

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:16:58 PM
From File	FYNOP ProUCL Data Group A 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

CW-1A 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	8.2
Maximum	56
Mean	30.63
Geometric Mean	26.68
Median	29.5
Standard Deviation	14.76
Coefficient of Variation	0.482

Mann-Kendall Test

M-K Test Value (S)	-22
Tabulated p-value	0.076
Standard Deviation of S	14.58
Standardized Value of S	-1.44
Approximate p-value	0.0749

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