

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:15:05 PM
From File	FYNOP ProUCL Data Group A 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-20S Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	12
Number of Missing Events	0
Number of Reported Events Used	12
Number Values Reported (n)	12
Minimum	0.3
Maximum	2.2
Mean	0.965
Geometric Mean	0.823
Median	0.975
Standard Deviation	0.55
Coefficient of Variation	0.57

Mann-Kendall Test

M-K Test Value (S)	-43
Tabulated p-value	0.002
Standard Deviation of S	14.48
Standardized Value of S	-2.901
Approximate p-value	0.00186

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