

## Mann-Kendall Trend Test Analysis

### User Selected Options

|                          |                                         |
|--------------------------|-----------------------------------------|
| Date/Time of Computation | ProUCL 5.2 11/27/2024 12:06:57 PM       |
| From File                | FYNOP ProUCL Data Group B1 11-26-24.xls |
| Full Precision           | OFF                                     |
| Confidence Coefficient   | 0.8                                     |
| Level of Significance    | 0.2                                     |

MW-111 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                        | 0.2   |
| Maximum                        | 8.6   |
| Mean                           | 5.117 |
| Geometric Mean                 | 3.23  |
| Median                         | 5.75  |
| Standard Deviation             | 3.233 |
| Coefficient of Variation       | 0.632 |

### Mann-Kendall Test

|                         |       |
|-------------------------|-------|
| M-K Test Value (S)      | 3     |
| Tabulated p-value       | 0.36  |
| Standard Deviation of S | 5.323 |
| Standardized Value of S | 0.376 |
| Approximate p-value     | 0.354 |

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