

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/3/2025 8:42:37 AM
From File	FYNOP ProUCL Data Group B 1-2-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-88 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	14
Number of Missing Events	0
Number or Reported Events Used	14
Number Values Reported (n)	14
Minimum	0.17
Maximum	1.8
Mean	0.719
Geometric Mean	0.575
Median	0.725
Standard Deviation	0.495
Coefficient of Variation	0.688

Mann-Kendall Test

M-K Test Value (S)	-20
Tabulated p-value	0.14
Standard Deviation of S	18
Standardized Value of S	-1.056
Approximate p-value	0.146

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