

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 12/2/2024 8:45:51 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-110 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	0.41
Maximum	0.71
Mean	0.505
Geometric Mean	0.496
Median	0.465
Standard Deviation	0.112
Coefficient of Variation	0.221

Mann-Kendall Test

M-K Test Value (S)	-13
Tabulated p-value	0.008
Standard Deviation of S	5.323
Standardized Value of S	-2.254
Approximate p-value	0.0121

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