

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 12/2/2024 8:39:08 AM
From File	FYNOP ProUCL Data Group B2 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-43D Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	6
Number of Missing Events	0
Number or Reported Events Used	6
Number Values Reported (n)	6
Minimum	3.3
Maximum	7.2
Mean	5.15
Geometric Mean	4.98
Median	5
Standard Deviation	1.443
Coefficient of Variation	0.28

Mann-Kendall Test

M-K Test Value (S)	-15
Tabulated p-value	0.001
Standard Deviation of S	5.323
Standardized Value of S	-2.63
Approximate p-value	0.00427

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