

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 12/2/2024 9:29:51 AM
From File	FYNOP ProUCL Data Group B2 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-82 PCE

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	1.1
Maximum	1.8
Mean	1.417
Geometric Mean	1.401
Median	1.4
Standard Deviation	0.232
Coefficient of Variation	0.164

Mann-Kendall Test

M-K Test Value (S)	2
Tabulated p-value	0.36
Standard Deviation of S	5.228
Standardized Value of S	0.191
Approximate p-value	0.424

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