

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/27/2024 7:58:45 AM
From File	FYNOP ProUCL Data Group B1 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-143D Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	12
Number of Missing Events	0
Number or Reported Events Used	12
Number Values Reported (n)	12
Minimum	0.25
Maximum	3.7
Mean	1.532
Geometric Mean	1.101
Median	1.3
Standard Deviation	1.155
Coefficient of Variation	0.754

Mann-Kendall Test

M-K Test Value (S)	64
Tabulated p-value	0
Standard Deviation of S	14.58
Standardized Value of S	4.32
Approximate p-value	7.80E-06

Statistically significant evidence of an increasing trend at the specified level of significance.