

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:16:29 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-20M 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	0.15
Maximum	0.93
Mean	0.507
Geometric Mean	0.443
Median	0.5
Standard Deviation	0.239
Coefficient of Variation	0.472

Mann-Kendall Test

M-K Test Value (S)	27
Tabulated p-value	0.043
Standard Deviation of S	14.55
Standardized Value of S	1.787
Approximate p-value	0.037

Statistically significant evidence of an increasing trend at the specified level of significance.