

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 2:48:09 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-3 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	0.52
Maximum	0.82
Mean	0.668
Geometric Mean	0.66
Median	0.66
Standard Deviation	0.102
Coefficient of Variation	0.153

Mann-Kendall Test

M-K Test Value (S)	-30
Tabulated p-value	0.022
Standard Deviation of S	14.51
Standardized Value of S	-1.998
Approximate p-value	0.0229

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