

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 12/2/2024 8:24:20 AM
From File	FYNOP ProUCL Data Group B2 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-22 TCE

General Statistics

Number of Events Reported (m)	6
Number of Missing Events	0
Number or Reported Events Used	6
Number Values Reported (n)	6
Minimum	1.8
Maximum	4.4
Mean	2.55
Geometric Mean	2.395
Median	2.05
Standard Deviation	1.058
Coefficient of Variation	0.415

Mann-Kendall Test

M-K Test Value (S)	-10
Tabulated p-value	0.028
Standard Deviation of S	4.967
Standardized Value of S	-1.812
Approximate p-value	0.035

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