

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/27/2024 11:43:18 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-65S TCE

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	17
Mean	8.667
Geometric Mean	5.219
Median	9.2
Standard Deviation	6.097
Coefficient of Variation	0.704

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.