| | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | **Mann-Kendall Trend Test Analysis** | | | | | | | | |
| 2 | | | User Selected Options | | | | | | | | | |
| 3 | | | Date/Time of Computation | ProUCL 5.17/12/2021 7:49:34 PM | | | | | | | | |
| 4 | | | From File | WorkSheet.xls | | | | | | | | |
| 5 | | | Full Precision | OFF | | | | | | | | |
| 6 | | | Confidence Coefficient | 0.95 | | | | | | | | |
| 7 | | | Level of Significance | 0.05 | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | **TDS** | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | **General Statistics** | | | | | | | | | | | |
| 12 | | | Number of Events Reported (m) | | 11 | | | | | | | |
| 13 | | | Number of Missing Events | | 0 | | | | | | | |
| 14 | | | Number or Reported Events Used | | 11 | | | | | | | |
| 15 | | | Number Values Reported (n) | | 11 | | | | | | | |
| 16 | | | Minimum | | 520 | | | | | | | |
| 17 | | | Maximum | | 970 | | | | | | | |
| 18 | | | Mean | | 738.2 | | | | | | | |
| 19 | | | Geometric Mean | | 724 | | | | | | | |
| 20 | | | Median | | 710 | | | | | | | |
| 21 | | | Standard Deviation | | 149.7 | | | | | | | |
| 22 | | | Coefficient of Variation | | 0.203 | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | **Mann-Kendall Test** | | | | | | | | | | | |
| 25 | | | M-K Test Value (S) | | 31 | | | | | | | |
| 26 | | | Tabulated p-value | | 0.008 | | | | | | | |
| 27 | | | Standard Deviation of S | | 12.77 | | | | | | | |
| 28 | | | Standardized Value of S | | 2.35 | | | | | | | |
| 29 | | | Approximate p-value | | 0.00939 | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | **Statistically significant evidence of an increasing** | | | | | | | | | | | |
| 32 | **trend at the specified level of significance.** | | | | | | | | | | | |