

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/3/2025 8:38:59 AM
From File	FYNOP ProUCL Data Group A 1-2-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-5 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	1.8
Maximum	6
Mean	3.793
Geometric Mean	3.624
Median	3.9
Standard Deviation	1.12
Coefficient of Variation	0.295

Mann-Kendall Test

M-K Test Value (S)	-18
Tabulated p-value	0.165
Standard Deviation of S	18.24
Standardized Value of S	-0.932
Approximate p-value	0.176

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