**Table 1. The incidence and case-fatality ratio of dengue and annual temperature and rainfall in 2023 in the Southern and Northern divisions of Bangladesh**

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| --- | --- | --- | --- | --- |
| **Parameters** | **Southern divisions** | **Northern divisions** | **p-value** | **Dhaka division** |
| Annual mean temperature (°C) in 2023 | 27.46 | 26.54 | <0.01 | 27.07 |
| Annual total rainfall (mm) in 2023 | 2026.5 | 2638.13 | 0.049 | 2160.7 |
| Annual mean relative humidity (%) in 2023 | 80.79 | 79.08 | <0.001 | 70.88 |
| Incidence of dengue (per 1000 population) in 2023 | 2.30 | 0.50 | <0.01 | 2.92 |
| Case-fatality ratio of dengue (%) in 2023 | 0.24 | 0.13 | 0.110 | 0.29 |