

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:18:55 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-2 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	0.52
Maximum	3.2
Mean	1.442
Geometric Mean	1.219
Median	1.05
Standard Deviation	0.914
Coefficient of Variation	0.634

Mann-Kendall Test

M-K Test Value (S)	-33
Tabulated p-value	0.016
Standard Deviation of S	14.55
Standardized Value of S	-2.199
Approximate p-value	0.0139

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