

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/3/2025 8:52:45 AM
From File	FYNOP ProUCL Data Group B 1-2-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-101S 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	0.76
Mean	0.504
Geometric Mean	0.478
Median	0.49
Standard Deviation	0.164
Coefficient of Variation	0.326

Mann-Kendall Test

M-K Test Value (S)	5
Tabulated p-value	0.415
Standard Deviation of S	18.21
Standardized Value of S	0.22
Approximate p-value	0.413

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