

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/12/2026 12:42:24 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-43D 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	1.3
Maximum	5.1
Mean	2.957
Geometric Mean	2.627
Median	3.1
Standard Deviation	1.505
Coefficient of Variation	0.509

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 1/12/2026 12:41:26 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-43D 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	1.3
Maximum	5.1
Mean	2.957
Geometric Mean	2.627
Median	3.1
Standard Deviation	1.505
Coefficient of Variation	0.509

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 1/12/2026 12:43:13 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-43D 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	3.7
Maximum	6.3
Mean	5.114
Geometric Mean	5.048
Median	5.4
Standard Deviation	0.859
Coefficient of Variation	0.168

Mann-Kendall Test

M-K Test Value (S)	-17
Tabulated p-value	0.005
Standard Deviation of S	6.658
Standardized Value of S	-2.403
Approximate p-value	0.00813

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 12:42:46 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-43D 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	3.7
Maximum	6.3
Mean	5.114
Geometric Mean	5.048
Median	5.4
Standard Deviation	0.859
Coefficient of Variation	0.168

Mann-Kendall Test

M-K Test Value (S)	-17
Tabulated p-value	0.005
Standard Deviation of S	6.658
Standardized Value of S	-2.403
Approximate p-value	0.00813

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 12:44:07 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-43D 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	7.2
Mean	4.814
Geometric Mean	4.586
Median	4.6
Standard Deviation	1.589
Coefficient of Variation	0.33

Mann-Kendall Test

M-K Test Value (S)	-21
Tabulated p-value	0
Standard Deviation of S	6.658
Standardized Value of S	-3.004
Approximate p-value	0.00133

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 12:43:42 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-43D 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	7.2
Mean	4.814
Geometric Mean	4.586
Median	4.6
Standard Deviation	1.589
Coefficient of Variation	0.33

Mann-Kendall Test

M-K Test Value (S)	-21
Tabulated p-value	0
Standard Deviation of S	6.658
Standardized Value of S	-3.004
Approximate p-value	0.00133

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 1:07:53 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

Cole D 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	0.43
Maximum	0.9
Mean	0.581
Geometric Mean	0.565
Median	0.51
Standard Deviation	0.161
Coefficient of Variation	0.278

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 1:07:25 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

Cole D 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	0.43
Maximum	0.9
Mean	0.581
Geometric Mean	0.565
Median	0.51
Standard Deviation	0.161
Coefficient of Variation	0.278

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 1:08:35 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

Cole D 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	12
Maximum	26
Mean	17.43
Geometric Mean	16.94
Median	17
Standard Deviation	4.614
Coefficient of Variation	0.265

Mann-Kendall Test

M-K Test Value (S)	-9
Tabulated p-value	0.119
Standard Deviation of S	6.658
Standardized Value of S	-1.202
Approximate p-value	0.115

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 1:08:12 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

Cole D 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	12
Maximum	26
Mean	17.43
Geometric Mean	16.94
Median	17
Standard Deviation	4.614
Coefficient of Variation	0.265

Mann-Kendall Test

M-K Test Value (S)	-9
Tabulated p-value	0.119
Standard Deviation of S	6.658
Standardized Value of S	-1.202
Approximate p-value	0.115

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 1:09:27 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

Cole Steel (MW-12) 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	8.5
Maximum	16
Mean	13.21
Geometric Mean	12.9
Median	14
Standard Deviation	2.942
Coefficient of Variation	0.223

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 1:09:00 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

Cole Steel (MW-12) 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	8.5
Maximum	16
Mean	13.21
Geometric Mean	12.9
Median	14
Standard Deviation	2.942
Coefficient of Variation	0.223

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 1:10:35 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

Cole Steel (MW-12) 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	0.47
Maximum	0.9
Mean	0.724
Geometric Mean	0.706
Median	0.8
Standard Deviation	0.171
Coefficient of Variation	0.236

Mann-Kendall Test

M-K Test Value (S)	1
Tabulated p-value	0.5
Standard Deviation of S	6.658
Standardized Value of S	0
Approximate p-value	0.5

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 1:10:09 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

Cole Steel (MW-12) 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	0.47
Maximum	0.9
Mean	0.724
Geometric Mean	0.706
Median	0.8
Standard Deviation	0.171
Coefficient of Variation	0.236

Mann-Kendall Test

M-K Test Value (S)	1
Tabulated p-value	0.5
Standard Deviation of S	6.658
Standardized Value of S	0
Approximate p-value	0.5

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 1:11:52 PM

From File

FYNOP ProUCL Data Group B 12-30-25.xls

Full Precision

OFF

Confidence Coefficient

0.8

Level of Significance

0.2

Cole Steel (MW-12) 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 7.4

Maximum 18

Mean 13.6

Geometric Mean 12.95

Median 16

Standard Deviation 4.213

Coefficient of Variation 0.31

Mann-Kendall Test

M-K Test Value (S) 0

Tabulated p-value 0.5

Standard Deviation of S 6.583

Standardized Value of S N/A

Approximate p-value N/A

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 1:11:03 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

Cole Steel (MW-12) 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	7.4
Maximum	18
Mean	13.6
Geometric Mean	12.95
Median	16
Standard Deviation	4.213
Coefficient of Variation	0.31

Mann-Kendall Test

M-K Test Value (S)	0
Tabulated p-value	0.5
Standard Deviation of S	6.583
Standardized Value of S	N/A
Approximate p-value	N/A

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 1:12:52 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

GM-1D 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	0.69
Mean	0.354
Geometric Mean	0.331
Median	0.3
Standard Deviation	0.158
Coefficient of Variation	0.446

Mann-Kendall Test

M-K Test Value (S)	-5
Tabulated p-value	0.281
Standard Deviation of S	5.972
Standardized Value of S	-0.67
Approximate p-value	0.252

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 1:12:21 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

GM-1D 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	0.69
Mean	0.354
Geometric Mean	0.331
Median	0.3
Standard Deviation	0.158
Coefficient of Variation	0.446

Mann-Kendall Test

M-K Test Value (S)	-5
Tabulated p-value	0.281
Standard Deviation of S	5.972
Standardized Value of S	-0.67
Approximate p-value	0.252

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 1:13:42 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

GM-1D 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	0.41
Maximum	8.8
Mean	2.321
Geometric Mean	1.332
Median	1.3
Standard Deviation	2.981
Coefficient of Variation	1.284

Mann-Kendall Test

M-K Test Value (S)	-9
Tabulated p-value	0.119
Standard Deviation of S	6.658
Standardized Value of S	-1.202
Approximate p-value	0.115

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 1:13:16 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

GM-1D 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	0.41
Maximum	8.8
Mean	2.321
Geometric Mean	1.332
Median	1.3
Standard Deviation	2.981
Coefficient of Variation	1.284

Mann-Kendall Test

M-K Test Value (S)	-9
Tabulated p-value	0.119
Standard Deviation of S	6.658
Standardized Value of S	-1.202
Approximate p-value	0.115

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 1:15:09 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-110 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	0.4
Maximum	0.71
Mean	0.49
Geometric Mean	0.481
Median	0.45
Standard Deviation	0.109
Coefficient of Variation	0.223

Mann-Kendall Test

M-K Test Value (S)	-19
Tabulated p-value	0.001
Standard Deviation of S	6.658
Standardized Value of S	-2.703
Approximate p-value	0.00343

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 1:14:46 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-110 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	0.4
Maximum	0.71
Mean	0.49
Geometric Mean	0.481
Median	0.45
Standard Deviation	0.109
Coefficient of Variation	0.223

Mann-Kendall Test

M-K Test Value (S)	-19
Tabulated p-value	0.001
Standard Deviation of S	6.658
Standardized Value of S	-2.703
Approximate p-value	0.00343

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 1:15:55 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-110 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	14
Maximum	23
Mean	19
Geometric Mean	18.79
Median	19
Standard Deviation	3
Coefficient of Variation	0.158

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 1:15:32 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-110 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	14
Maximum	23
Mean	19
Geometric Mean	18.79
Median	19
Standard Deviation	3
Coefficient of Variation	0.158

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 1:17:24 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-150 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	22
Maximum	46
Mean	30.71
Geometric Mean	30.02
Median	30
Standard Deviation	7.521
Coefficient of Variation	0.245

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 1/12/2026 1:17:03 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-150 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	22
Maximum	46
Mean	30.71
Geometric Mean	30.02
Median	30
Standard Deviation	7.521
Coefficient of Variation	0.245

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 1/12/2026 1:18:23 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-150 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	35
Maximum	44
Mean	38.86
Geometric Mean	38.77
Median	39
Standard Deviation	2.911
Coefficient of Variation	0.0749

Mann-Kendall Test

M-K Test Value (S)	-11
Tabulated p-value	0.068
Standard Deviation of S	6.506
Standardized Value of S	-1.537
Approximate p-value	0.0622

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 1:17:49 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-150 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	35
Maximum	44
Mean	38.86
Geometric Mean	38.77
Median	39
Standard Deviation	2.911
Coefficient of Variation	0.0749

Mann-Kendall Test

M-K Test Value (S)	-11
Tabulated p-value	0.068
Standard Deviation of S	6.506
Standardized Value of S	-1.537
Approximate p-value	0.0622

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 1:19:27 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-150 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	0.35
Maximum	0.9
Mean	0.534
Geometric Mean	0.515
Median	0.5
Standard Deviation	0.172
Coefficient of Variation	0.322

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 1:18:53 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-150 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	0.35
Maximum	0.9
Mean	0.534
Geometric Mean	0.515
Median	0.5
Standard Deviation	0.172
Coefficient of Variation	0.322

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.