

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/3/2025 8:41:08 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-88 TCE

General Statistics

Number of Events Reported (m)	14
Number of Missing Events	0
Number of Reported Events Used	14
Number Values Reported (n)	14
Minimum	0.3
Maximum	2.4
Mean	1.169
Geometric Mean	0.926
Median	1.25
Standard Deviation	0.721
Coefficient of Variation	0.617

Mann-Kendall Test

M-K Test Value (S)	-36
Tabulated p-value	0.024
Standard Deviation of S	18.24
Standardized Value of S	-1.919
Approximate p-value	0.0275

Statistically significant evidence of a decreasing trend at the specified level of significance.