

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:02:04 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-16S 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	4.1
Maximum	42
Mean	17.35
Geometric Mean	11.31
Median	6.85
Standard Deviation	16.34
Coefficient of Variation	0.942

Mann-Kendall Test

M-K Test Value (S)	-34
Tabulated p-value	0.01
Standard Deviation of S	14.58
Standardized Value of S	-2.263
Approximate p-value	0.0118

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