

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 12/2/2024 8:25:48 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-165 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	0.75
Maximum	3.3
Mean	1.758
Geometric Mean	1.559
Median	1.6
Standard Deviation	0.937
Coefficient of Variation	0.533

Mann-Kendall Test

M-K Test Value (S)	-15
Tabulated p-value	0.001
Standard Deviation of S	5.323
Standardized Value of S	-2.63
Approximate p-value	0.00427

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