Mann-Kendall Trend Test Analysis

User Selected Options
Date/Time of Computation   ProUCL 5.2 11/26/2024 2:57:53 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 PCE

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   2.7
Maximum   6.4
Mean   3.933
Geometric Mean   3.8
Median   3.75
Standard Deviation   1.127
Coefficient of Variation   0.286

Mann-Kendall Test
M-K Test Value (S)   -31
Tabulated p-value   0.022
Standard Deviation of S   14.55
Standardized Value of S   -2.062
Approximate p-value   0.0196

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