

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/8/2026 12:24:51 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-3 TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	1.7
Maximum	32
Mean	14.61
Geometric Mean	7.545
Median	4.2
Standard Deviation	14.01
Coefficient of Variation	0.959

Mann-Kendall Test

M-K Test Value (S)	-64
Tabulated p-value	0
Standard Deviation of S	16.33
Standardized Value of S	-3.858
Approximate p-value	5.72E-05

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 12:14:15 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-3 TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	1.7
Maximum	32
Mean	14.61
Geometric Mean	7.545
Median	4.2
Standard Deviation	14.01
Coefficient of Variation	0.959

Mann-Kendall Test

M-K Test Value (S)	-64
Tabulated p-value	0
Standard Deviation of S	16.33
Standardized Value of S	-3.858
Approximate p-value	5.72E-05

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 12:25:25 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-3 PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.3
Maximum	0.54
Mean	0.381
Geometric Mean	0.371
Median	0.33
Standard Deviation	0.0901
Coefficient of Variation	0.237

Mann-Kendall Test

M-K Test Value (S)	-42
Tabulated p-value	0.005
Standard Deviation of S	15.6
Standardized Value of S	-2.628
Approximate p-value	0.00429

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 12:25:08 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-3 PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.3
Maximum	0.54
Mean	0.381
Geometric Mean	0.371
Median	0.33
Standard Deviation	0.0901
Coefficient of Variation	0.237

Mann-Kendall Test

M-K Test Value (S)	-42
Tabulated p-value	0.005
Standard Deviation of S	15.6
Standardized Value of S	-2.628
Approximate p-value	0.00429

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 12:29:40 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-3 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.49
Maximum	0.82
Mean	0.654
Geometric Mean	0.645
Median	0.66
Standard Deviation	0.109
Coefficient of Variation	0.167

Mann-Kendall Test

M-K Test Value (S)	-42
Tabulated p-value	0.005
Standard Deviation of S	16.33
Standardized Value of S	-2.511
Approximate p-value	0.00602

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 12:29:24 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-3 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.49
Maximum	0.82
Mean	0.654
Geometric Mean	0.645
Median	0.66
Standard Deviation	0.109
Coefficient of Variation	0.167

Mann-Kendall Test

M-K Test Value (S)	-42
Tabulated p-value	0.005
Standard Deviation of S	16.33
Standardized Value of S	-2.511
Approximate p-value	0.00602

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 12:30:28 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-3 MTBE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.19
Maximum	0.59
Mean	0.299
Geometric Mean	0.267
Median	0.2
Standard Deviation	0.167
Coefficient of Variation	0.558

Mann-Kendall Test

M-K Test Value (S)	-20
Tabulated p-value	0.126
Standard Deviation of S	15.38
Standardized Value of S	-1.235
Approximate p-value	0.108

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 12:30:03 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-3 MTBE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.19
Maximum	0.59
Mean	0.299
Geometric Mean	0.267
Median	0.2
Standard Deviation	0.167
Coefficient of Variation	0.558

Mann-Kendall Test

M-K Test Value (S)	-20
Tabulated p-value	0.126
Standard Deviation of S	15.38
Standardized Value of S	-1.235
Approximate p-value	0.108

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 12:32:48 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-9 TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.3
Maximum	44
Mean	16.5
Geometric Mean	9.335
Median	10
Standard Deviation	14.8
Coefficient of Variation	0.897

Mann-Kendall Test

M-K Test Value (S)	-64
Tabulated p-value	0
Standard Deviation of S	16.39
Standardized Value of S	-3.844
Approximate p-value	6.06E-05

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 12:32:33 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-9 TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.3
Maximum	44
Mean	16.5
Geometric Mean	9.335
Median	10
Standard Deviation	14.8
Coefficient of Variation	0.897

Mann-Kendall Test

M-K Test Value (S)	-64
Tabulated p-value	0
Standard Deviation of S	16.39
Standardized Value of S	-3.844
Approximate p-value	6.06E-05

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 12:33:27 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-9 Cis-1,2 DCE

General Statistics

Number of Events Reported (m) 13

Number of Missing Events 0

Number of Reported Events Used 13

Number Values Reported (n) 13

Minimum 15

Maximum 36

Mean 25.46

Geometric Mean 24.22

Median 27

Standard Deviation 8.069

Coefficient of Variation 0.317

Mann-Kendall Test

M-K Test Value (S) -41

Tabulated p-value 0.007

Standard Deviation of S 16.3

Standardized Value of S -2.454

Approximate p-value 0.00706

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 12:33:05 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-9 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	15
Maximum	36
Mean	25.46
Geometric Mean	24.22
Median	27
Standard Deviation	8.069
Coefficient of Variation	0.317

Mann-Kendall Test

M-K Test Value (S)	-41
Tabulated p-value	0.007
Standard Deviation of S	16.3
Standardized Value of S	-2.454
Approximate p-value	0.00706

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 12:33:59 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-9 Vinyl Chloride

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.23
Maximum	5.6
Mean	1.984
Geometric Mean	1.202
Median	1.6
Standard Deviation	1.835
Coefficient of Variation	0.925

Mann-Kendall Test

M-K Test Value (S)	-26
Tabulated p-value	0.064
Standard Deviation of S	16.39
Standardized Value of S	-1.525
Approximate p-value	0.0636

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 12:33:40 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-9 Vinyl Chloride

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.23
Maximum	5.6
Mean	1.984
Geometric Mean	1.202
Median	1.6
Standard Deviation	1.835
Coefficient of Variation	0.925

Mann-Kendall Test

M-K Test Value (S)	-26
Tabulated p-value	0.064
Standard Deviation of S	16.39
Standardized Value of S	-1.525
Approximate p-value	0.0636

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 12:34:36 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-12 TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	55
Maximum	130
Mean	77.92
Geometric Mean	74.93
Median	67
Standard Deviation	24.24
Coefficient of Variation	0.311

Mann-Kendall Test

M-K Test Value (S)	-48
Tabulated p-value	0.001
Standard Deviation of S	16.39
Standardized Value of S	-2.867
Approximate p-value	0.00207

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 12:34:21 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-12 TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	55
Maximum	130
Mean	77.92
Geometric Mean	74.93
Median	67
Standard Deviation	24.24
Coefficient of Variation	0.311

Mann-Kendall Test

M-K Test Value (S)	-48
Tabulated p-value	0.001
Standard Deviation of S	16.39
Standardized Value of S	-2.867
Approximate p-value	0.00207

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 12:35:17 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-12 PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	2.7
Maximum	6.4
Mean	3.877
Geometric Mean	3.75
Median	3.6
Standard Deviation	1.098
Coefficient of Variation	0.283

Mann-Kendall Test

M-K Test Value (S)	-34
Tabulated p-value	0.021
Standard Deviation of S	16.33
Standardized Value of S	-2.021
Approximate p-value	0.0216

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 12:34:57 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-12 PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	2.7
Maximum	6.4
Mean	3.877
Geometric Mean	3.75
Median	3.6
Standard Deviation	1.098
Coefficient of Variation	0.283

Mann-Kendall Test

M-K Test Value (S)	-34
Tabulated p-value	0.021
Standard Deviation of S	16.33
Standardized Value of S	-2.021
Approximate p-value	0.0216

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 12:36:11 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-12 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	42
Maximum	75
Mean	58.08
Geometric Mean	57.14
Median	58
Standard Deviation	10.8
Coefficient of Variation	0.186

Mann-Kendall Test

M-K Test Value (S)	57
Tabulated p-value	0
Standard Deviation of S	16.36
Standardized Value of S	3.423
Approximate p-value	3.10E-04

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 1/8/2026 12:35:36 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-12 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	42
Maximum	75
Mean	58.08
Geometric Mean	57.14
Median	58
Standard Deviation	10.8
Coefficient of Variation	0.186

Mann-Kendall Test

M-K Test Value (S)	57
Tabulated p-value	0
Standard Deviation of S	16.36
Standardized Value of S	3.423
Approximate p-value	3.10E-04

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 1/8/2026 12:36:59 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-16S TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	5.6
Maximum	20
Mean	13.68
Geometric Mean	12.67
Median	15
Standard Deviation	4.889
Coefficient of Variation	0.357

Mann-Kendall Test

M-K Test Value (S)	6
Tabulated p-value	0.383
Standard Deviation of S	16.33
Standardized Value of S	0.306
Approximate p-value	0.38

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 12:36:40 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-16S TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	5.6
Maximum	20
Mean	13.68
Geometric Mean	12.67
Median	15
Standard Deviation	4.889
Coefficient of Variation	0.357

Mann-Kendall Test

M-K Test Value (S)	6
Tabulated p-value	0.383
Standard Deviation of S	16.33
Standardized Value of S	0.306
Approximate p-value	0.38

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 12:37:39 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-16S PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.3
Maximum	450
Mean	47.91
Geometric Mean	2.915
Median	1.1
Standard Deviation	124.9
Coefficient of Variation	2.607

Mann-Kendall Test

M-K Test Value (S)	-55
Tabulated p-value	0
Standard Deviation of S	16.36
Standardized Value of S	-3.301
Approximate p-value	4.82E-04

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 12:37:24 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-16S PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.3
Maximum	450
Mean	47.91
Geometric Mean	2.915
Median	1.1
Standard Deviation	124.9
Coefficient of Variation	2.607

Mann-Kendall Test

M-K Test Value (S)	-55
Tabulated p-value	0
Standard Deviation of S	16.36
Standardized Value of S	-3.301
Approximate p-value	4.82E-04

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 12:38:22 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-16S Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	4.1
Maximum	42
Mean	16.4
Geometric Mean	10.62
Median	6.3
Standard Deviation	16.01
Coefficient of Variation	0.976

Mann-Kendall Test

M-K Test Value (S)	-43
Tabulated p-value	0.005
Standard Deviation of S	16.36
Standardized Value of S	-2.567
Approximate p-value	0.00513

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 12:38:03 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-16S Cis-1,2 DCE

General Statistics

Number of Events Reported (m) 13

Number of Missing Events 0

Number of Reported Events Used 13

Number Values Reported (n) 13

Minimum 4.1

Maximum 42

Mean 16.4

Geometric Mean 10.62

Median 6.3

Standard Deviation 16.01

Coefficient of Variation 0.976

Mann-Kendall Test

M-K Test Value (S) -43

Tabulated p-value 0.005

Standard Deviation of S 16.36

Standardized Value of S -2.567

Approximate p-value 0.00513

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 12:50:37 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-18D TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.94
Maximum	42
Mean	6.988
Geometric Mean	3.94
Median	3.6
Standard Deviation	10.85
Coefficient of Variation	1.553

Mann-Kendall Test

M-K Test Value (S)	-70
Tabulated p-value	0
Standard Deviation of S	16.39
Standardized Value of S	-4.21
Approximate p-value	1.28E-05

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 12:50:22 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-18D TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.94
Maximum	42
Mean	6.988
Geometric Mean	3.94
Median	3.6
Standard Deviation	10.85
Coefficient of Variation	1.553

Mann-Kendall Test

M-K Test Value (S)	-70
Tabulated p-value	0
Standard Deviation of S	16.39
Standardized Value of S	-4.21
Approximate p-value	1.28E-05

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 12:51:22 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-18D PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.15
Maximum	0.74
Mean	0.34
Geometric Mean	0.308
Median	0.3
Standard Deviation	0.162
Coefficient of Variation	0.477

Mann-Kendall Test

M-K Test Value (S)	2
Tabulated p-value	0.476
Standard Deviation of S	15.73
Standardized Value of S	0.0636
Approximate p-value	0.475

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 12:51:05 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-18D PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.15
Maximum	0.74
Mean	0.34
Geometric Mean	0.308
Median	0.3
Standard Deviation	0.162
Coefficient of Variation	0.477

Mann-Kendall Test

M-K Test Value (S)	2
Tabulated p-value	0.476
Standard Deviation of S	15.73
Standardized Value of S	0.0636
Approximate p-value	0.475

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 12:52:21 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-18D Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	7.3
Maximum	66
Mean	19.41
Geometric Mean	16.43
Median	14
Standard Deviation	15
Coefficient of Variation	0.773

Mann-Kendall Test

M-K Test Value (S)	-40
Tabulated p-value	0.007
Standard Deviation of S	16.25
Standardized Value of S	-2.4
Approximate p-value	0.00819

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 12:51:54 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-18D Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	7.3
Maximum	66
Mean	19.41
Geometric Mean	16.43
Median	14
Standard Deviation	15
Coefficient of Variation	0.773

Mann-Kendall Test

M-K Test Value (S)	-40
Tabulated p-value	0.007
Standard Deviation of S	16.25
Standardized Value of S	-2.4
Approximate p-value	0.00819

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 12:53:10 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-18D Vinyl Chloride

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.2
Maximum	1.6
Mean	0.6
Geometric Mean	0.509
Median	0.53
Standard Deviation	0.384
Coefficient of Variation	0.64

Mann-Kendall Test

M-K Test Value (S)	-44
Tabulated p-value	0.003
Standard Deviation of S	16.17
Standardized Value of S	-2.66
Approximate p-value	0.00391

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 12:52:55 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-18D Vinyl Chloride

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.2
Maximum	1.6
Mean	0.6
Geometric Mean	0.509
Median	0.53
Standard Deviation	0.384
Coefficient of Variation	0.64

Mann-Kendall Test

M-K Test Value (S)	-44
Tabulated p-value	0.003
Standard Deviation of S	16.17
Standardized Value of S	-2.66
Approximate p-value	0.00391

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 12:48:22 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-18S TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	1.2
Maximum	45
Mean	6.792
Geometric Mean	3.456
Median	2.7
Standard Deviation	11.82
Coefficient of Variation	1.74

Mann-Kendall Test

M-K Test Value (S)	-54
Tabulated p-value	0
Standard Deviation of S	16.33
Standardized Value of S	-3.246
Approximate p-value	5.86E-04

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 12:47:50 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-18S TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	1.2
Maximum	45
Mean	6.792
Geometric Mean	3.456
Median	2.7
Standard Deviation	11.82
Coefficient of Variation	1.74

Mann-Kendall Test

M-K Test Value (S)	-54
Tabulated p-value	0
Standard Deviation of S	16.33
Standardized Value of S	-3.246
Approximate p-value	5.86E-04

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 12:49:13 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-18S Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	3.7
Maximum	71
Mean	17.47
Geometric Mean	13.29
Median	14
Standard Deviation	17.19
Coefficient of Variation	0.984

Mann-Kendall Test

M-K Test Value (S)	-23
Tabulated p-value	0.102
Standard Deviation of S	16.36
Standardized Value of S	-1.345
Approximate p-value	0.0894

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 12:48:48 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-18S Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	3.7
Maximum	71
Mean	17.47
Geometric Mean	13.29
Median	14
Standard Deviation	17.19
Coefficient of Variation	0.984

Mann-Kendall Test

M-K Test Value (S)	-23
Tabulated p-value	0.102
Standard Deviation of S	16.36
Standardized Value of S	-1.345
Approximate p-value	0.0894

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 12:49:54 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-18S Vinyl Chloride

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.2
Maximum	1.7
Mean	0.553
Geometric Mean	0.443
Median	0.32
Standard Deviation	0.431
Coefficient of Variation	0.779

Mann-Kendall Test

M-K Test Value (S)	-35
Tabulated p-value	0.021
Standard Deviation of S	16.01
Standardized Value of S	-2.124
Approximate p-value	0.0169

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 12:49:39 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-18S Vinyl Chloride

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.2
Maximum	1.7
Mean	0.553
Geometric Mean	0.443
Median	0.32
Standard Deviation	0.431
Coefficient of Variation	0.779

Mann-Kendall Test

M-K Test Value (S)	-35
Tabulated p-value	0.021
Standard Deviation of S	16.01
Standardized Value of S	-2.124
Approximate p-value	0.0169

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 12:53:51 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-20S TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	7.1
Maximum	130
Mean	48.45
Geometric Mean	30.73
Median	32
Standard Deviation	42.83
Coefficient of Variation	0.884

Mann-Kendall Test

M-K Test Value (S)	-53
Tabulated p-value	0
Standard Deviation of S	16.36
Standardized Value of S	-3.178
Approximate p-value	7.41E-04

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 12:53:34 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-20S TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	7.1
Maximum	130
Mean	48.45
Geometric Mean	30.73
Median	32
Standard Deviation	42.83
Coefficient of Variation	0.884

Mann-Kendall Test

M-K Test Value (S)	-53
Tabulated p-value	0
Standard Deviation of S	16.36
Standardized Value of S	-3.178
Approximate p-value	7.41E-04

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 12:54:50 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-20S PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	1.4
Maximum	17
Mean	4.954
Geometric Mean	3.471
Median	2.7
Standard Deviation	5.267
Coefficient of Variation	1.063

Mann-Kendall Test

M-K Test Value (S)	-28
Tabulated p-value	0.05
Standard Deviation of S	16.39
Standardized Value of S	-1.647
Approximate p-value	0.0498

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 12:54:29 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-20S PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	1.4
Maximum	17
Mean	4.954
Geometric Mean	3.471
Median	2.7
Standard Deviation	5.267
Coefficient of Variation	1.063

Mann-Kendall Test

M-K Test Value (S)	-28
Tabulated p-value	0.05
Standard Deviation of S	16.39
Standardized Value of S	-1.647
Approximate p-value	0.0498

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 12:58:55 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-20M Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.24
Maximum	1.4
Mean	0.448
Geometric Mean	0.377
Median	0.3
Standard Deviation	0.338
Coefficient of Variation	0.754

Mann-Kendall Test

M-K Test Value (S)	15
Tabulated p-value	0.218
Standard Deviation of S	16.01
Standardized Value of S	0.874
Approximate p-value	0.191

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 12:55:21 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-20S Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.3
Maximum	2.2
Mean	0.914
Geometric Mean	0.761
Median	0.95
Standard Deviation	0.558
Coefficient of Variation	0.61

Mann-Kendall Test

M-K Test Value (S)	-53
Tabulated p-value	0
Standard Deviation of S	16.22
Standardized Value of S	-3.206
Approximate p-value	6.72E-04

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 12:56:28 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-20M TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.85
Maximum	32
Mean	15.69
Geometric Mean	11.05
Median	18
Standard Deviation	9.099
Coefficient of Variation	0.58

Mann-Kendall Test

M-K Test Value (S)	-4
Tabulated p-value	0.429
Standard Deviation of S	16.33
Standardized Value of S	-0.184
Approximate p-value	0.427

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 12:56:17 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-20M TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.85
Maximum	32
Mean	15.69
Geometric Mean	11.05
Median	18
Standard Deviation	9.099
Coefficient of Variation	0.58

Mann-Kendall Test

M-K Test Value (S)	-4
Tabulated p-value	0.429
Standard Deviation of S	16.33
Standardized Value of S	-0.184
Approximate p-value	0.427

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 12:58:11 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-20M PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.15
Maximum	0.93
Mean	0.491
Geometric Mean	0.43
Median	0.49
Standard Deviation	0.236
Coefficient of Variation	0.481

Mann-Kendall Test

M-K Test Value (S)	20
Tabulated p-value	0.126
Standard Deviation of S	16.33
Standardized Value of S	1.164
Approximate p-value	0.122

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 1/8/2026 12:56:58 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-20M PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.15
Maximum	0.93
Mean	0.491
Geometric Mean	0.43
Median	0.49
Standard Deviation	0.236
Coefficient of Variation	0.481

Mann-Kendall Test

M-K Test Value (S)	20
Tabulated p-value	0.126
Standard Deviation of S	16.33
Standardized Value of S	1.164
Approximate p-value	0.122

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 12:58:55 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-20M Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.24
Maximum	1.4
Mean	0.448
Geometric Mean	0.377
Median	0.3
Standard Deviation	0.338
Coefficient of Variation	0.754

Mann-Kendall Test

M-K Test Value (S)	15
Tabulated p-value	0.218
Standard Deviation of S	16.01
Standardized Value of S	0.874
Approximate p-value	0.191

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 12:58:38 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-20M Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.24
Maximum	1.4
Mean	0.448
Geometric Mean	0.377
Median	0.3
Standard Deviation	0.338
Coefficient of Variation	0.754

Mann-Kendall Test

M-K Test Value (S)	15
Tabulated p-value	0.218
Standard Deviation of S	16.01
Standardized Value of S	0.874
Approximate p-value	0.191

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 2:13:45 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-143S TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.3
Maximum	3
Mean	1.032
Geometric Mean	0.75
Median	0.69
Standard Deviation	0.865
Coefficient of Variation	0.838

Mann-Kendall Test

M-K Test Value (S)	-69
Tabulated p-value	0
Standard Deviation of S	16.09
Standardized Value of S	-4.225
Approximate p-value	1.19E-05

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 2:13:25 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-143S TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.3
Maximum	3
Mean	1.032
Geometric Mean	0.75
Median	0.69
Standard Deviation	0.865
Coefficient of Variation	0.838

Mann-Kendall Test

M-K Test Value (S)	-69
Tabulated p-value	0
Standard Deviation of S	16.09
Standardized Value of S	-4.225
Approximate p-value	1.19E-05

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 2:14:40 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-143S PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.15
Maximum	1.1
Mean	0.701
Geometric Mean	0.639
Median	0.76
Standard Deviation	0.259
Coefficient of Variation	0.37

Mann-Kendall Test

M-K Test Value (S)	-10
Tabulated p-value	0.295
Standard Deviation of S	16.33
Standardized Value of S	-0.551
Approximate p-value	0.291

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 2:14:12 PM
From File	FYNOP ProUCL Data Group B 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

MW-143S PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.15
Maximum	1.1
Mean	0.701
Geometric Mean	0.639
Median	0.76
Standard Deviation	0.259
Coefficient of Variation	0.37

Mann-Kendall Test

M-K Test Value (S)	-10
Tabulated p-value	0.295
Standard Deviation of S	16.33
Standardized Value of S	-0.551
Approximate p-value	0.291

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 2:11:56 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-143D Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.25
Maximum	3.7
Mean	1.668
Geometric Mean	1.198
Median	1.5
Standard Deviation	1.21
Coefficient of Variation	0.726

Mann-Kendall Test

M-K Test Value (S)	74
Tabulated p-value	0
Standard Deviation of S	16.39
Standardized Value of S	4.454
Approximate p-value	4.22E-06

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 1/9/2026 2:11:26 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-143D Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.25
Maximum	3.7
Mean	1.668
Geometric Mean	1.198
Median	1.5
Standard Deviation	1.21
Coefficient of Variation	0.726

Mann-Kendall Test

M-K Test Value (S)	74
Tabulated p-value	0
Standard Deviation of S	16.39
Standardized Value of S	4.454
Approximate p-value	4.22E-06

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 1/8/2026 1:08:05 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

CW-1A TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	8.2
Maximum	56
Mean	30.27
Geometric Mean	26.63
Median	28
Standard Deviation	14.19
Coefficient of Variation	0.469

Mann-Kendall Test

M-K Test Value (S)	-27
Tabulated p-value	0.064
Standard Deviation of S	16.36
Standardized Value of S	-1.589
Approximate p-value	0.056

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 1:07:27 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

CW-1A TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	8.2
Maximum	56
Mean	30.27
Geometric Mean	26.63
Median	28
Standard Deviation	14.19
Coefficient of Variation	0.469

Mann-Kendall Test

M-K Test Value (S)	-27
Tabulated p-value	0.064
Standard Deviation of S	16.36
Standardized Value of S	-1.589
Approximate p-value	0.056

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 1:08:49 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

CW-1A PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.65
Maximum	2.8
Mean	1.707
Geometric Mean	1.608
Median	1.8
Standard Deviation	0.554
Coefficient of Variation	0.325

Mann-Kendall Test

M-K Test Value (S)	-18
Tabulated p-value	0.153
Standard Deviation of S	16.17
Standardized Value of S	-1.052
Approximate p-value	0.146

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 1:08:34 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

CW-1A PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.65
Maximum	2.8
Mean	1.707
Geometric Mean	1.608
Median	1.8
Standard Deviation	0.554
Coefficient of Variation	0.325

Mann-Kendall Test

M-K Test Value (S)	-18
Tabulated p-value	0.153
Standard Deviation of S	16.17
Standardized Value of S	-1.052
Approximate p-value	0.146

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 1:09:34 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

CW-1A Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.24
Maximum	1.4
Mean	0.494
Geometric Mean	0.425
Median	0.31
Standard Deviation	0.328
Coefficient of Variation	0.664

Mann-Kendall Test

M-K Test Value (S)	-22
Tabulated p-value	0.102
Standard Deviation of S	15.81
Standardized Value of S	-1.328
Approximate p-value	0.0921

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 1:09:21 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

CW-1A Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.24
Maximum	1.4
Mean	0.494
Geometric Mean	0.425
Median	0.31
Standard Deviation	0.328
Coefficient of Variation	0.664

Mann-Kendall Test

M-K Test Value (S)	-22
Tabulated p-value	0.102
Standard Deviation of S	15.81
Standardized Value of S	-1.328
Approximate p-value	0.0921

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 1:11:07 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

CW-2 TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.62
Maximum	15
Mean	7.686
Geometric Mean	6.274
Median	6.8
Standard Deviation	4.076
Coefficient of Variation	0.53

Mann-Kendall Test

M-K Test Value (S)	-24
Tabulated p-value	0.082
Standard Deviation of S	16.39
Standardized Value of S	-1.403
Approximate p-value	0.0803

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 1:10:37 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

CW-2 TCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.62
Maximum	15
Mean	7.686
Geometric Mean	6.274
Median	6.8
Standard Deviation	4.076
Coefficient of Variation	0.53

Mann-Kendall Test

M-K Test Value (S)	-24
Tabulated p-value	0.082
Standard Deviation of S	16.39
Standardized Value of S	-1.403
Approximate p-value	0.0803

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 1:14:53 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

CW-2 PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.52
Maximum	3.2
Mean	1.398
Geometric Mean	1.189
Median	1
Standard Deviation	0.889
Coefficient of Variation	0.636

Mann-Kendall Test

M-K Test Value (S)	-41
Tabulated p-value	0.007
Standard Deviation of S	16.36
Standardized Value of S	-2.445
Approximate p-value	0.00724

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 1:14:38 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

CW-2 PCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.52
Maximum	3.2
Mean	1.398
Geometric Mean	1.189
Median	1
Standard Deviation	0.889
Coefficient of Variation	0.636

Mann-Kendall Test

M-K Test Value (S)	-41
Tabulated p-value	0.007
Standard Deviation of S	16.36
Standardized Value of S	-2.445
Approximate p-value	0.00724

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 1:17:31 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

CW-2 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number or Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.3
Maximum	6.1
Mean	2.225
Geometric Mean	1.44
Median	1.1
Standard Deviation	2
Coefficient of Variation	0.899

Mann-Kendall Test

M-K Test Value (S)	-7
Tabulated p-value	0.383
Standard Deviation of S	16.36
Standardized Value of S	-0.367
Approximate p-value	0.357

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 1:17:06 PM
From File	FYNOP ProUCL Data Group A 12-30-25.xls
Full Precision	OFF
Confidence Coefficient	0.9
Level of Significance	0.1

CW-2 Cis-1,2 DCE

General Statistics

Number of Events Reported (m)	13
Number of Missing Events	0
Number of Reported Events Used	13
Number Values Reported (n)	13
Minimum	0.3
Maximum	6.1
Mean	2.225
Geometric Mean	1.44
Median	1.1
Standard Deviation	2
Coefficient of Variation	0.899

Mann-Kendall Test

M-K Test Value (S)	-7
Tabulated p-value	0.383
Standard Deviation of S	16.36
Standardized Value of S	-0.367
Approximate p-value	0.357

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