

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 12/2/2024 8:38:16 AM
From File	FYNOP ProUCL Data Group B2 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-43D 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	1.6
Maximum	5.1
Mean	3.233
Geometric Mean	2.953
Median	3.1
Standard Deviation	1.442
Coefficient of Variation	0.446

Mann-Kendall Test

M-K Test Value (S)	-12
Tabulated p-value	0.008
Standard Deviation of S	5.228
Standardized Value of S	-2.104
Approximate p-value	0.0177

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