

2022 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 | 6 | 5 - 7 | 10-min:500 24-hr: 50 | 10-min: 3 24-hr: 3 |
| Lau Fau Shan | 7 | 5 - 10 | | |
| Lung Kwu Tan | 4 | 2 - 7 | | |
| Tin Shui Wai | 6 | 3 - 9 | | |
| Tuen Mun Clinic | 5 | 2 - 8 | | |
| Nitrogen Dioxide (NO₂) ^[3] | | | | |
| Butterfly Estate | 27 | 18 - 40 | 1-hr: 200 Annual: 40 | 1-hr: 18 Annual: N/A |
| Lau Fau Shan | 23 | 13 - 34 | | |
| Lung Kwu Tan | 18 | 8 - 31 | | |
| Tin Shui Wai | 24 | 9 - 39 | | |
| Tuen Mun Clinic | 37 | 22 - 55 | | |

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 2022.