

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:17:30 PM
From File	FYNOP ProUCL Data Group A 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

CW-1A PCE

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	0.65
Maximum	2.8
Mean	1.691
Geometric Mean	1.586
Median	1.8
Standard Deviation	0.576
Coefficient of Variation	0.341

Mann-Kendall Test

M-K Test Value (S)	-24
Tabulated p-value	0.058
Standard Deviation of S	14.42
Standardized Value of S	-1.595
Approximate p-value	0.0554

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