

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/27/2024 1:33:41 PM
From File	FYNOP ProUCL Data Group B1 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-115 1,1-DCE

General Statistics

Number of Events Reported (m)	6
Number of Missing Events	0
Number or Reported Events Used	6
Number Values Reported (n)	6
Minimum	1.4
Maximum	3.1
Mean	2.167
Geometric Mean	2.1
Median	2
Standard Deviation	0.596
Coefficient of Variation	0.275

Mann-Kendall Test

M-K Test Value (S)	-8
Tabulated p-value	0.068
Standard Deviation of S	5.228
Standardized Value of S	-1.339
Approximate p-value	0.0903

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