

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 2:46:58 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-3 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	0.54
Mean	0.388
Geometric Mean	0.378
Median	0.36
Standard Deviation	0.0907
Coefficient of Variation	0.234

Mann-Kendall Test

M-K Test Value (S)	-34
Tabulated p-value	0.01
Standard Deviation of S	13.98
Standardized Value of S	-2.361
Approximate p-value	0.00911

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