

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/27/2024 7:59:12 AM
From File	FYNOP ProUCL Data Group B1 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-143S TCE

General Statistics

Number of Events Reported (m)	12
Number of Missing Events	0
Number or Reported Events Used	12
Number Values Reported (n)	12
Minimum	0.3
Maximum	3
Mean	1.093
Geometric Mean	0.81
Median	0.895
Standard Deviation	0.874
Coefficient of Variation	0.799

Mann-Kendall Test

M-K Test Value (S)	-60
Tabulated p-value	0
Standard Deviation of S	14.42
Standardized Value of S	-4.091
Approximate p-value	2.15E-05

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