

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 12/2/2024 8:39:35 AM
From File	FYNOP ProUCL Data Group B2 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

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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	0.43
Maximum	0.9
Mean	0.593
Geometric Mean	0.575
Median	0.52
Standard Deviation	0.173
Coefficient of Variation	0.292

Mann-Kendall Test

M-K Test Value (S)	-10
Tabulated p-value	0.028
Standard Deviation of S	5.228
Standardized Value of S	-1.721
Approximate p-value	0.0426

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