

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 | | |
| 3-Feb-24 | Fine | 19.6 | 1018.8 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.7534 | 2.8057 | 0.0523 | 15378.06 | 15402.06 | 24.00 | 27.2 |
| 9-Feb-24 | Cloudy | 12.7 | 1023.5 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.7568 | 2.7857 | 0.0289 | 15402.06 | 15426.06 | 24.00 | 15.0 |
| 15-Feb-24 | Sunny | 22.3 | 1019.0 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.7333 | 2.8299 | 0.0966 | 15426.06 | 15450.06 | 24.00 | 50.3 |
| 19-Feb-24 | Sunny | 22.7 | 1015.1 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.7419 | 2.8197 | 0.0778 | 15450.06 | 15474.06 | 24.00 | 40.5 |
| 24-Feb-24 | Fine | 18.8 | 1021.1 | 1.33 | 1.33 | 1.33 | 1921.0 | 2.7449 | 2.7953 | 0.0504 | 15474.06 | 15498.06 | 24.00 | 26.2 |
| | | | | | | | | | | | | | Average | 31.9 |
| | | | | | | | | | | | | | Minimum | 15.0 |
| | | | | | | | | | | | | | Maximum | 50.3 |

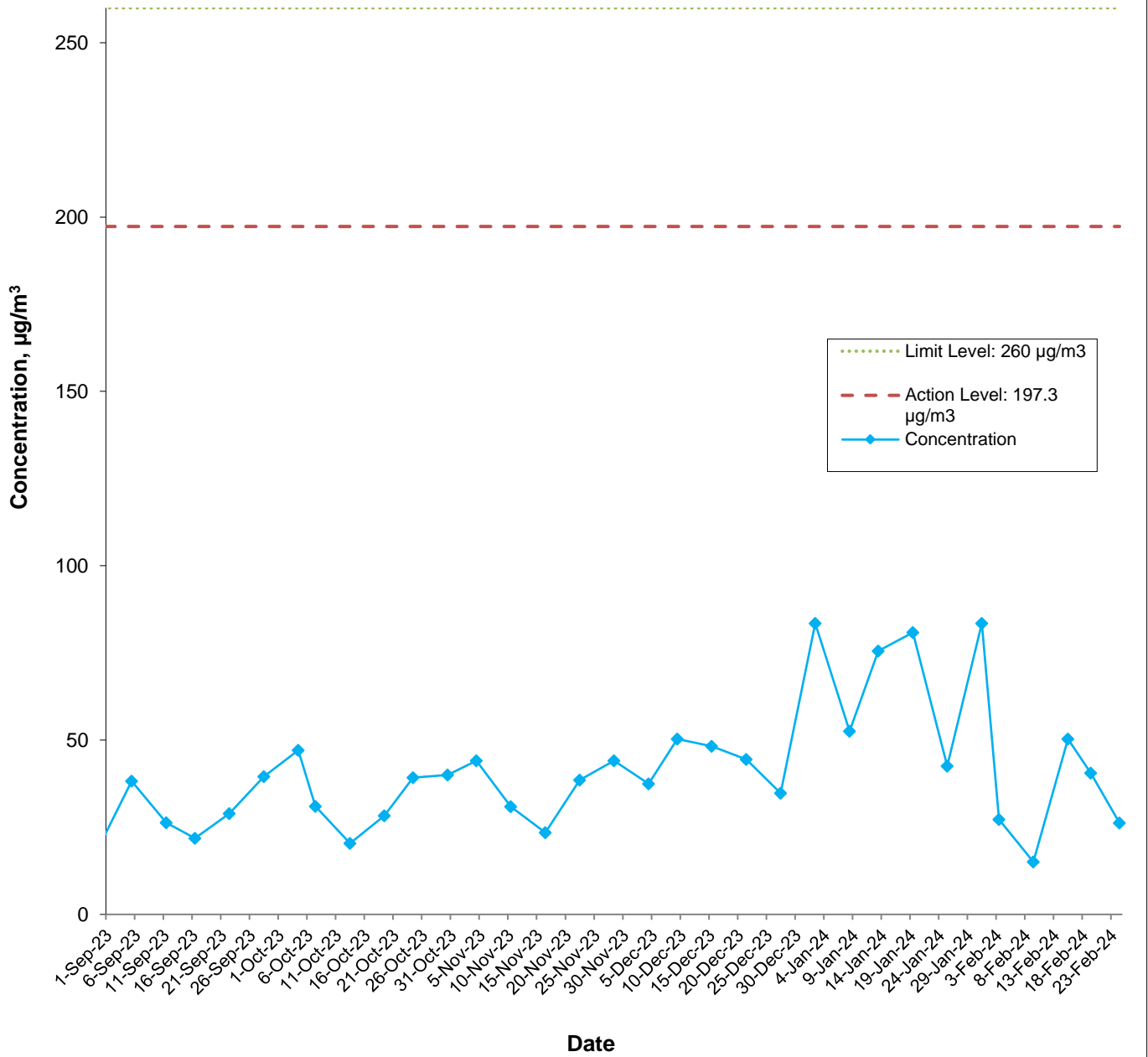
Appendix G

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. ($\mu\text{g}/\text{m}^3$) |
| 3-Feb-24 | 14:10 | Fine | 61.7 | 62.8 | 62.2 |
| 9-Feb-24 | 13:00 | Cloudy | 56.4 | 57.0 | 57.9 |
| 15-Feb-24 | 13:00 | Sunny | 59.5 | 60.6 | 60.1 |
| 19-Feb-24 | 13:05 | Sunny | 57.7 | 56.8 | 59.1 |
| 24-Feb-24 | 11:15 | Fine | 63.1 | 62.3 | 62.2 |
| | | | | Average | 60.0 |
| | | | | Min | 56.4 |
| | | | | Max | 63.1 |

E-A14a



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

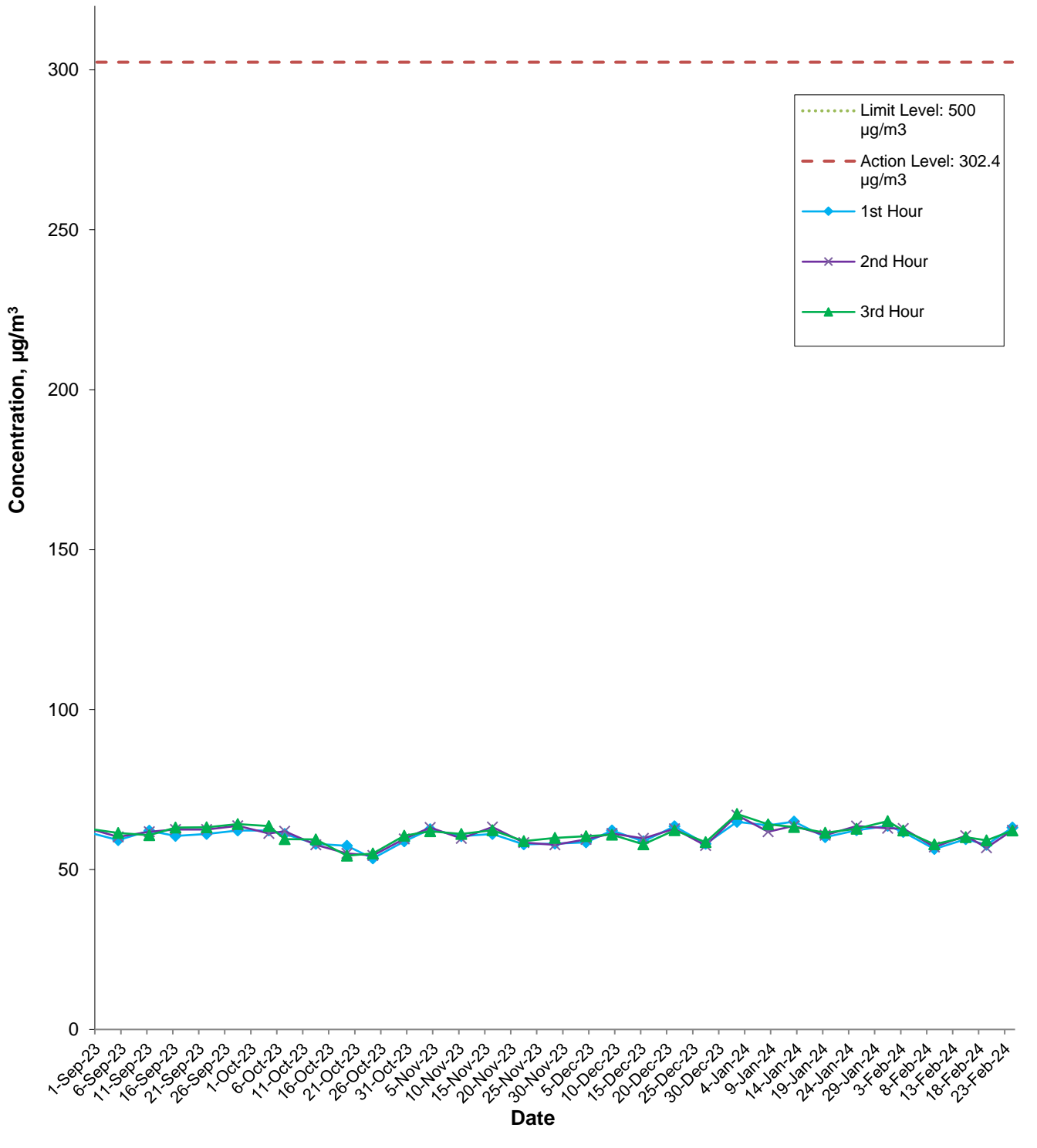


Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: March 2024

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E-A14a



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



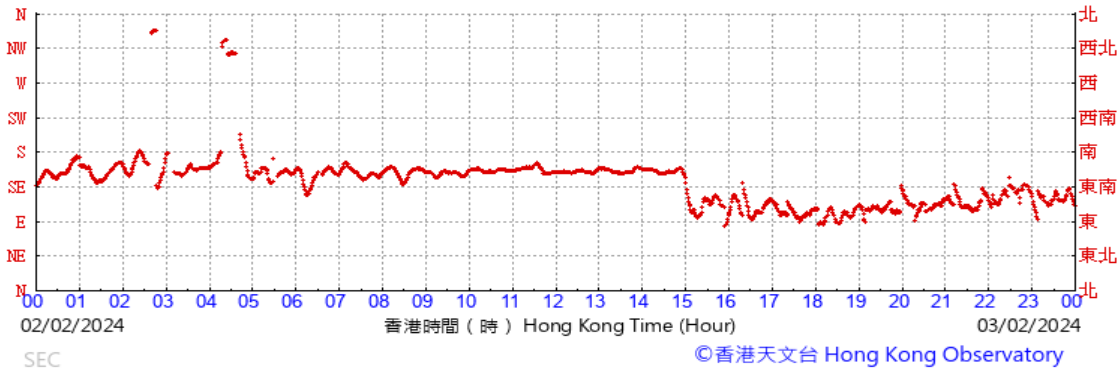
Graphical Presentation of Impact 1-hour TSP Monitoring Results

Date: March 2024

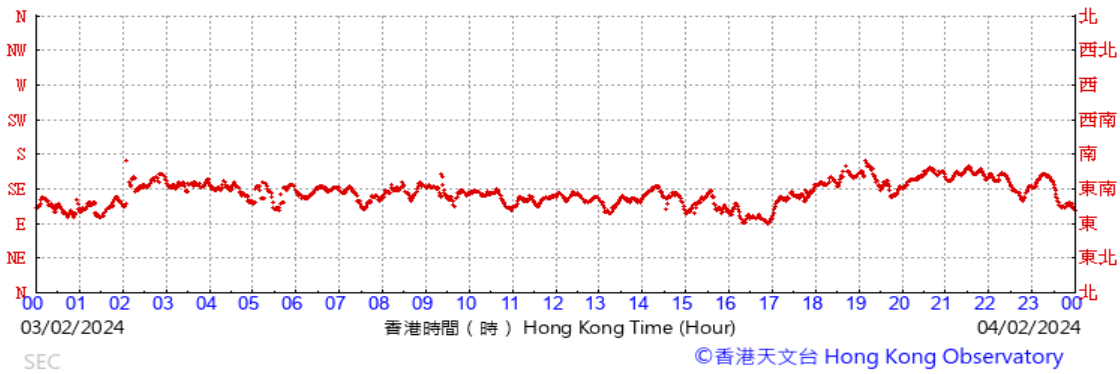
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Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory February 2024

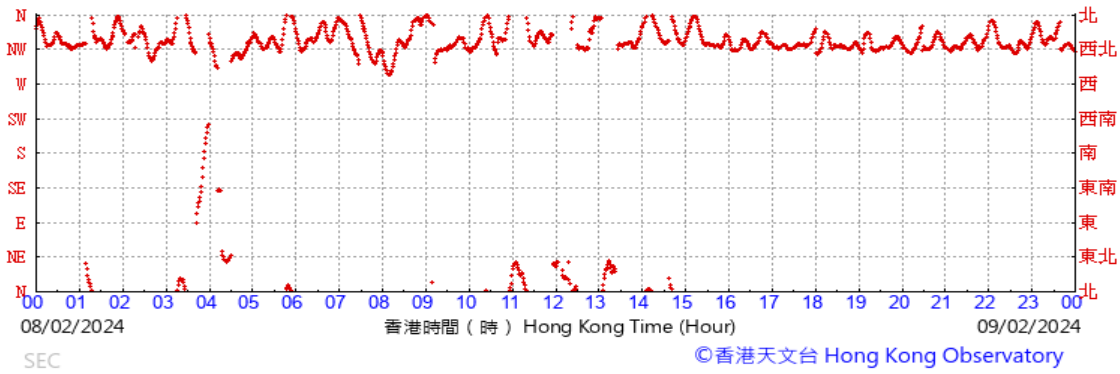
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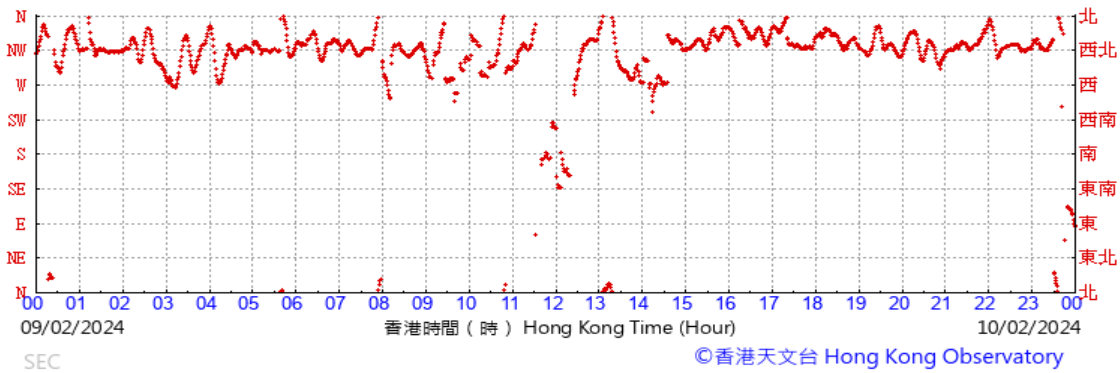
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(於香港時間09/02/2024 00 時 00 分更新) (Updated at 00:00H on 09/02/2024)

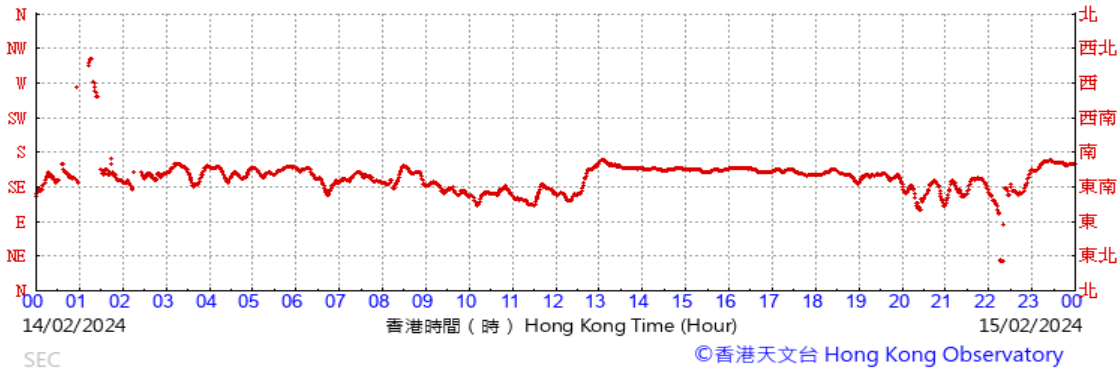


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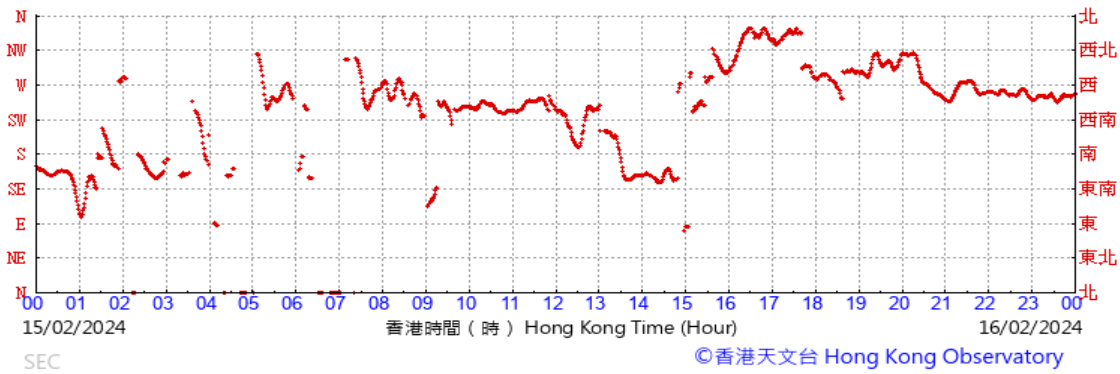


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory February 2024

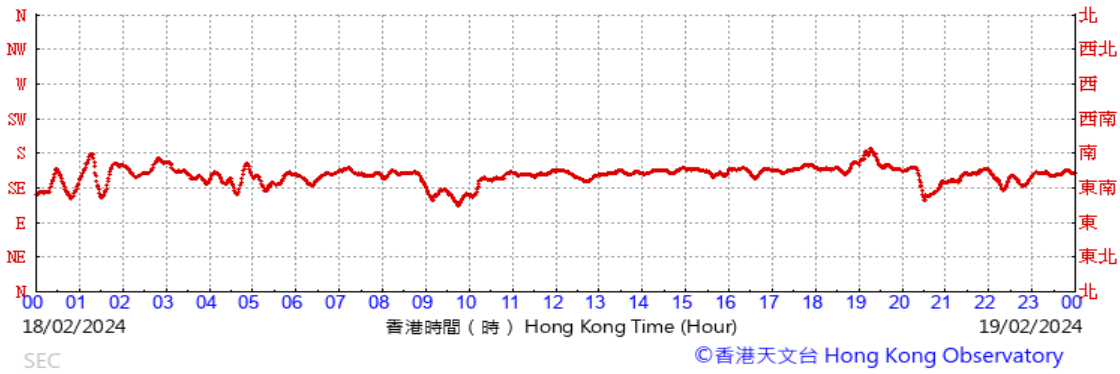
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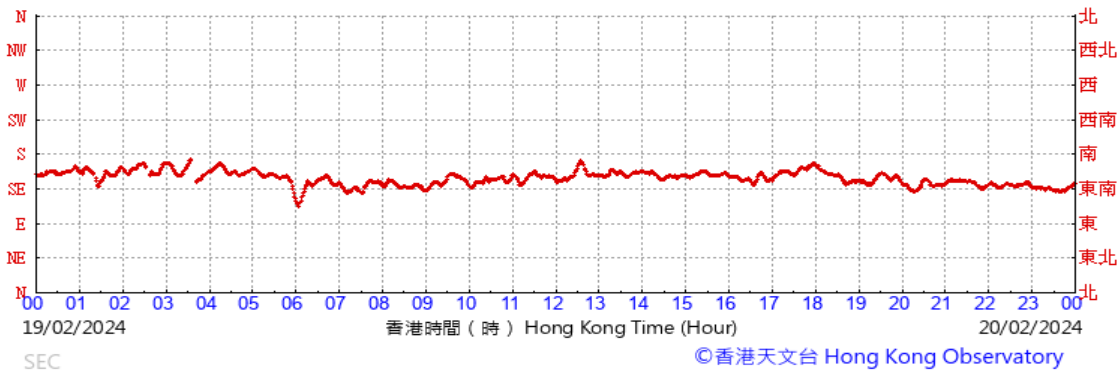
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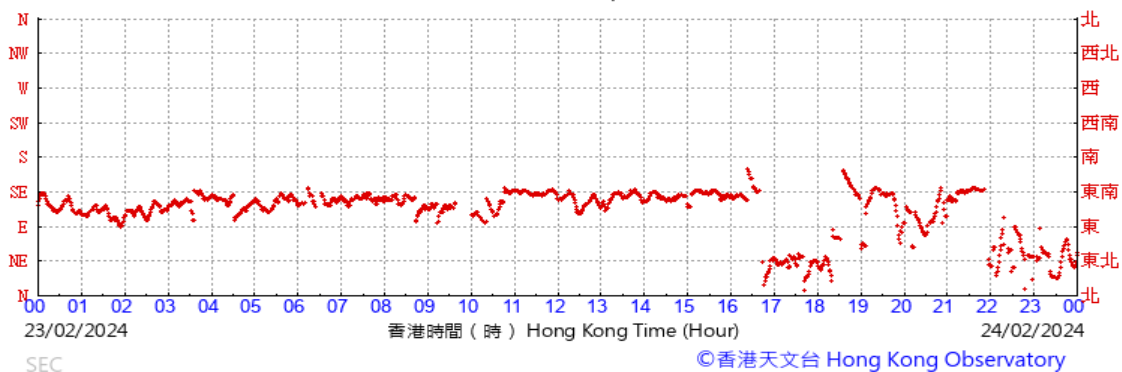


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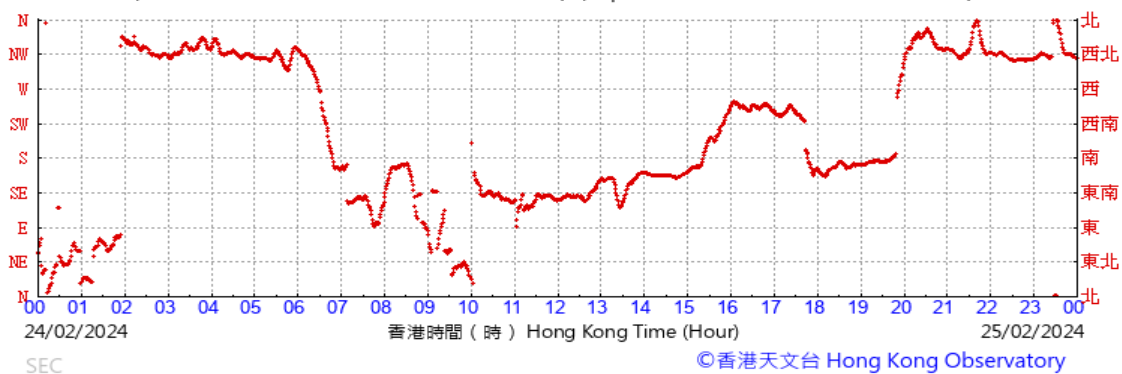


Data of Wind Direction Extracted from Kai Tak Wind Station of the Hong Kong Observatory February 2024

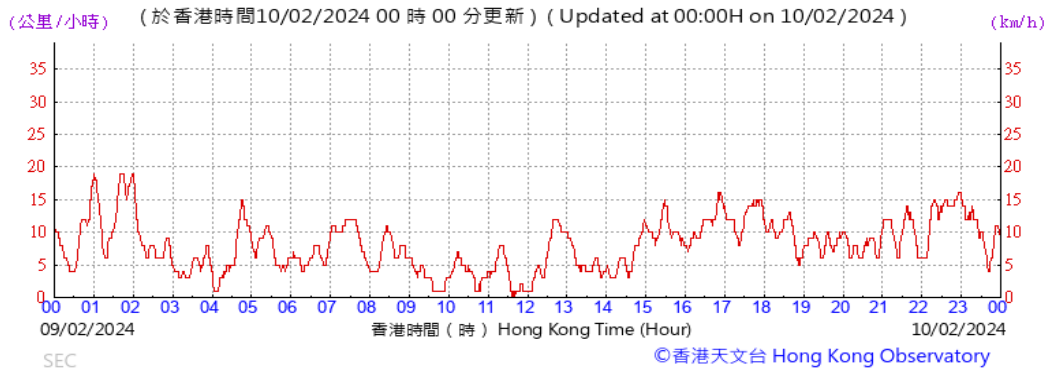
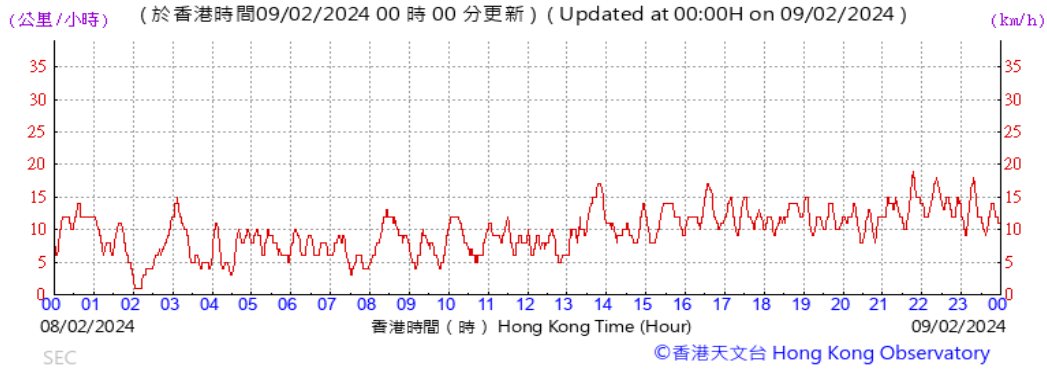
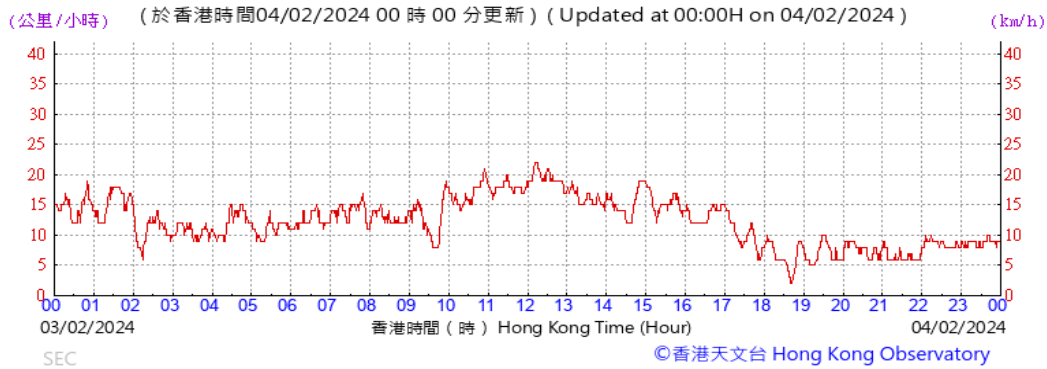
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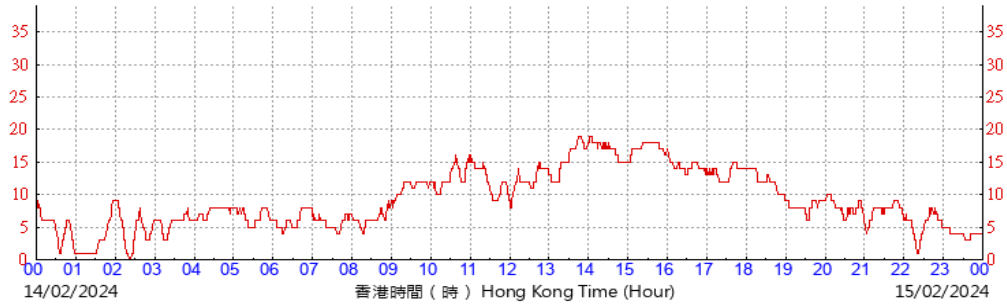


Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory February 2024



Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory February 2024

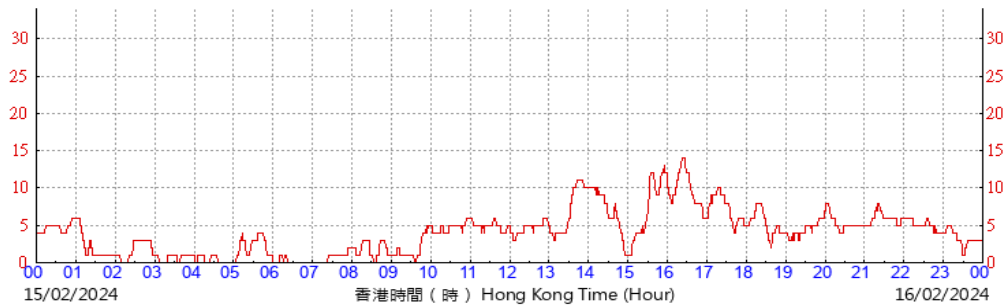
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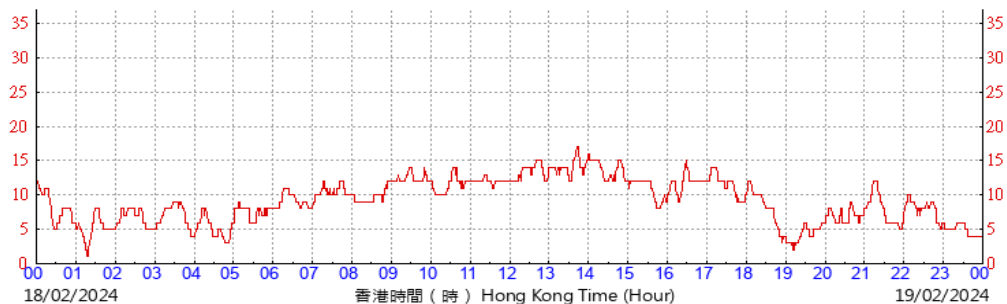
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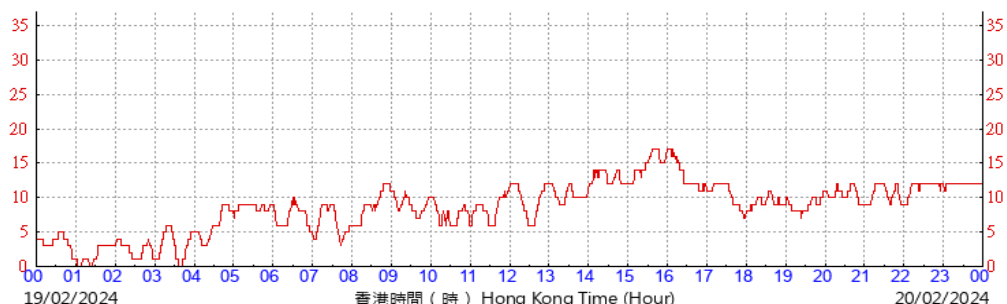
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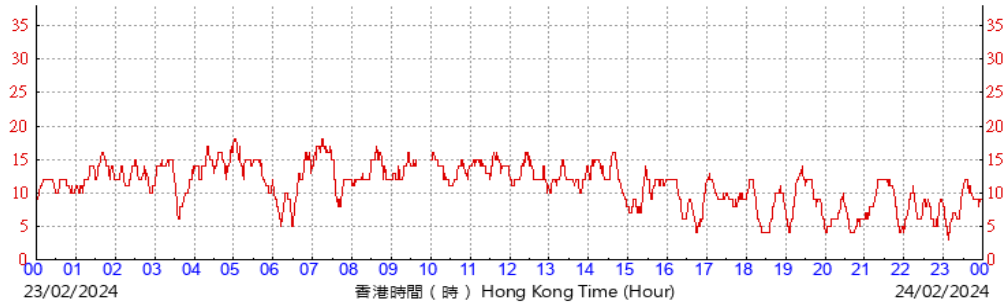


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Data of Wind Speed Extracted from Kai Tak Wind Station of the Hong Kong Observatory February 2024

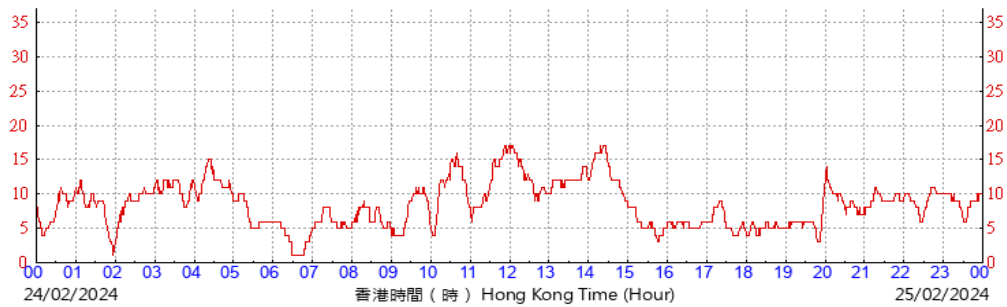
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