

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:01:16 PM
From File	FYNOP ProUCL Data Group A 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-16S 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	0.3
Maximum	450
Mean	51.88
Geometric Mean	3.523
Median	1.4
Standard Deviation	129.6
Coefficient of Variation	2.498

Mann-Kendall Test

M-K Test Value (S)	-44
Tabulated p-value	0.001
Standard Deviation of S	14.58
Standardized Value of S	-2.949
Approximate p-value	0.0016

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