

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 2:57:30 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-12 TCE

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	55
Maximum	130
Mean	79.58
Geometric Mean	76.55
Median	71
Standard Deviation	24.53
Coefficient of Variation	0.308

Mann-Kendall Test

M-K Test Value (S)	-40
Tabulated p-value	0.003
Standard Deviation of S	14.58
Standardized Value of S	-2.674
Approximate p-value	0.00374

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