

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 2:45:45 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-3 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	1.7
Maximum	32
Mean	15.67
Geometric Mean	8.464
Median	11.1
Standard Deviation	14.08
Coefficient of Variation	0.898

Mann-Kendall Test

M-K Test Value (S)	-54
Tabulated p-value	0
Standard Deviation of S	14.51
Standardized Value of S	-3.652
Approximate p-value	1.30E-04

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