

2023 Air Quality Data

| Air Quality Monitoring Station | Annual Mean Concentration ($\mu\text{g}/\text{m}^3$) ^[1] | Range of Monthly Mean Concentration ($\mu\text{g}/\text{m}^3$) ^[1] | Concentration limit ($\mu\text{g}/\text{m}^3$) ^{[1][2]} | No. of exceedances of limit allowed ^[2] |
|---|---|---|--|--|
| Sulphur Dioxide (SO₂) ^[3] | | | | |
| Butterfly Estate | 3 | 1 - 5 | 10-min:500 24-hr: 50 | 10-min: 3 24-hr: 3 |
| Lau Fau Shan | 5 | 4 - 7 | | |
| Lung Kwu Tan | 4 | 2 - 6 | | |
| Tin Shui Wai | 4 | 3 - 5 | | |
| Tuen Mun Clinic | 3 | 1 - 5 | | |
| Nitrogen Dioxide (NO₂) ^[3] | | | | |
| Butterfly Estate | 28 | 18 - 49 | 1-hr: 200 Annual: 40 | 1-hr: 18 Annual: N/A |
| Lau Fau Shan | 23 | 14 - 35 | | |
| Lung Kwu Tan | 16 | 6 - 35 | | |
| Tin Shui Wai | 27 | 12 - 48 | | |
| Tuen Mun Clinic | 32 | 18 - 56 | | |

Notes:

[1] All measurements of the concentration of SO₂ and NO₂ are adjusted to a reference temperature of 293 Kelvin and a reference pressure of 101.325 kPa.

[2] It was set out under Hong Kong Air Quality Objectives (AQOs).

[3] All stations complied with the AQO for SO₂ and NO₂ in 2023.

Information Classification: PROPRIETARY