

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/27/2024 1:34:00 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 1,2-DCA

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	0.3
Maximum	1.5
Mean	0.95
Geometric Mean	0.784
Median	1.15
Standard Deviation	0.521
Coefficient of Variation	0.548

Mann-Kendall Test

M-K Test Value (S)	-14
Tabulated p-value	0.001
Standard Deviation of S	5.228
Standardized Value of S	-2.487
Approximate p-value	0.00645

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