

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 2:51:31 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-9 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	15
Maximum	36
Mean	26.08
Geometric Mean	24.82
Median	28.5
Standard Deviation	8.096
Coefficient of Variation	0.31

Mann-Kendall Test

M-K Test Value (S)	-34
Tabulated p-value	0.01
Standard Deviation of S	14.51
Standardized Value of S	-2.274
Approximate p-value	0.0115

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