

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/27/2024 11:50:13 AM
From File	FYNOP ProUCL Data Group B1 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-79 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	0.69
Mean	0.408
Geometric Mean	0.392
Median	0.36
Standard Deviation	0.144
Coefficient of Variation	0.353

Mann-Kendall Test

M-K Test Value (S)	-7
Tabulated p-value	0.136
Standard Deviation of S	5.323
Standardized Value of S	-1.127
Approximate p-value	0.13

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