

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/3/2025 8:35:40 AM
From File	FYNOP ProUCL Data Group A 1-2-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-5 TCE

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	0.3
Maximum	0.47
Mean	0.344
Geometric Mean	0.339
Median	0.3
Standard Deviation	0.0647
Coefficient of Variation	0.188

Mann-Kendall Test

M-K Test Value (S)	-13
Tabulated p-value	0.259
Standard Deviation of S	16.38
Standardized Value of S	-0.733
Approximate p-value	0.232

Insufficient evidence to identify a significant trend at the specified level of significance.