

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/27/2024 1:26:17 PM
From File	FYNOP ProUCL Data Group B1 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-112 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	0.68
Maximum	1
Mean	0.81
Geometric Mean	0.801
Median	0.795
Standard Deviation	0.131
Coefficient of Variation	0.162

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 an increasing trend at the specified level of significance.