ASHFORD

Mann-Kendall Trend Test by Normal Approximation

Ho: N.0o trend in MW-1

The calculated Z = -2.1354

For Ha: Upperward trend, the p-value = 0.983637
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0163631
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -0.1661

For Ha: Upperward trend, the p-value = 0.565976
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.434024
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = 1.3218

For Ha: Upperward trend, the p-value = 0.0931133
At alpha = 0.1, there is enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.906887
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = -0.4170

For Ha: Upperward trend, the p-value = 0.661644
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.338356
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

BRANDFORD-1

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -1.0286

For Ha: Upperward trend, the p-value = 0.848163
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.151837
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = 0.8660

For Ha: Upperward trend, the p-value = 0.193238
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.806762
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -0.5491

For Ha: Upperward trend, the p-value = 0.708525
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.291475
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = -2.2573

For Ha: Upperward trend, the p-value = 0.988006
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0119938
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

BRANFORD-2

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -2.4000

For Ha: Upperward trend, the p-value = 0.991803
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0081967
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -2.1257

For Ha: Upperward trend, the p-value = 0.983238
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0167621
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -2.2037

For Ha: Upperward trend, the p-value = 0.986226
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0137736
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = -2.0241

For Ha: Upperward trend, the p-value = 0.978520
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0214801
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-5

The calculated Z = -1.2456

For Ha: Upperward trend, the p-value = 0.893544
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.106456
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

BRANFORD-3

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -2.2573

For Ha: Upperward trend, the p-value = 0.988006
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0119938
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -3.1115

For Ha: Upperward trend, the p-value = 0.999069
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0009308
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -0.3050

For Ha: Upperward trend, the p-value = 0.619834
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.380166
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = -3.7215

For Ha: Upperward trend, the p-value = 0.999901
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0000990
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

COLCHESTER

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -1.1809

For Ha: Upperward trend, the p-value = 0.881187
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.118813
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -2.4411

For Ha: Upperward trend, the p-value = 0.992678
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0073223
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -3.5350

For Ha: Upperward trend, the p-value = 0.999796
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0002039
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = -3.7167

For Ha: Upperward trend, the p-value = 0.999899
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0001009
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

DANBURY

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = 0.0610

For Ha: Upperward trend, the p-value = 0.475676
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.524324
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -2.0241

For Ha: Upperward trend, the p-value = 0.978520
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0214801
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

DARIEN

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -1.7342

For Ha: Upperward trend, the p-value = 0.958557
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0414435
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -2.8703

For Ha: Upperward trend, the p-value = 0.997949
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0020507
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -1.1514

For Ha: Upperward trend, the p-value = 0.875210
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.124790
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = 1.9096

For Ha: Upperward trend, the p-value = 0.0280904
At alpha = 0.1, there is enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.971910
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

EAST HAVEN

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -3.2697

For Ha: Upperward trend, the p-value = 0.999462
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0005383
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = 2.4912

For Ha: Upperward trend, the p-value = 0.0063657
At alpha = 0.1, there is enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.993634
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = 0.3961

For Ha: Upperward trend, the p-value = 0.346012
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.653988
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = 1.1674

For Ha: Upperward trend, the p-value = 0.121517
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.878483
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

ESSEX

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -3.3836

For Ha: Upperward trend, the p-value = 0.999642
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0003578
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -3.1672

For Ha: Upperward trend, the p-value = 0.999230
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0007696
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -3.8373

For Ha: Upperward trend, the p-value = 0.999938
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0000622
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

FAIRFIELD

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -0.8914

For Ha: Upperward trend, the p-value = 0.813654
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.186346
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -1.0899

For Ha: Upperward trend, the p-value = 0.862121
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.137879
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -2.0241

For Ha: Upperward trend, the p-value = 0.978520
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0214801
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = 0.0000

For Ha: Upperward trend, the p-value = 0.5
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.5
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

FARMINGTON-1

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = 0.6711

For Ha: Upperward trend, the p-value = 0.251079
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.748921
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -0.1557

For Ha: Upperward trend, the p-value = 0.561865
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.438135
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

FARMINGTON-2

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -2.6743

For Ha: Upperward trend, the p-value = 0.996256
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0037439
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -3.1140

For Ha: Upperward trend, the p-value = 0.999077
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0009229
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -0.9342

For Ha: Upperward trend, the p-value = 0.824899
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.175101
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = -0.5151

For Ha: Upperward trend, the p-value = 0.696768
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.303232
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-5

The calculated Z = -3.7368

For Ha: Upperward trend, the p-value = 0.999907
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0000932
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-6

The calculated Z = -3.3601

For Ha: Upperward trend, the p-value = 0.999610
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0003896
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-7

The calculated Z = -2.7330

For Ha: Upperward trend, the p-value = 0.996862
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0031376
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

GROTON-1

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -2.2993

For Ha: Upperward trend, the p-value = 0.989256
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0107444
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -1.5570

For Ha: Upperward trend, the p-value = 0.940265
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0597355
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -1.7918

For Ha: Upperward trend, the p-value = 0.963418
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0365820
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = -2.4772

For Ha: Upperward trend, the p-value = 0.993379
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0066215
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-5

The calculated Z = -1.2812

For Ha: Upperward trend, the p-value = 0.899936
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.100064
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

GROTON-2

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -1.5252

For Ha: Upperward trend, the p-value = 0.936398
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0636018
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -2.9339

For Ha: Upperward trend, the p-value = 0.998326
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0016737
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

GUILFORD

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -0.7785

For Ha: Upperward trend, the p-value = 0.781863
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.218137
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -2.4912

For Ha: Upperward trend, the p-value = 0.993634
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0063657
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -2.2645

For Ha: Upperward trend, the p-value = 0.988229
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0117711
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

HAMDEN

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -2.8792

For Ha: Upperward trend, the p-value = 0.998007
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0019932
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -3.0714

For Ha: Upperward trend, the p-value = 0.998935
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0010652
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

LISBON

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -3.0968

For Ha: Upperward trend, the p-value = 0.999022
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0009781
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -2.2394

For Ha: Upperward trend, the p-value = 0.987435
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0125649
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

NEW FAIRFIELD

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -2.9583

For Ha: Upperward trend, the p-value = 0.998453
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0015467
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -2.9583

For Ha: Upperward trend, the p-value = 0.998453
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0015467
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -3.2697

For Ha: Upperward trend, the p-value = 0.999462
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0005383
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

NEW HAVEN

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -1.8684

For Ha: Upperward trend, the p-value = 0.969147
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0308533
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -2.3793

For Ha: Upperward trend, the p-value = 0.991328
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0086717
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -1.6472

For Ha: Upperward trend, the p-value = 0.950246
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0497544
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = -0.7931

For Ha: Upperward trend, the p-value = 0.786145
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.213855
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

ROCKY HILL

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = 1.6423

For Ha: Upperward trend, the p-value = 0.0502591
At alpha = 0.1, there is enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.949741
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = 3.9086

For Ha: Upperward trend, the p-value = 0.0000464
At alpha = 0.1, there is enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.999954
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = 1.4032

For Ha: Upperward trend, the p-value = 0.0802779
At alpha = 0.1, there is enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.919722
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

WESTPORT

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -1.5329

For Ha: Upperward trend, the p-value = 0.937344
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0626556
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -1.9189

For Ha: Upperward trend, the p-value = 0.972505
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0274954
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -0.9854

For Ha: Upperward trend, the p-value = 0.837788
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.162212
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-4

The calculated Z = -2.6278

For Ha: Upperward trend, the p-value = 0.995702
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0042975
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-5

The calculated Z = -2.3793

For Ha: Upperward trend, the p-value = 0.991328
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0086717
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-6

The calculated Z = -0.9854

For Ha: Upperward trend, the p-value = 0.837788
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.162212
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-7

The calculated Z = -3.2335

For Ha: Upperward trend, the p-value = 0.999389
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0006115
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-8

The calculated Z = -3.1752

For Ha: Upperward trend, the p-value = 0.999251
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0007487
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-9

The calculated Z = -1.5329

For Ha: Upperward trend, the p-value = 0.937344
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0626556
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.

WILLINGTON

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-1

The calculated Z = -1.1946

For Ha: Upperward trend, the p-value = 0.883876
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.116124
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-2

The calculated Z = -0.8217

For Ha: Upperward trend, the p-value = 0.794384
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.205616
At alpha = 0.1, there is not enough evidence to determine that there is a downward trend.

Mann-Kendall Trend Test by Normal Approximation

Ho: No trend in MW-3

The calculated Z = -2.6723

For Ha: Upperward trend, the p-value = 0.996233
At alpha = 0.1, there is not enough evidence to determine that there is an upward trend.

For Ha: Downward trend, the p-value = 0.0037666
At alpha = 0.1, there is enough evidence to determine that there is a downward trend.