 | 62.2 |
| 11-Jul-25 | 10:55 | Sunny | 57.7 | 55.7 | 59.2 |
| 17-Jul-25 | 13:04 | Sunny | 58.5 | 61.8 | 58.1 |
| 23-Jul-25 | 10:35 | Sunny | 67.9 | 66.7 | 68.4 |
| 29-Jul-25 | 13:18 | Cloudy | 56.5 | 57.2 | 55.2 |
| | | | | Average | 60.7 |
| | | | | Min | 55.2 |
| | | | | Max | 68.4 |

E-A14a



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

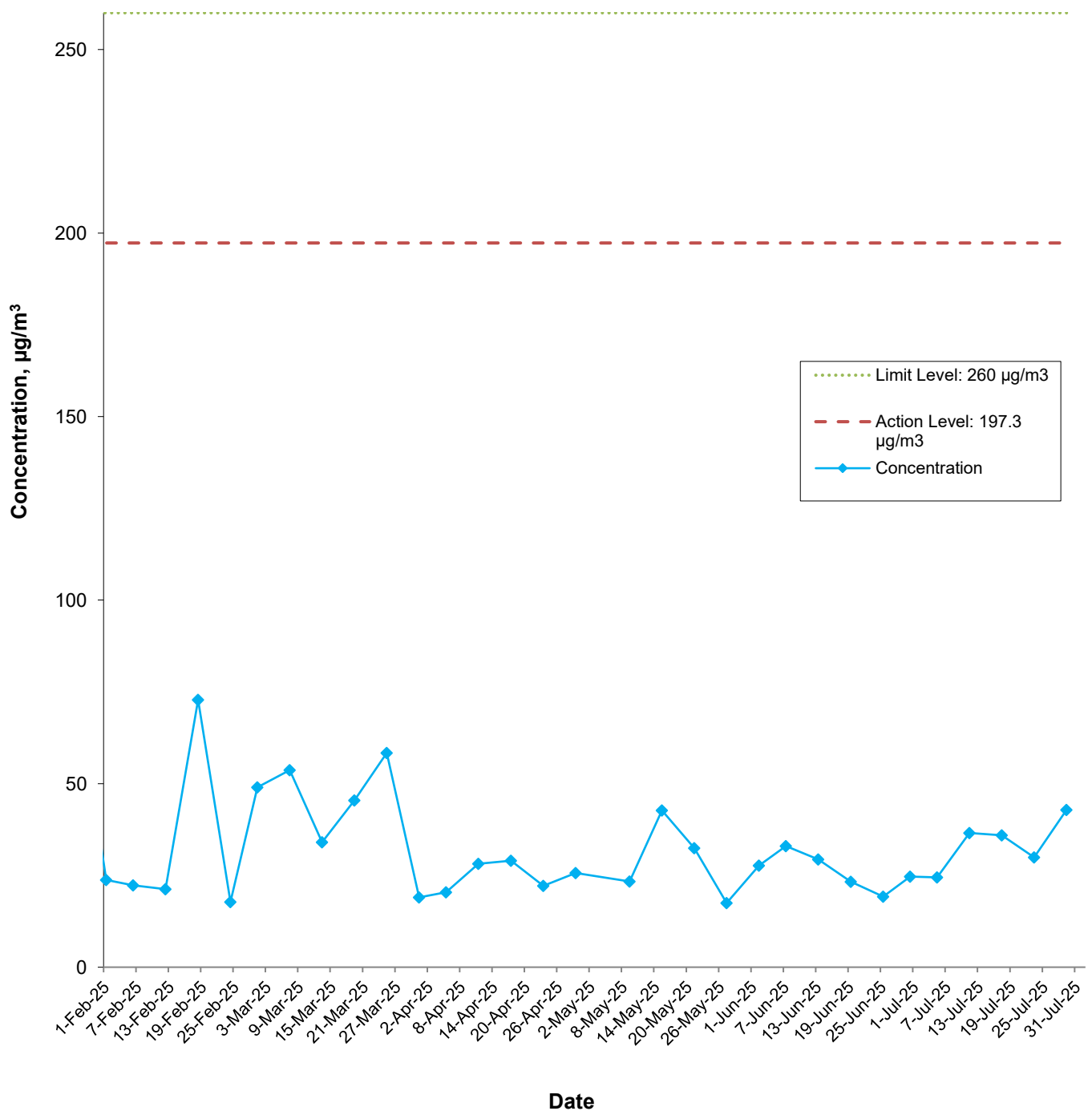
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Graphical Presentation of Impact 1-hour TSP Monitoring Results

Date: August 2025

Appendix G

E-A14a



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

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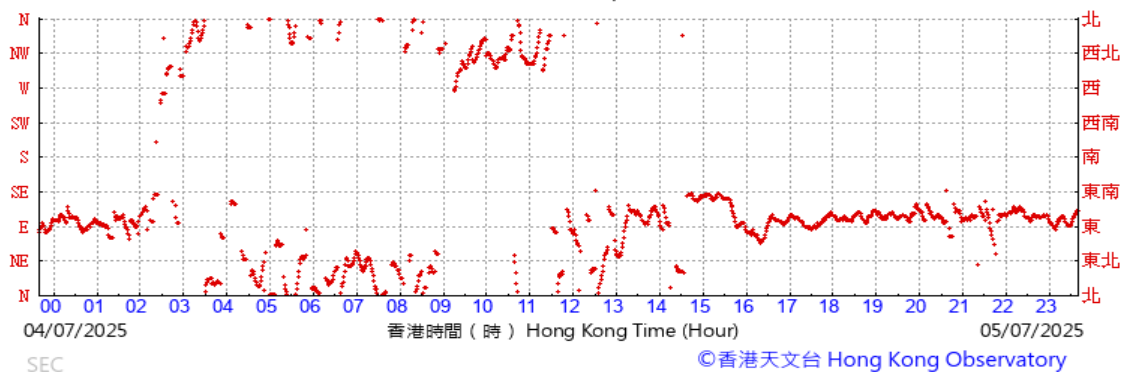
Graphical Presentation of Impact 24-hour TSP Monitoring
Results

Date: August 2025

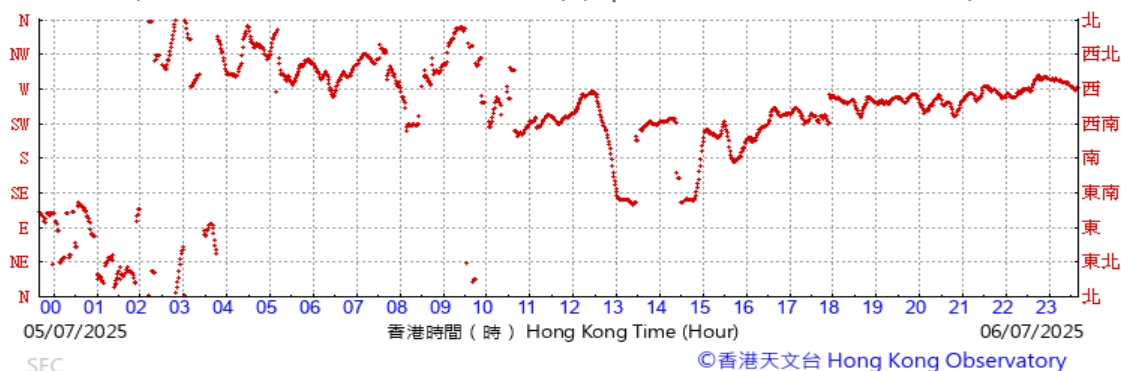
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Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory July 2025

(於香港時間05/07/2025 23 時 40 分更新) (Updated at 23:40H on 05/07/2025)



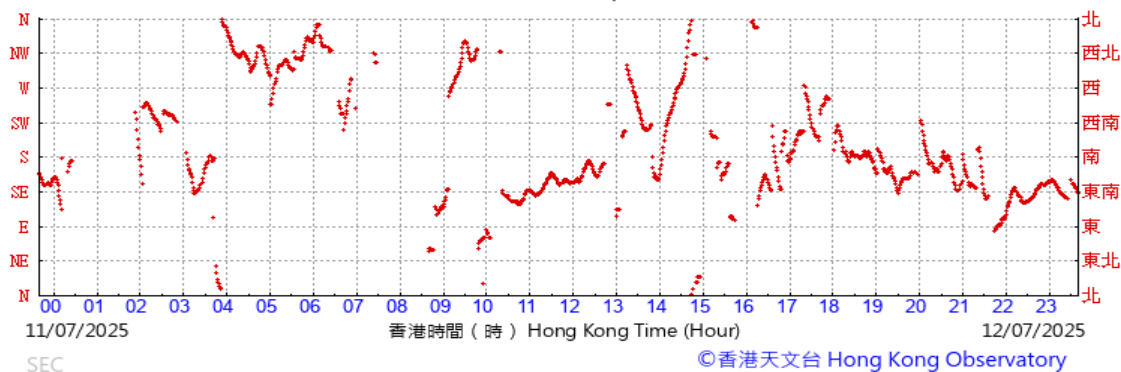
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(於香港時間11/07/2025 23 時 40 分更新) (Updated at 23:40H on 11/07/2025)

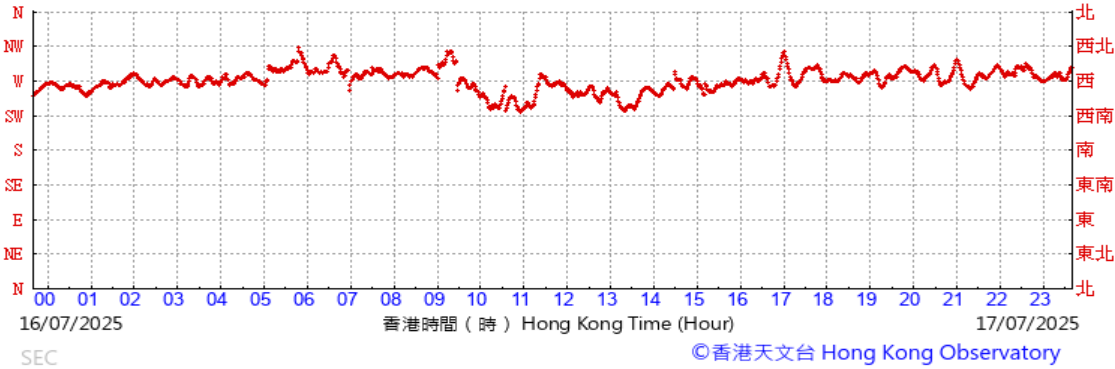


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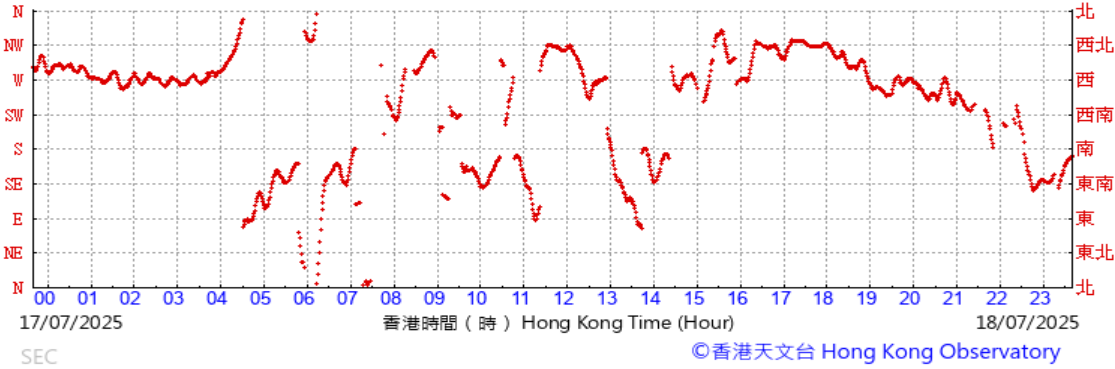


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory
July 2025

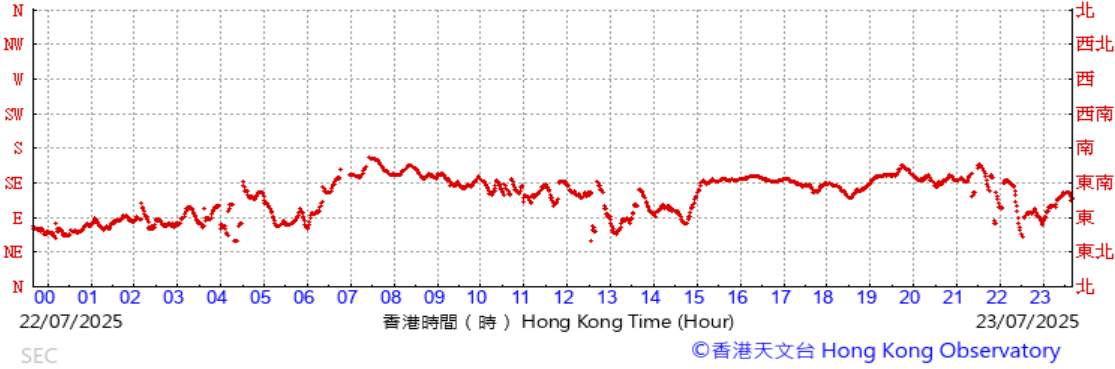
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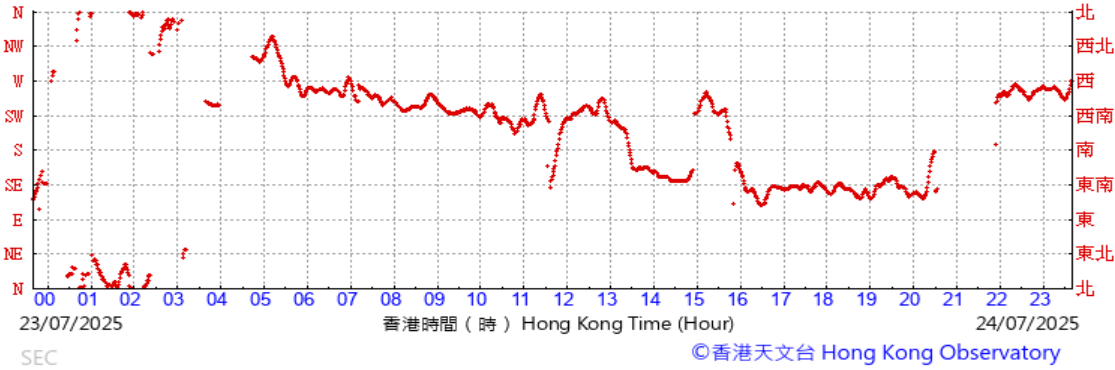
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(於香港時間23/07/2025 23 時 40 分更新) (Updated at 23:40H on 23/07/2025)

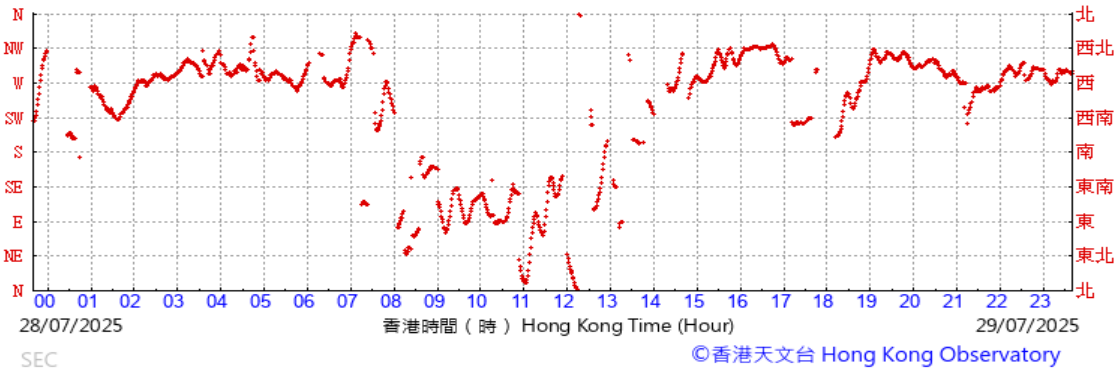


(於香港時間24/07/2025 23 時 40 分更新) (Updated at 23:40H on 24/07/2025)



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

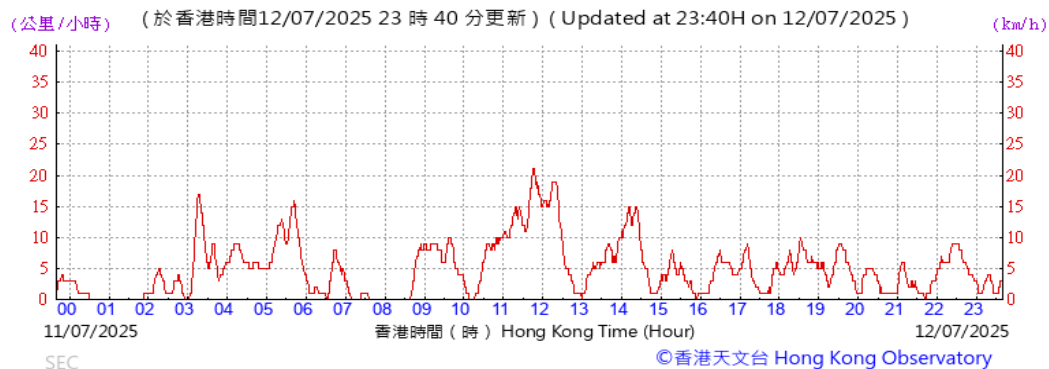
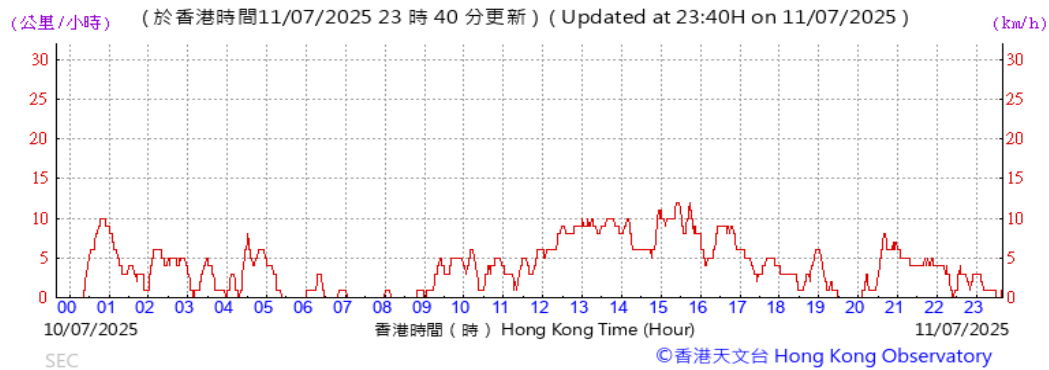
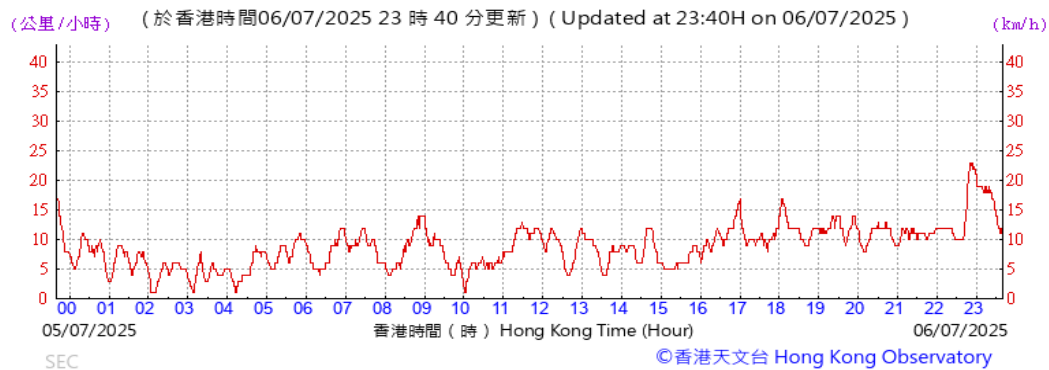
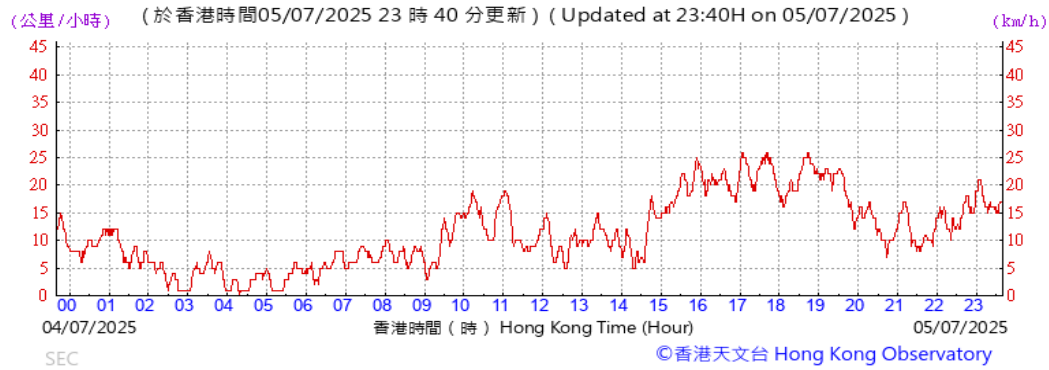
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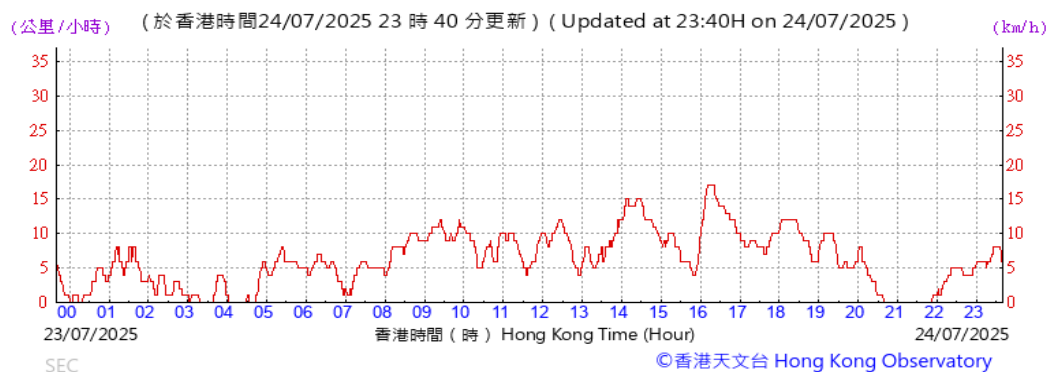
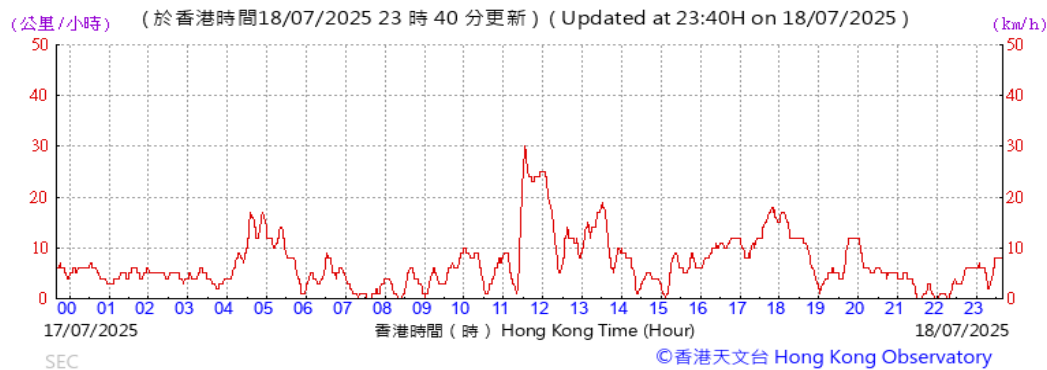
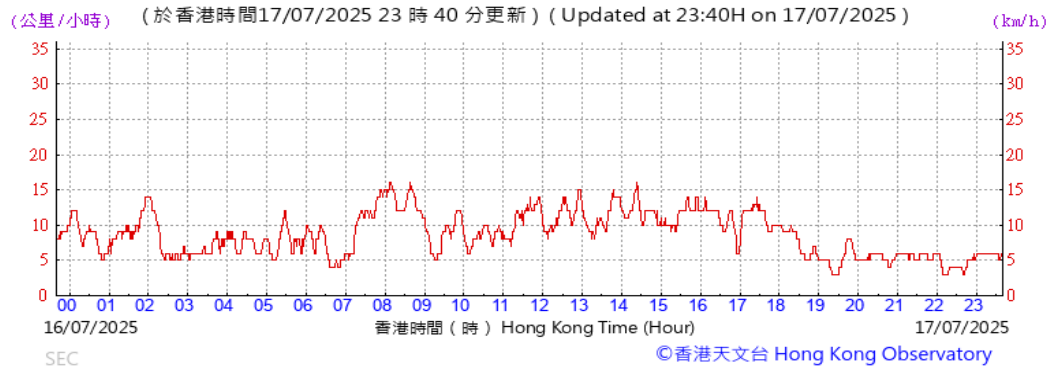
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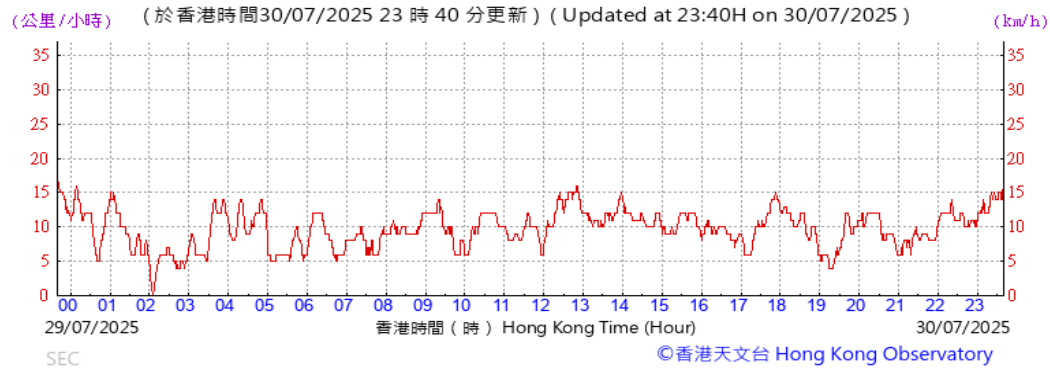
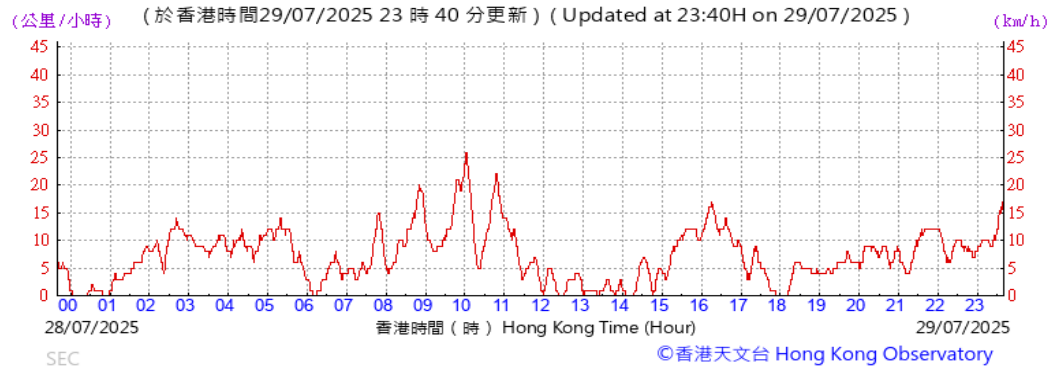
Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory July 2025



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



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



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