Table S4. Summary of statistical analysis results of completed and extended monthly total rainfall records

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meteorological Station | Analysis Periods | N | $$\overline{X}$$ | S | Statistical test 95% | Fc | Ft | Change |
| Tc | Tt | $$\overline{X}$$ | s |
| Fz | 1968-1996 | 348.00 | 211.91 | 160.35 | 0.347 | 1.647 | 0.949 | 1.227 | NO | NO |
| 1997-2018 | 264.00 | 207.42 | 156.21 |  |  |  |  |  |  |
| Mp | 1968-1981 | 348.00 | 156.78 | 144.84 | 0.038 | 1.647 | 0.967 | 1.227 | NO | NO |
| 2001-2018 | 264.00 | 156.33 | 142.43 |  |  |  |  |  |  |
| LF | 1968-1996 | 348.00 | 200.68 | 175.60 | 0.317 | 1.647 | 0.947 | 1.227 | NO | NO |
| 1997-2018 | 264.00 | 196.19 | 170.90 |  |  |  |  |  |  |
| PG | 1965-1989 | 348.00 | 175.83 | 110.64 | 0.169 | 1.647 | 0.974 | 1.227 | NO | NO |
| 1990-2017 | 264.00 | 174.31 | 109.18 |  |  |  |  |  |  |