

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 10:00:13 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-67S TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	1.2
Maximum	2.2
Mean	1.657
Geometric Mean	1.622
Median	1.6
Standard Deviation	0.374
Coefficient of Variation	0.225

Mann-Kendall Test

M-K Test Value (S)	-10
Tabulated p-value	0.068
Standard Deviation of S	6.583
Standardized Value of S	-1.367
Approximate p-value	0.0858

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

Mann-Kendall Trend Test Analysis

User Selected Options	
Date/Time of Computation	ProUCL 5.2 1/12/2026 9:59:51 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-67S TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	1.2
Maximum	2.2
Mean	1.657
Geometric Mean	1.622
Median	1.6
Standard Deviation	0.374
Coefficient of Variation	0.225

Mann-Kendall Test

M-K Test Value (S)	-10
Tabulated p-value	0.068
Standard Deviation of S	6.583
Standardized Value of S	-1.367
Approximate p-value	0.0858

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 10:00:58 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-67S PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	1.4
Maximum	2.5
Mean	1.8
Geometric Mean	1.766
Median	1.7
Standard Deviation	0.392
Coefficient of Variation	0.218

Mann-Kendall Test

M-K Test Value (S)	5
Tabulated p-value	0.281
Standard Deviation of S	6.506
Standardized Value of S	0.615
Approximate p-value	0.269

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 10:00:34 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-67S PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	1.4
Maximum	2.5
Mean	1.8
Geometric Mean	1.766
Median	1.7
Standard Deviation	0.392
Coefficient of Variation	0.218

Mann-Kendall Test

M-K Test Value (S)	5
Tabulated p-value	0.281
Standard Deviation of S	6.506
Standardized Value of S	0.615
Approximate p-value	0.269

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 10:01:54 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-67S Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.71
Mean	0.433
Geometric Mean	0.417
Median	0.4
Standard Deviation	0.139
Coefficient of Variation	0.321

Mann-Kendall Test

M-K Test Value (S)	-8
Tabulated p-value	0.119
Standard Deviation of S	6.583
Standardized Value of S	-1.063
Approximate p-value	0.144

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 10:01:32 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-67S Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.71
Mean	0.433
Geometric Mean	0.417
Median	0.4
Standard Deviation	0.139
Coefficient of Variation	0.321

Mann-Kendall Test

M-K Test Value (S)	-8
Tabulated p-value	0.119
Standard Deviation of S	6.583
Standardized Value of S	-1.063
Approximate p-value	0.144

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 10:02:50 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-67S 1,1-DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.43
Maximum	2
Mean	1.239
Geometric Mean	1.136
Median	1.2
Standard Deviation	0.486
Coefficient of Variation	0.393

Mann-Kendall Test

M-K Test Value (S)	8
Tabulated p-value	0.119
Standard Deviation of S	6.583
Standardized Value of S	1.063
Approximate p-value	0.144

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 10:02:23 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-67S 1,1-DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.43
Maximum	2
Mean	1.239
Geometric Mean	1.136
Median	1.2
Standard Deviation	0.486
Coefficient of Variation	0.393

Mann-Kendall Test

M-K Test Value (S)	8
Tabulated p-value	0.119
Standard Deviation of S	6.583
Standardized Value of S	1.063
Approximate p-value	0.144

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 10:03:43 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-67S 1,1,1-TCA

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	2.6
Maximum	10
Mean	5.343
Geometric Mean	4.947
Median	4.9
Standard Deviation	2.356
Coefficient of Variation	0.441

Mann-Kendall Test

M-K Test Value (S)	7
Tabulated p-value	0.191
Standard Deviation of S	6.658
Standardized Value of S	0.901
Approximate p-value	0.184

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 10:03:23 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-67S 1,1,1-TCA

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	2.6
Maximum	10
Mean	5.343
Geometric Mean	4.947
Median	4.9
Standard Deviation	2.356
Coefficient of Variation	0.441

Mann-Kendall Test

M-K Test Value (S)	7
Tabulated p-value	0.191
Standard Deviation of S	6.658
Standardized Value of S	0.901
Approximate p-value	0.184

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:04:55 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-67D TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.67
Maximum	1.2
Mean	0.95
Geometric Mean	0.936
Median	0.92
Standard Deviation	0.172
Coefficient of Variation	0.181

Mann-Kendall Test

M-K Test Value (S)	-12
Tabulated p-value	0.035
Standard Deviation of S	6.583
Standardized Value of S	-1.671
Approximate p-value	0.0474

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:04:24 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-67D TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.67
Maximum	1.2
Mean	0.95
Geometric Mean	0.936
Median	0.92
Standard Deviation	0.172
Coefficient of Variation	0.181

Mann-Kendall Test

M-K Test Value (S)	-12
Tabulated p-value	0.035
Standard Deviation of S	6.583
Standardized Value of S	-1.671
Approximate p-value	0.0474

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:05:41 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-67D PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.47
Mean	0.329
Geometric Mean	0.324
Median	0.3
Standard Deviation	0.0634
Coefficient of Variation	0.193

Mann-Kendall Test

M-K Test Value (S)	-11
Tabulated p-value	0.068
Standard Deviation of S	5.26
Standardized Value of S	-1.901
Approximate p-value	0.0286

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:05:15 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-67D PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.47
Mean	0.329
Geometric Mean	0.324
Median	0.3
Standard Deviation	0.0634
Coefficient of Variation	0.193

Mann-Kendall Test

M-K Test Value (S)	-11
Tabulated p-value	0.068
Standard Deviation of S	5.26
Standardized Value of S	-1.901
Approximate p-value	0.0286

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:06:31 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-67D Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.71
Mean	0.386
Geometric Mean	0.369
Median	0.34
Standard Deviation	0.144
Coefficient of Variation	0.373

Mann-Kendall Test

M-K Test Value (S)	-3
Tabulated p-value	0.386
Standard Deviation of S	6.506
Standardized Value of S	-0.307
Approximate p-value	0.379

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:06:02 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-67D Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.71
Mean	0.386
Geometric Mean	0.369
Median	0.34
Standard Deviation	0.144
Coefficient of Variation	0.373

Mann-Kendall Test

M-K Test Value (S)	-3
Tabulated p-value	0.386
Standard Deviation of S	6.506
Standardized Value of S	-0.307
Approximate p-value	0.379

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:05:10 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-69 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	2.3
Maximum	9.4
Mean	5.643
Geometric Mean	5.083
Median	4.8
Standard Deviation	2.749
Coefficient of Variation	0.487

Mann-Kendall Test

M-K Test Value (S)	-18
Tabulated p-value	0.001
Standard Deviation of S	6.583
Standardized Value of S	-2.582
Approximate p-value	0.0049

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:04:48 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-69 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	2.3
Maximum	9.4
Mean	5.643
Geometric Mean	5.083
Median	4.8
Standard Deviation	2.749
Coefficient of Variation	0.487

Mann-Kendall Test

M-K Test Value (S)	-18
Tabulated p-value	0.001
Standard Deviation of S	6.583
Standardized Value of S	-2.582
Approximate p-value	0.0049

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:07:50 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-69 PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.47
Mean	0.34
Geometric Mean	0.335
Median	0.3
Standard Deviation	0.0645
Coefficient of Variation	0.19

Mann-Kendall Test

M-K Test Value (S)	-9
Tabulated p-value	0.119
Standard Deviation of S	5.972
Standardized Value of S	-1.34
Approximate p-value	0.0902

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:06:05 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-69 PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.47
Mean	0.34
Geometric Mean	0.335
Median	0.3
Standard Deviation	0.0645
Coefficient of Variation	0.19

Mann-Kendall Test

M-K Test Value (S)	-9
Tabulated p-value	0.119
Standard Deviation of S	5.972
Standardized Value of S	-1.34
Approximate p-value	0.0902

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:08:41 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-69 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	2.8
Maximum	8
Mean	4.929
Geometric Mean	4.665
Median	4.7
Standard Deviation	1.777
Coefficient of Variation	0.361

Mann-Kendall Test

M-K Test Value (S)	-11
Tabulated p-value	0.068
Standard Deviation of S	6.658
Standardized Value of S	-1.502
Approximate p-value	0.0666

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:08:18 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-69 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	2.8
Maximum	8
Mean	4.929
Geometric Mean	4.665
Median	4.7
Standard Deviation	1.777
Coefficient of Variation	0.361

Mann-Kendall Test

M-K Test Value (S)	-11
Tabulated p-value	0.068
Standard Deviation of S	6.658
Standardized Value of S	-1.502
Approximate p-value	0.0666

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:09:55 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-79 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.69
Mean	0.393
Geometric Mean	0.377
Median	0.35
Standard Deviation	0.138
Coefficient of Variation	0.351

Mann-Kendall Test

M-K Test Value (S)	-12
Tabulated p-value	0.035
Standard Deviation of S	6.583
Standardized Value of S	-1.671
Approximate p-value	0.0474

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:09:27 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-79 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.69
Mean	0.393
Geometric Mean	0.377
Median	0.35
Standard Deviation	0.138
Coefficient of Variation	0.351

Mann-Kendall Test

M-K Test Value (S)	-12
Tabulated p-value	0.035
Standard Deviation of S	6.583
Standardized Value of S	-1.671
Approximate p-value	0.0474

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:11:25 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-79 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.65
Maximum	6.2
Mean	2.121
Geometric Mean	1.661
Median	1.7
Standard Deviation	1.876
Coefficient of Variation	0.884

Mann-Kendall Test

M-K Test Value (S)	-12
Tabulated p-value	0.035
Standard Deviation of S	6.583
Standardized Value of S	-1.671
Approximate p-value	0.0474

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:11:05 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-79 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.65
Maximum	6.2
Mean	2.121
Geometric Mean	1.661
Median	1.7
Standard Deviation	1.876
Coefficient of Variation	0.884

Mann-Kendall Test

M-K Test Value (S)	-12
Tabulated p-value	0.035
Standard Deviation of S	6.583
Standardized Value of S	-1.671
Approximate p-value	0.0474

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:12:28 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-79 1,1-DCA

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	1.2
Maximum	2.9
Mean	1.714
Geometric Mean	1.644
Median	1.7
Standard Deviation	0.581
Coefficient of Variation	0.339

Mann-Kendall Test

M-K Test Value (S)	-13
Tabulated p-value	0.035
Standard Deviation of S	6.506
Standardized Value of S	-1.844
Approximate p-value	0.0326

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/9/2026 3:11:50 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-79 1,1-DCA

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	1.2
Maximum	2.9
Mean	1.714
Geometric Mean	1.644
Median	1.7
Standard Deviation	0.581
Coefficient of Variation	0.339

Mann-Kendall Test

M-K Test Value (S)	-13
Tabulated p-value	0.035
Standard Deviation of S	6.506
Standardized Value of S	-1.844
Approximate p-value	0.0326

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:50:29 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-88 TCE

General Statistics

Number of Events Reported (m)	18
Number of Missing Events	0
Number of Reported Events Used	18
Number Values Reported (n)	18
Minimum	0.3
Maximum	2.4
Mean	1.157
Geometric Mean	0.943
Median	1.25
Standard Deviation	0.674
Coefficient of Variation	0.582

Mann-Kendall Test

M-K Test Value (S)	-31
Tabulated p-value	0.13
Standard Deviation of S	26.36
Standardized Value of S	-1.138
Approximate p-value	0.128

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:49:59 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-88 TCE

General Statistics

Number of Events Reported (m)	18
Number of Missing Events	0
Number of Reported Events Used	18
Number Values Reported (n)	18
Minimum	0.3
Maximum	2.4
Mean	1.157
Geometric Mean	0.943
Median	1.25
Standard Deviation	0.674
Coefficient of Variation	0.582

Mann-Kendall Test

M-K Test Value (S)	-31
Tabulated p-value	0.13
Standard Deviation of S	26.36
Standardized Value of S	-1.138
Approximate p-value	0.128

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:51:15 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-88 PCE

General Statistics

Number of Events Reported (m)	18
Number of Missing Events	0
Number of Reported Events Used	18
Number Values Reported (n)	18
Minimum	0.63
Maximum	22
Mean	7.901
Geometric Mean	5.45
Median	6.45
Standard Deviation	6.219
Coefficient of Variation	0.787

Mann-Kendall Test

M-K Test Value (S)	44
Tabulated p-value	0.048
Standard Deviation of S	26.38
Standardized Value of S	1.63
Approximate p-value	0.0516

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:50:47 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-88 PCE

General Statistics

Number of Events Reported (m)	18
Number of Missing Events	0
Number of Reported Events Used	18
Number Values Reported (n)	18
Minimum	0.63
Maximum	22
Mean	7.901
Geometric Mean	5.45
Median	6.45
Standard Deviation	6.219
Coefficient of Variation	0.787

Mann-Kendall Test

M-K Test Value (S)	44
Tabulated p-value	0.048
Standard Deviation of S	26.38
Standardized Value of S	1.63
Approximate p-value	0.0516

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:52:18 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-88 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	18
Number of Missing Events	0
Number of Reported Events Used	18
Number Values Reported (n)	18
Minimum	0.17
Maximum	1.8
Mean	0.696
Geometric Mean	0.568
Median	0.65
Standard Deviation	0.46
Coefficient of Variation	0.661

Mann-Kendall Test

M-K Test Value (S)	-22
Tabulated p-value	0.205
Standard Deviation of S	26.06
Standardized Value of S	-0.806
Approximate p-value	0.21

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:51:32 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-88 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	18
Number of Missing Events	0
Number of Reported Events Used	18
Number Values Reported (n)	18
Minimum	0.17
Maximum	1.8
Mean	0.696
Geometric Mean	0.568
Median	0.65
Standard Deviation	0.46
Coefficient of Variation	0.661

Mann-Kendall Test

M-K Test Value (S)	-22
Tabulated p-value	0.205
Standard Deviation of S	26.06
Standardized Value of S	-0.806
Approximate p-value	0.21

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:53:18 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-88 VC

General Statistics

Number of Events Reported (m)	18
Number of Missing Events	0
Number of Reported Events Used	18
Number Values Reported (n)	18
Minimum	0.1
Maximum	0.3
Mean	0.25
Geometric Mean	0.241
Median	0.3
Standard Deviation	0.0618
Coefficient of Variation	0.247

Mann-Kendall Test

M-K Test Value (S)	69
Tabulated p-value	0.004
Standard Deviation of S	22.97
Standardized Value of S	2.96
Approximate p-value	0.00154

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:52:43 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-88 VC

General Statistics

Number of Events Reported (m)	18
Number of Missing Events	0
Number of Reported Events Used	18
Number Values Reported (n)	18
Minimum	0.1
Maximum	0.3
Mean	0.25
Geometric Mean	0.241
Median	0.3
Standard Deviation	0.0618
Coefficient of Variation	0.247

Mann-Kendall Test

M-K Test Value (S)	69
Tabulated p-value	0.004
Standard Deviation of S	22.97
Standardized Value of S	2.96
Approximate p-value	0.00154

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:54:02 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-88 11DCA

General Statistics

Number of Events Reported (m)	18
Number of Missing Events	0
Number of Reported Events Used	18
Number Values Reported (n)	18
Minimum	0.1
Maximum	0.4
Mean	0.294
Geometric Mean	0.287
Median	0.3
Standard Deviation	0.0539
Coefficient of Variation	0.183

Mann-Kendall Test

M-K Test Value (S)	-3
Tabulated p-value	0.47
Standard Deviation of S	14.27
Standardized Value of S	-0.14
Approximate p-value	0.444

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:53:36 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-88 11DCA

General Statistics

Number of Events Reported (m)	18
Number of Missing Events	0
Number of Reported Events Used	18
Number Values Reported (n)	18
Minimum	0.1
Maximum	0.4
Mean	0.294
Geometric Mean	0.287
Median	0.3
Standard Deviation	0.0539
Coefficient of Variation	0.183

Mann-Kendall Test

M-K Test Value (S)	-3
Tabulated p-value	0.47
Standard Deviation of S	14.27
Standardized Value of S	-0.14
Approximate p-value	0.444

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:55:45 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-111 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.2
Maximum	1.2
Mean	0.787
Geometric Mean	0.671
Median	0.74
Standard Deviation	0.4
Coefficient of Variation	0.508

Mann-Kendall Test

M-K Test Value (S)	-2
Tabulated p-value	0.386
Standard Deviation of S	6.583
Standardized Value of S	-0.152
Approximate p-value	0.44

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:55:14 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-111 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.2
Maximum	1.2
Mean	0.787
Geometric Mean	0.671
Median	0.74
Standard Deviation	0.4
Coefficient of Variation	0.508

Mann-Kendall Test

M-K Test Value (S)	-2
Tabulated p-value	0.386
Standard Deviation of S	6.583
Standardized Value of S	-0.152
Approximate p-value	0.44

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:56:27 AM
From File	FYNOP ProUCL Data Group B 12-30-25.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)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.2
Maximum	8.6
Mean	5.214
Geometric Mean	3.511
Median	5.8
Standard Deviation	2.963
Coefficient of Variation	0.568

Mann-Kendall Test

M-K Test Value (S)	3
Tabulated p-value	0.386
Standard Deviation of S	6.658
Standardized Value of S	0.3
Approximate p-value	0.382

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:56:05 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-111 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.2
Maximum	8.6
Mean	5.214
Geometric Mean	3.511
Median	5.8
Standard Deviation	2.963
Coefficient of Variation	0.568

Mann-Kendall Test

M-K Test Value (S)	3
Tabulated p-value	0.386
Standard Deviation of S	6.658
Standardized Value of S	0.3
Approximate p-value	0.382

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

Mann-Kendall Trend Test Analysis

User Selected Options	
Date/Time of Computation	ProUCL 5.2 1/12/2026 9:57:20 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-111 1,1-DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.64
Mean	0.481
Geometric Mean	0.468
Median	0.49
Standard Deviation	0.118
Coefficient of Variation	0.246

Mann-Kendall Test

M-K Test Value (S)	-7
Tabulated p-value	0.191
Standard Deviation of S	6.658
Standardized Value of S	-0.901
Approximate p-value	0.184

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:56:51 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-111 1,1-DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.64
Mean	0.481
Geometric Mean	0.468
Median	0.49
Standard Deviation	0.118
Coefficient of Variation	0.246

Mann-Kendall Test

M-K Test Value (S)	-7
Tabulated p-value	0.191
Standard Deviation of S	6.658
Standardized Value of S	-0.901
Approximate p-value	0.184

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

Mann-Kendall Trend Test Analysis

User Selected Options	
Date/Time of Computation	ProUCL 5.2 1/12/2026 9:58:26 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-112 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.68
Maximum	1.1
Mean	0.851
Geometric Mean	0.838
Median	0.88
Standard Deviation	0.163
Coefficient of Variation	0.191

Mann-Kendall Test

M-K Test Value (S)	13
Tabulated p-value	0.035
Standard Deviation of S	6.658
Standardized Value of S	1.802
Approximate p-value	0.0358

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:58:02 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-112 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.68
Maximum	1.1
Mean	0.851
Geometric Mean	0.838
Median	0.88
Standard Deviation	0.163
Coefficient of Variation	0.191

Mann-Kendall Test

M-K Test Value (S)	13
Tabulated p-value	0.035
Standard Deviation of S	6.658
Standardized Value of S	1.802
Approximate p-value	0.0358

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:59:14 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-112 PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	1.2
Mean	0.634
Geometric Mean	0.522
Median	0.32
Standard Deviation	0.419
Coefficient of Variation	0.66

Mann-Kendall Test

M-K Test Value (S)	14
Tabulated p-value	0.015
Standard Deviation of S	6.377
Standardized Value of S	2.039
Approximate p-value	0.0207

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 9:58:51 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-112 PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	1.2
Mean	0.634
Geometric Mean	0.522
Median	0.32
Standard Deviation	0.419
Coefficient of Variation	0.66

Mann-Kendall Test

M-K Test Value (S)	14
Tabulated p-value	0.015
Standard Deviation of S	6.377
Standardized Value of S	2.039
Approximate p-value	0.0207

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:09:44 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-115 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.94
Mean	0.493
Geometric Mean	0.452
Median	0.43
Standard Deviation	0.239
Coefficient of Variation	0.485

Mann-Kendall Test

M-K Test Value (S)	-6
Tabulated p-value	0.191
Standard Deviation of S	6.583
Standardized Value of S	-0.76
Approximate p-value	0.224

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:09:25 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-115 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.94
Mean	0.493
Geometric Mean	0.452
Median	0.43
Standard Deviation	0.239
Coefficient of Variation	0.485

Mann-Kendall Test

M-K Test Value (S)	-6
Tabulated p-value	0.191
Standard Deviation of S	6.583
Standardized Value of S	-0.76
Approximate p-value	0.224

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:10:27 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-115 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	75
Maximum	150
Mean	104.7
Geometric Mean	102
Median	98
Standard Deviation	26.54
Coefficient of Variation	0.253

Mann-Kendall Test

M-K Test Value (S)	-14
Tabulated p-value	0.015
Standard Deviation of S	6.583
Standardized Value of S	-1.975
Approximate p-value	0.0241

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:10:06 AM
From File	FYNOP ProUCL Data Group B 12-30-25.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)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	75
Maximum	150
Mean	104.7
Geometric Mean	102
Median	98
Standard Deviation	26.54
Coefficient of Variation	0.253

Mann-Kendall Test

M-K Test Value (S)	-14
Tabulated p-value	0.015
Standard Deviation of S	6.583
Standardized Value of S	-1.975
Approximate p-value	0.0241

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:11:05 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-115 Vinyl Chloride

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	67
Maximum	95
Mean	83.29
Geometric Mean	82.84
Median	85
Standard Deviation	9.032
Coefficient of Variation	0.108

Mann-Kendall Test

M-K Test Value (S)	5
Tabulated p-value	0.281
Standard Deviation of S	6.658
Standardized Value of S	0.601
Approximate p-value	0.274

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:10:47 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-115 Vinyl Chloride

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	67
Maximum	95
Mean	83.29
Geometric Mean	82.84
Median	85
Standard Deviation	9.032
Coefficient of Variation	0.108

Mann-Kendall Test

M-K Test Value (S)	5
Tabulated p-value	0.281
Standard Deviation of S	6.658
Standardized Value of S	0.601
Approximate p-value	0.274

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:12:01 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-115 1,1-DCA

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	10
Maximum	20
Mean	12.86
Geometric Mean	12.52
Median	13
Standard Deviation	3.436
Coefficient of Variation	0.267

Mann-Kendall Test

M-K Test Value (S)	-15
Tabulated p-value	0.015
Standard Deviation of S	6.298
Standardized Value of S	-2.223
Approximate p-value	0.0131

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:11:32 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-115 1,1-DCA

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	10
Maximum	20
Mean	12.86
Geometric Mean	12.52
Median	13
Standard Deviation	3.436
Coefficient of Variation	0.267

Mann-Kendall Test

M-K Test Value (S)	-15
Tabulated p-value	0.015
Standard Deviation of S	6.298
Standardized Value of S	-2.223
Approximate p-value	0.0131

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:13:05 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-115 1,1-DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	1.4
Maximum	3.1
Mean	2.1
Geometric Mean	2.038
Median	2
Standard Deviation	0.572
Coefficient of Variation	0.272

Mann-Kendall Test

M-K Test Value (S)	-12
Tabulated p-value	0.035
Standard Deviation of S	6.583
Standardized Value of S	-1.671
Approximate p-value	0.0474

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:12:24 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-115 1,1-DCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	1.4
Maximum	3.1
Mean	2.1
Geometric Mean	2.038
Median	2
Standard Deviation	0.572
Coefficient of Variation	0.272

Mann-Kendall Test

M-K Test Value (S)	-12
Tabulated p-value	0.035
Standard Deviation of S	6.583
Standardized Value of S	-1.671
Approximate p-value	0.0474

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:13:52 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-115 1,2-DCA

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	1.5
Mean	0.857
Geometric Mean	0.683
Median	1.1
Standard Deviation	0.535
Coefficient of Variation	0.624

Mann-Kendall Test

M-K Test Value (S)	-18
Tabulated p-value	0.001
Standard Deviation of S	6.377
Standardized Value of S	-2.666
Approximate p-value	0.00384

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

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 11:13:26 AM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-115 1,2-DCA

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	1.5
Mean	0.857
Geometric Mean	0.683
Median	1.1
Standard Deviation	0.535
Coefficient of Variation	0.624

Mann-Kendall Test

M-K Test Value (S)	-18
Tabulated p-value	0.001
Standard Deviation of S	6.377
Standardized Value of S	-2.666
Approximate p-value	0.00384

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

Mann-Kendall Trend Test Analysis

User Selected Options	
Date/Time of Computation	ProUCL 5.2 1/13/2026 3:18:16 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-115 Benzene

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	5.3
Maximum	9.3
Mean	7.286
Geometric Mean	7.135
Median	7.3
Standard Deviation	1.589
Coefficient of Variation	0.218

Mann-Kendall Test

M-K Test Value (S)	-15
Tabulated p-value	0.015
Standard Deviation of S	6.658
Standardized Value of S	-2.103
Approximate p-value	0.0177

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

Mann-Kendall Trend Test Analysis

User Selected Options	
Date/Time of Computation	ProUCL 5.2 1/13/2026 3:17:57 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-115 Benzene

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	5.3
Maximum	9.3
Mean	7.286
Geometric Mean	7.135
Median	7.3
Standard Deviation	1.589
Coefficient of Variation	0.218

Mann-Kendall Test

M-K Test Value (S)	-15
Tabulated p-value	0.015
Standard Deviation of S	6.658
Standardized Value of S	-2.103
Approximate p-value	0.0177

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

Mann-Kendall Trend Test Analysis

User Selected Options	
Date/Time of Computation	ProUCL 5.2 1/13/2026 3:18:56 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-115 MTBE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	18
Maximum	28
Mean	21.29
Geometric Mean	21.06
Median	22
Standard Deviation	3.498
Coefficient of Variation	0.164

Mann-Kendall Test

M-K Test Value (S)	-15
Tabulated p-value	0.015
Standard Deviation of S	6.298
Standardized Value of S	-2.223
Approximate p-value	0.0131

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

Mann-Kendall Trend Test Analysis

User Selected Options	
Date/Time of Computation	ProUCL 5.2 1/13/2026 3:18:33 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-115 MTBE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number of Reported Events Used	7
Number Values Reported (n)	7
Minimum	18
Maximum	28
Mean	21.29
Geometric Mean	21.06
Median	22
Standard Deviation	3.498
Coefficient of Variation	0.164

Mann-Kendall Test

M-K Test Value (S)	-15
Tabulated p-value	0.015
Standard Deviation of S	6.298
Standardized Value of S	-2.223
Approximate p-value	0.0131

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