

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/8/2026 1:19:01 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-2 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number or Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.2
Maximum	3.4
Mean	1.004
Geometric Mean	0.697
Median	0.62
Standard Deviation	1.092
Coefficient of Variation	1.087

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 1/8/2026 1:18:44 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-2 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number or Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.2
Maximum	3.4
Mean	1.004
Geometric Mean	0.697
Median	0.62
Standard Deviation	1.092
Coefficient of Variation	1.087

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 1/8/2026 1:22:02 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-2 PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number or Reported Events Used	7
Number Values Reported (n)	7
Minimum	61
Maximum	110
Mean	80
Geometric Mean	77.71
Median	69
Standard Deviation	21.56
Coefficient of Variation	0.269

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 1/8/2026 1:21:40 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-2 PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number or Reported Events Used	7
Number Values Reported (n)	7
Minimum	61
Maximum	110
Mean	80
Geometric Mean	77.71
Median	69
Standard Deviation	21.56
Coefficient of Variation	0.269

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 1/8/2026 1:28:25 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-14 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number or Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.69
Mean	0.504
Geometric Mean	0.49
Median	0.51
Standard Deviation	0.124
Coefficient of Variation	0.247

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 1/8/2026 1:28:14 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-14 TCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number or Reported Events Used	7
Number Values Reported (n)	7
Minimum	0.3
Maximum	0.69
Mean	0.504
Geometric Mean	0.49
Median	0.51
Standard Deviation	0.124
Coefficient of Variation	0.247

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 1/8/2026 1:28:57 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-14 PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number or Reported Events Used	7
Number Values Reported (n)	7
Minimum	1.8
Maximum	7.6
Mean	3.971
Geometric Mean	3.537
Median	3.8
Standard Deviation	2.066
Coefficient of Variation	0.52

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 1/8/2026 1:28:45 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-14 PCE

General Statistics

Number of Events Reported (m)	7
Number of Missing Events	0
Number or Reported Events Used	7
Number Values Reported (n)	7
Minimum	1.8
Maximum	7.6
Mean	3.971
Geometric Mean	3.537
Median	3.8
Standard Deviation	2.066
Coefficient of Variation	0.52

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 1/9/2026 2:15:49 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-65S 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	17
Mean	7.771
Geometric Mean	4.671
Median	6.4
Standard Deviation	6.049
Coefficient of Variation	0.778

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 2:15:22 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-65S 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	17
Mean	7.771
Geometric Mean	4.671
Median	6.4
Standard Deviation	6.049
Coefficient of Variation	0.778

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 2:16:39 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-65S 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	1.7
Maximum	2.4
Mean	2.014
Geometric Mean	2.002
Median	2
Standard Deviation	0.241
Coefficient of Variation	0.12

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 1/9/2026 2:16:09 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-65S 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	1.7
Maximum	2.4
Mean	2.014
Geometric Mean	2.002
Median	2
Standard Deviation	0.241
Coefficient of Variation	0.12

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 1/9/2026 2:17:27 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-65S 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	0.24
Maximum	0.71
Mean	0.35
Geometric Mean	0.329
Median	0.3
Standard Deviation	0.16
Coefficient of Variation	0.458

Mann-Kendall Test

M-K Test Value (S)	-1
Tabulated p-value	0.5
Standard Deviation of S	5.26
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 1/9/2026 2:17:02 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-65S 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	0.24
Maximum	0.71
Mean	0.35
Geometric Mean	0.329
Median	0.3
Standard Deviation	0.16
Coefficient of Variation	0.458

Mann-Kendall Test

M-K Test Value (S)	-1
Tabulated p-value	0.5
Standard Deviation of S	5.26
Standardized Value of S	0
Approximate p-value	0.5

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