

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 12/2/2024 8:41:35 AM
From File	FYNOP ProUCL Data Group B2 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

Cole Steel (MW-12) 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	8.5
Maximum	16
Mean	13.75
Geometric Mean	13.46
Median	14.5
Standard Deviation	2.824
Coefficient of Variation	0.205

Mann-Kendall Test

M-K Test Value (S)	-4
Tabulated p-value	0.235
Standard Deviation of S	5.228
Standardized Value of S	-0.574
Approximate p-value	0.283

Insufficient evidence to identify a significant trend at the specified level of significance.