

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:03:27 PM
From File	FYNOP ProUCL Data Group A 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-18S Cis-1,2 DCE

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	3.7
Maximum	71
Mean	18.14
Geometric Mean	13.67
Median	14
Standard Deviation	17.78
Coefficient of Variation	0.98

Mann-Kendall Test

M-K Test Value (S)	-19
Tabulated p-value	0.125
Standard Deviation of S	14.55
Standardized Value of S	-1.237
Approximate p-value	0.108

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