Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation   ProUCL 5.2 11/27/2024 1:32:14 PM
From File   FYNOP ProUCL Data Group B1 11-26-24.xls
Full Precision   OFF
Confidence Coefficient   0.9
Level of Significance   0.1

MW-115 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   75
Maximum   150
Mean   107.8
Geometric Mean   104.9
Median   109
Standard Deviation   27.63
Coefficient of Variation   0.256

Mann-Kendall Test

M-K Test Value (S)   -12
Tabulated p-value   0.008
Standard Deviation of S   5.228
Standardized Value of S   -2.104
Approximate p-value   0.0177

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