

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/3/2025 9:06:32 AM
From File	FYNOP ProUCL Data Group B 1-2-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-101D Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	14
Number of Missing Events	0
Number of Reported Events Used	14
Number Values Reported (n)	14
Minimum	6.5
Maximum	13
Mean	8.564
Geometric Mean	8.439
Median	8.5
Standard Deviation	1.605
Coefficient of Variation	0.187

Mann-Kendall Test

M-K Test Value (S)	-55
Tabulated p-value	0.001
Standard Deviation of S	18.21
Standardized Value of S	-2.965
Approximate p-value	0.00151

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