

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 2:58:54 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-12 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	42
Maximum	75
Mean	56.75
Geometric Mean	55.92
Median	57
Standard Deviation	10.12
Coefficient of Variation	0.178

Mann-Kendall Test

M-K Test Value (S)	47
Tabulated p-value	0
Standard Deviation of S	14.55
Standardized Value of S	3.162
Approximate p-value	7.84E-04

Statistically significant evidence of an increasing trend at the specified level of significance.