

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:04:31 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-18D 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	1.3
Maximum	42
Mean	7.492
Geometric Mean	4.44
Median	3.7
Standard Deviation	11.17
Coefficient of Variation	1.491

Mann-Kendall Test

M-K Test Value (S)	-58
Tabulated p-value	0
Standard Deviation of S	14.58
Standardized Value of S	-3.909
Approximate p-value	4.64E-05

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