

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:02:30 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-18S TCE

General Statistics

Number of Events Reported (m)	12
Number of Missing Events	0
Number or Reported Events Used	12
Number Values Reported (n)	12
Minimum	1.2
Maximum	45
Mean	7.258
Geometric Mean	3.774
Median	3.2
Standard Deviation	12.22
Coefficient of Variation	1.684

Mann-Kendall Test

M-K Test Value (S)	-43
Tabulated p-value	0.002
Standard Deviation of S	14.55
Standardized Value of S	-2.887
Approximate p-value	0.00195

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