

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:18:31 PM
From File	FYNOP ProUCL Data Group A 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

CW-2 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	0.62
Maximum	15
Mean	8.018
Geometric Mean	6.556
Median	6.95
Standard Deviation	4.07
Coefficient of Variation	0.508

Mann-Kendall Test

M-K Test Value (S)	-14
Tabulated p-value	0.19
Standard Deviation of S	14.58
Standardized Value of S	-0.891
Approximate p-value	0.186

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