Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation   ProUCL 5.2 1/3/2025 8:53:21 AM
From File   FYNOP ProUCL Data Group B 1-2-25.xls
Full Precision   OFF
Confidence Coefficient   0.8
Level of Significance   0.2

MW-101S PCE

General Statistics

Number of Events Reported (m)	14
Number of Missing Events	0
Number or Reported Events Used	14
Number Values Reported (n)	14
Minimum	1.1
Maximum	4.2
Mean	2.721
Geometric Mean	2.557
Median	2.7
Standard Deviation	0.933
Coefficient of Variation	0.343

Mann-Kendall Test

M-K Test Value (S)	16
Tabulated p-value	0.194
Standard Deviation of S	18.18
Standardized Value of S	0.825
Approximate p-value	0.205

Statistically significant evidence of an increasing
trend at the specified level of significance.