

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/27/2024 1:31:53 PM
From File	FYNOP ProUCL Data Group B1 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-115 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	0.3
Maximum	0.94
Mean	0.5
Geometric Mean	0.452
Median	0.385
Standard Deviation	0.261
Coefficient of Variation	0.522

Mann-Kendall Test

M-K Test Value (S)	-8
Tabulated p-value	0.068
Standard Deviation of S	5.228
Standardized Value of S	-1.339
Approximate p-value	0.0903

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