

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/27/2024 11:51:56 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-79 1,1-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	1.2
Maximum	2.9
Mean	1.717
Geometric Mean	1.634
Median	1.55
Standard Deviation	0.637
Coefficient of Variation	0.371

Mann-Kendall Test

M-K Test Value (S)	-13
Tabulated p-value	0.008
Standard Deviation of S	5.132
Standardized Value of S	-2.338
Approximate p-value	0.00968

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