

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:07:45 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-20S 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	7.7
Maximum	130
Mean	51.89
Geometric Mean	34.72
Median	40
Standard Deviation	42.81
Coefficient of Variation	0.825

Mann-Kendall Test

M-K Test Value (S)	-41
Tabulated p-value	0.003
Standard Deviation of S	14.55
Standardized Value of S	-2.749
Approximate p-value	0.00299

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