

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 2:51:06 PM
From File	FYNOP ProUCL Data Group A 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-9 TCE

General Statistics

Number of Events Reported (m)	12
Number of Missing Events	0
Number of Reported Events Used	12
Number Values Reported (n)	12
Minimum	4
Maximum	44
Mean	17.85
Geometric Mean	12.43
Median	14.5
Standard Deviation	14.6
Coefficient of Variation	0.818

Mann-Kendall Test

M-K Test Value (S)	-52
Tabulated p-value	0
Standard Deviation of S	14.58
Standardized Value of S	-3.497
Approximate p-value	2.35E-04

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