

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/3/2025 8:44:48 AM
From File	FYNOP ProUCL Data Group B 1-2-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-166 PCE

General Statistics

Number of Events Reported (m)	31
Number of Missing Events	0
Number of Reported Events Used	31
Number Values Reported (n)	31
Minimum	0.48
Maximum	70
Mean	6.094
Geometric Mean	1.794
Median	1.1
Standard Deviation	14.02
Coefficient of Variation	2.301

Mann-Kendall Test

M-K Test Value (S)	-14
Critical Value (0.2)	-0.842
Standard Deviation of S	58.79
Standardized Value of S	-0.221
Approximate p-value	0.412

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