

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 11/26/2024 3:00:47 PM
From File	FYNOP ProUCL Data Group A 11-26-24.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-16S TCE

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	5.6
Maximum	20
Mean	13.65
Geometric Mean	12.57
Median	15.5
Standard Deviation	5.105
Coefficient of Variation	0.374

Mann-Kendall Test

M-K Test Value (S)	9
Tabulated p-value	0.319
Standard Deviation of S	14.55
Standardized Value of S	0.55
Approximate p-value	0.291

Insufficient evidence to identify a significant trend at the specified level of significance.