

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:14:41 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-20S 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	1.4
Maximum	17
Mean	5.158
Geometric Mean	3.567
Median	2.75
Standard Deviation	5.447
Coefficient of Variation	1.056

Mann-Kendall Test

M-K Test Value (S)	-24
Tabulated p-value	0.058
Standard Deviation of S	14.58
Standardized Value of S	-1.577
Approximate p-value	0.0574

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