**Table 1**: Percentage fractional error of the models

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Time Percentage | **Fractional Error %** | | | | | | |
| **Fades** | | | | **Enhancement** | | |
|  | Karasawa | ITU | Van de Kamp | Otung | Karasawa | Van de Kamp | Otung |
| 0.01 | 15.83331 | 25.21377 | 56.15921 | 62.46375 | 12.73090 | 56.52032 | 66.81157 |
| 0.1 | 14.56581 | 31.99118 | 48.38463 | 65.54942 | 16.75449 | 50.67971 | 68.82811 |
| 1 | 7.094454 | 19.03890 | 57.05565 | 73.72232 | 7.981261 | 70.94454 | 79.27787 |
| 10 | 20.17614 | 63.50948 | 75.73170 | 84.62059 | 25.94075 | 76.84281 | 86.84281 |

**Table 2**: Monthly variability of standard deviation of the scintillation intensity

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Average |
| ITU | 0.3545 | 0.3531 | 0.3471 | 0.3871 | 0.4095 | 0.4195 | 0.4215 | 0.3915 | 0.4115 | 0.4090 | 0.3874 | 0.3644 | 0.3880 |
| Van de Kamp | 0.3191 | 0.3179 | 0.3124 | 0.3484 | 0.3686 | 0.3486 | 0.3576 | 0.3276 | 0.3376 | 0.3682 | 0.3487 | 0.3280 | 0.3402 |
| Karasawa | 0.4838 | 0.4972 | 0.4701 | 0.4573 | 0.4638 | 0.4638 | 0.4504 | 0.4638 | 0.4518 | 0.4832 | 0.4938 | 0.5007 | 0.4733 |
| Measured | 0.5711 | 0.5911 | 0.5711 | 0.5309 | 0.4971 | 0.4852 | 0.4771 | 0.5011 | 0.4991 | 0.5005 | 0.5511 | 0.5213 | 0.5247 |
| Otung | 0.2771 | 0.2793 | 0.2801 | 0.2509 | 0.2381 | 0.2481 | 0.2418 | 0.2681 | 0.2581 | 0.2880 | 0.2981 | 0.2981 | 0.2688 |