

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:06:38 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-18D Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	12
Number of Missing Events	0
Number of Reported Events Used	12
Number Values Reported (n)	12
Minimum	7.3
Maximum	66
Mean	20.03
Geometric Mean	16.87
Median	14.5
Standard Deviation	15.49
Coefficient of Variation	0.774

Mann-Kendall Test

M-K Test Value (S)	-33
Tabulated p-value	0.016
Standard Deviation of S	14.46
Standardized Value of S	-2.213
Approximate p-value	0.0134

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