```
>> Untitled4
Action_COP.csv
---------------------------------------------------------
***Row Num = 1
Min = 0.896480
Max = 0.963380
Mean = 0.924427
std = 0.019168
RMS = 0.924621
---------------------------------------------------------
***Row Num = 2
Min = -0.496580
Max = -0.216800
Mean = -0.359908
std = 0.046004
RMS = 0.362770
---------------------------------------------------------
***Row Num = 3
Min = -0.001465
Max = 0.148440
Mean = 0.091897
std = 0.034420
RMS = 0.097994
---------------------------------------------------------
***Row Num = 4
Min = -0.809080
Max = 1.446300
Mean = 0.192939
std = 0.728471
RMS = 0.745543
---------------------------------------------------------
***Row Num = 5
Min = 0.114750
Max = 0.900880
Mean = 0.513161
std = 0.250161
RMS = 0.569642
---------------------------------------------------------
***Row Num = 6
Min = -0.401860
Max = 1.335900
Mean = 0.263916
std = 0.340308
RMS = 0.427585
---------------------------------------------------------
***Row Num = 7
Min = -7.000000
Max = 7.000000
Mean = -0.681818
std = 2.923623
```

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RMS = 2.969542
--------------------------------------------------------
***Row Num = 8
Min = -16.000000
Max = 6.000000
Mean = -0.636364
std = 3.058278
RMS = 3.089572
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***Row Num = 9
Min = -3.000000
Max = 2.000000
Mean = -0.840909
std = 1.033017
RMS = 1.322876
--------------------------------------------------------
***Row Num = 10
Min = -4.000000
Max = 2.000000
Mean = -0.931818
std = 1.336391
RMS = 1.616674
--------------------------------------------------------
***Row Num = 11
Min = -4.000000
Max = 11.000000
Mean = -0.772727
std = 2.311384
RMS = 2.412091
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***Row Num = 12
Min = -8.000000
Max = 25.000000
Mean = 0.568182
std = 5.204639
RMS = 5.176433
--------------------------------------------------------
***Row Num = 13
Min = -15.000000
Max = 54.000000
Mean = 2.431818
std = 12.516775
RMS = 12.610421
--------------------------------------------------------
***Row Num = 14
Min = -10.000000
Max = 21.000000
Mean = 0.363636
std = 4.346027
RMS = 4.311718
```

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--------------------------------------------------------
***Row Num = 15
Min = -74.000000
Max = 72.000000
Mean = 2.500000
std = 32.900484
RMS = 32.620406
--------------------------------------------------------
***Row Num = 16
Min = -48.000000
Max = 23.000000
Mean = -0.500000
std = 14.385878
RMS = 14.230249
--------------------------------------------------------
***Row Num = 17
Min = -34.000000
Max = 14.000000
Mean = -2.272727
std = 9.389167
RMS = 9.556055
--------------------------------------------------------
***Row Num = 18
Min = -107.000000
Max = 34.000000
Mean = -5.727273
std = 21.816746
RMS = 22.314895
--------------------------------------------------------
***Row Num = 19
Min = -86.000000
Max = 119.000000
Mean = 2.363636
std = 35.699059
RMS = 35.370121
--------------------------------------------------------
***Row Num = 20
Min = -52.000000
Max = 42.000000
Mean = -3.818182
std = 13.173745
RMS = 13.571360
--------------------------------------------------------
***Row Num = 21
Min = -36.000000
Max = 28.000000
Mean = -2.409091
std = 11.552344
RMS = 11.671644
--------------------------------------------------------
```

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***Row Num = 22
Min = -30.000000
Max = 69.000000
Mean = 0.954545
std = 18.072148
RMS = 17.891085
--------------------------------------------------------
***Row Num = 23
Min = -34.063000
Max = 46.000000
Mean = 2.494341
std = 14.712944
RMS = 14.757123
--------------------------------------------------------
***Row Num = 24
Min = -34.063000
Max = 46.000000
Mean = 2.494341
std = 14.712944
RMS = 14.757123
--------------------------------------------------------
***Row Num = 25
Min = -34.063000
Max = 46.000000
Mean = 2.494341
std = 14.712944
RMS = 14.757123
--------------------------------------------------------
***Row Num = 26
Min = -77.563000
Max = 33.750000
Mean = -13.041307
std = 26.962977
RMS = 29.674147
--------------------------------------------------------
***Row Num = 27
Min = -77.563000
Max = 33.750000
Mean = -13.041307
std = 26.962977
RMS = 29.674147
--------------------------------------------------------
***Row Num = 28
Min = -77.563000
Max = 33.750000
Mean = -13.041307
std = 26.962977
RMS = 29.674147
--------------------------------------------------------
***Row Num = 29
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```
Min = 2.718000
Max = 2.982400
Mean = 2.881609
std = 0.074108
RMS = 2.882540
--------------------------------------------------------
***Row Num = 30
Min = 3.052200
Max = 3.174300
Mean = 3.120818
std = 0.050108
RMS = 3.121211
--------------------------------------------------------
***Row Num = 31
Min = 7.679600
Max = 8.227600
Mean = 7.837970
std = 0.159958
RMS = 7.839565
--------------------------------------------------------
***Row Num = 32
Min = 6.354400
Max = 7.388600
Mean = 6.850570
std = 0.236421
RMS = 6.854556
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***Row Num = 33
Min = 2.851500
Max = 5.993300
Mean = 4.440718
std = 1.477344
RMS = 4.674711
--------------------------------------------------------
***Row Num = 34
Min = 0.143240
Max = 9.878500
Mean = 4.747532
std = 3.989912
RMS = 6.172249
--------------------------------------------------------
***Row Num = 35
Min = 0.893070
Max = 0.979000
Mean = 0.929955
std = 0.015865
RMS = 0.930087
--------------------------------------------------------
***Row Num = 36
Min = -0.484860
```

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Max = -0.290040
Mean = -0.356601
std = 0.040372
RMS = 0.358828
--------------------------------------------------------
***Row Num = 37
Min = 0.001465
Max = 0.119630
Mean = 0.075573
std = 0.020741
RMS = 0.078305
--------------------------------------------------------
***Row Num = 38
Min = -0.917480
Max = 1.599100
Mean = 0.069080
std = 0.740996
RMS = 0.735777
--------------------------------------------------------
***Row Num = 39
Min = 0.225590
Max = 0.980960
Mean = 0.624224
std = 0.223443
RMS = 0.662154
--------------------------------------------------------
***Row Num = 40
Min = -0.345210
Max = 1.076200
Mean = 0.241756
std = 0.287178
RMS = 0.372884
--------------------------------------------------------
***Row Num = 41
Min = -4.000000
Max = 5.000000
Mean = -1.068182
std = 1.809506
RMS = 2.083485
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***Row Num = 42
Min = -5.000000
Max = 3.000000
Mean = -1.000000
std = 1.414214
RMS = 1.718879
--------------------------------------------------------
***Row Num = 43
Min = -3.000000
Max = 2.000000
```

```
Mean = -0.909091
std = 1.326267
RMS = 1.595448
--------------------------------------------------------
***Row Num = 44
Min = -3.000000
Max = 1.000000
Mean = -0.931818
std = 1.169331
RMS = 1.484771
--------------------------------------------------------
***Row Num = 45
Min = -3.000000
Max = 1.000000
Mean = -0.909091
std = 1.074399
RMS = 1.398051
--------------------------------------------------------
***Row Num = 46
Min = -5.000000
Max = 1.000000
Mean = -0.954545
std = 1.328656
RMS = 1.623688
--------------------------------------------------------
***Row Num = 47
Min = -6.000000
Max = 4.000000
Mean = -0.977273
std = 2.225525
RMS = 2.407375
--------------------------------------------------------
***Row Num = 48
Min = -6.000000
Max = 2.000000
Mean = -1.181818
std = 1.846086
RMS = 2.174229
--------------------------------------------------------
***Row Num = 49
Min = -45.000000
Max = 58.000000
Mean = 3.136364
std = 22.426719
RMS = 22.391151
--------------------------------------------------------
***Row Num = 50
Min = -14.000000
Max = 26.000000
Mean = 2.886364
```

```
std = 9.301703
RMS = 9.637757
--------------------------------------------------------
***Row Num = 51
Min = -27.000000
Max = 30.000000
Mean = 1.068182
std = 9.509842
RMS = 9.461645
--------------------------------------------------------
***Row Num = 52
Min = -51.000000
Max = 63.000000
Mean = 0.909091
std = 18.818371
RMS = 18.625496
--------------------------------------------------------
***Row Num = 53
Min = -127.000000
Max = 94.000000
Mean = -8.340909
std = 44.409272
RMS = 44.687043
--------------------------------------------------------
***Row Num = 54
Min = -41.000000
Max = 43.000000
Mean = 0.272727
std = 17.594084
RMS = 17.395140
--------------------------------------------------------
***Row Num = 55
Min = -31.000000
Max = 14.000000
Mean = -1.431818
std = 8.258604
RMS = 8.288821
--------------------------------------------------------
***Row Num = 56
Min = -55.000000
Max = 40.000000
Mean = -2.613636
std = 15.247136
RMS = 15.297801
--------------------------------------------------------
***Row Num = 57
Min = -32.313000
Max = 24.813000
Mean = 0.399148
std = 9.420420
```

```
RMS = 9.321304
----------------------------------------------------------
***Row Num = 58
Min = -32.313000
Max = 24.813000
Mean = 0.399148
std = 9.420420
RMS = 9.321304
----------------------------------------------------------
***Row Num = 59
Min = -32.313000
Max = 24.813000
Mean = 0.399148
std = 9.420420
RMS = 9.321304
----------------------------------------------------------
***Row Num = 60
Min = -69.063000
Max = 74.688000
Mean = 0.051091
std = 26.428455
RMS = 26.126456
----------------------------------------------------------
***Row Num = 61
Min = -69.063000
Max = 74.688000
Mean = 0.051091
std = 26.428455
RMS = 26.126456
----------------------------------------------------------
***Row Num = 62
Min = -69.063000
Max = 74.688000
Mean = 0.051091
std = 26.428455
RMS = 26.126456
----------------------------------------------------------
***Row Num = 63
Min = 2.772100
Max = 2.891800
Mean = 2.830941
std = 0.034839
RMS = 2.831150
----------------------------------------------------------
***Row Num = 64
Min = 3.065600
Max = 3.117900
Mean = 3.097827
std = 0.017479
RMS = 3.097875
```

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--------------------------------------------------------
***Row Num = 65
Min = 7.546800
Max = 7.704500
Mean = 7.633130
std = 0.039360
RMS = 7.633229
--------------------------------------------------------
***Row Num = 66
Min = 6.534000
Max = 7.697700
Mean = 7.083127
std = 0.313719
RMS = 7.089914
--------------------------------------------------------
***Row Num = 67
Min = 2.874200
Max = 5.985700
Mean = 4.765648
std = 1.372348
RMS = 4.954991
--------------------------------------------------------
***Row Num = 68
Min = 0.099340
Max = 9.861400
Mean = 4.037560
std = 3.781278
RMS = 5.502273
--------------------------------------------------------
***Row Num = 69
Min = 0.884770
Max = 0.959960
Mean = 0.933039
std = 0.012842
RMS = 0.933125
--------------------------------------------------------
***Row Num = 70
Min = -0.476560
Max = -0.271480
Mean = -0.349322
std = 0.035717
RMS = 0.351102
--------------------------------------------------------
***Row Num = 71
Min = 0.041016
Max = 0.118160
Mean = 0.071034
std = 0.017295
RMS = 0.073062
--------------------------------------------------------
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***Row Num = 72
Min = -1.077100
Max = 1.002000
Mean = 0.060350
std = 0.688955
RMS = 0.683749
--------------------------------------------------------
***Row Num = 73
Min = 0.189940
Max = 0.953610
Mean = 0.617465
std = 0.225271
RMS = 0.656397
--------------------------------------------------------
***Row Num = 74
Min = -0.562500
Max = 0.694820
Mean = 0.278864
std = 0.245635
RMS = 0.369771
--------------------------------------------------------
***Row Num = 75
Min = -11.000000
Max = 1.000000
Mean = -1.045455
std = 1.904151
RMS = 2.153222
--------------------------------------------------------
***Row Num = 76
Min = -6.000000
Max = 2.000000
Mean = -1.272727
std = 1.545641
RMS = 1.988604
--------------------------------------------------------
***Row Num = 77
Min = -3.000000
Max = 1.000000
Mean = -1.136364
std = 1.047498
RMS = 1.537412
--------------------------------------------------------
***Row Num = 78
Min = -4.000000
Max = 1.000000
Mean = -0.977273
std = 0.901901
RMS = 1.322876
--------------------------------------------------------
***Row Num = 79
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```
Min = -3.000000
Max = 1.000000
Mean = -1.159091
std = 0.833686
RMS = 1.422226
--------------------------------------------------------
***Row Num = 80
Min = -4.000000
Max = 1.000000
Mean = -1.159091
std = 1.033017
RMS = 1.544786
--------------------------------------------------------
***Row Num = 81
Min = -6.000000
Max = 5.000000
Mean = -1.045455
std = 2.068080
RMS = 2.296242
--------------------------------------------------------
***Row Num = 82
Min = -7.000000
Max = 4.000000
Mean = -1.250000
std = 2.211229
RMS = 2.518116
--------------------------------------------------------
***Row Num = 83
Min = -97.000000
Max = 44.000000
Mean = -2.659091
std = 25.300008
RMS = 25.151812
--------------------------------------------------------
***Row Num = 84
Min = -35.000000
Max = 21.000000
Mean = -2.681818
std = 12.153615
RMS = 12.310380
--------------------------------------------------------
***Row Num = 85
Min = -62.000000
Max = 28.000000
Mean = -2.272727
std = 12.579725
RMS = 12.641922
--------------------------------------------------------
***Row Num = 86
Min = -37.000000
```

```
Max = 69.000000
Mean = -0.204545
std = 15.599015
RMS = 15.422092
--------------------------------------------------------
***Row Num = 87
Min = -87.000000
Max = 127.000000
Mean = 4.772727
std = 38.724347
RMS = 38.578138
--------------------------------------------------------
***Row Num = 88
Min = -25.000000
Max = 10.000000
Mean = -1.159091
std = 7.560433
RMS = 7.563369
--------------------------------------------------------
***Row Num = 89
Min = -19.000000
Max = 22.000000
Mean = 0.931818
std = 8.398222
RMS = 8.354367
--------------------------------------------------------
***Row Num = 90
Min = -53.000000
Max = 39.000000
Mean = -3.227273
std = 16.638235
RMS = 16.761699
--------------------------------------------------------
***Row Num = 91
Min = -24.625000
Max = 19.563000
Mean = 0.910523
std = 7.701605
RMS = 7.667836
--------------------------------------------------------
***Row Num = 92
Min = -24.625000
Max = 19.563000
Mean = 0.910523
std = 7.701605
RMS = 7.667836
--------------------------------------------------------
***Row Num = 93
Min = -24.625000
Max = 19.563000
```

```
Mean = 0.910523
std = 7.701605
RMS = 7.667836
--------------------------------------------------------
***Row Num = 94
Min = -80.500000
Max = 36.313000
Mean = -1.536966
std = 21.124064
RMS = 20.939122
--------------------------------------------------------
***Row Num = 95
Min = -80.500000
Max = 36.313000
Mean = -1.536966
std = 21.124064
RMS = 20.939122
--------------------------------------------------------
***Row Num = 96
Min = -80.500000
Max = 36.313000
Mean = -1.536966
std = 21.124064
RMS = 20.939122
--------------------------------------------------------
***Row Num = 97
Min = 2.767700
Max = 2.887800
Mean = 2.822000
std = 0.042624
RMS = 2.822315
--------------------------------------------------------
***Row Num = 98
Min = 3.044500
Max = 3.105800
Mean = 3.081082
std = 0.015462
RMS = 3.081120
--------------------------------------------------------
***Row Num = 99
Min = 7.533000
Max = 7.663800
Mean = 7.594836
std = 0.025618
RMS = 7.594879
--------------------------------------------------------
***Row Num = 100
Min = 6.562300
Max = 7.632500
Mean = 6.970070
```

```
std = 0.290956
RMS = 6.976003
--------------------------------------------------------
***Row Num = 101
Min = 2.877900
Max = 5.972900
Mean = 4.784055
std = 1.320049
RMS = 4.958841
--------------------------------------------------------
***Row Num = 102
Min = 0.238030
Max = 9.982600
Mean = 4.105388
std = 3.923679
RMS = 5.647971
--------------------------------------------------------
***Row Num = 103
Min = 0.889650
Max = 1.001500
Mean = 0.928390
std = 0.019098
RMS = 0.928582
--------------------------------------------------------
***Row Num = 104
Min = -0.491700
Max = -0.306640
Mean = -0.357122
std = 0.036544
RMS = 0.358945
--------------------------------------------------------
***Row Num = 105
Min = 0.048828
Max = 0.159670
Mean = 0.093550
std = 0.021167
RMS = 0.095862
--------------------------------------------------------
***Row Num = 106
Min = -1.043900
Max = 1.587400
Mean = 0.262651
std = 0.807444
RMS = 0.840318
--------------------------------------------------------
***Row Num = 107
Min = 0.174320
Max = 0.969240
Mean = 0.526467
std = 0.247772
```

```
RMS = 0.580658
---------------------------------------------------------
***Row Num = 108
Min = -0.209960
Max = 1.655800
Mean = 0.313711
std = 0.310260
RMS = 0.438734
---------------------------------------------------------
***Row Num = 109
Min = -6.000000
Max = 5.000000
Mean = -1.250000
std = 1.831571
RMS = 2.200207
---------------------------------------------------------
***Row Num = 110
Min = -5.000000
Max = 1.000000
Mean = -1.068182
std = 1.301122
RMS = 1.671961
---------------------------------------------------------
***Row Num = 111
Min = -3.000000
Max = 1.000000
Mean = -1.090909
std = 0.830191
RMS = 1.365151
---------------------------------------------------------
***Row Num = 112
Min = -4.000000
Max = 1.000000
Mean = -1.250000
std = 0.991241
RMS = 1.588310
---------------------------------------------------------
***Row Num = 113
Min = -3.000000
Max = 1.000000
Mean = -1.045455
std = 0.861436
RMS = 1.348400
---------------------------------------------------------
***Row Num = 114
Min = -4.000000
Max = 2.000000
Mean = -1.068182
std = 1.169331
RMS = 1.573935
```

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--------------------------------------------------------
***Row Num = 115
Min = -5.000000
Max = 3.000000
Mean = -0.840909
std = 1.641655
RMS = 1.827815
--------------------------------------------------------
***Row Num = 116
Min = -3.000000
Max = 2.000000
Mean = -0.795455
std = 1.230986
RMS = 1.453835
--------------------------------------------------------
***Row Num = 117
Min = -51.000000
Max = 44.000000
Mean = 1.477273
std = 21.136861
RMS = 20.947445
--------------------------------------------------------
***Row Num = 118
Min = -13.000000
Max = 23.000000
Mean = 0.386364
std = 7.607267
RMS = 7.530242
--------------------------------------------------------
***Row Num = 119
Min = -7.000000
Max = 14.000000
Mean = 0.340909
std = 4.339881
RMS = 4.303804
--------------------------------------------------------
***Row Num = 120
Min = -33.000000
Max = 30.000000
Mean = -0.136364
std = 10.256231
RMS = 10.139930
--------------------------------------------------------
***Row Num = 121
Min = -98.000000
Max = 87.000000
Mean = -1.477273
std = 29.666745
RMS = 29.364868
--------------------------------------------------------
```

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***Row Num = 122
Min = -35.000000
Max = 23.000000
Mean = -1.636364
std = 10.768366
RMS = 10.770330
--------------------------------------------------------
***Row Num = 123
Min = -25.000000
Max = 12.000000
Mean = -1.795455
std = 7.447739
RMS = 7.578378
--------------------------------------------------------
***Row Num = 124
Min = -43.000000
Max = 21.000000
Mean = -2.977273
std = 9.713306
RMS = 10.053267
--------------------------------------------------------
***Row Num = 125
Min = -20.125000
Max = 30.438000
Mean = 0.857989
std = 10.291775
RMS = 10.210263
--------------------------------------------------------
***Row Num = 126
Min = -20.125000
Max = 30.438000
Mean = 0.857989
std = 10.291775
RMS = 10.210263
--------------------------------------------------------
***Row Num = 127
Min = -20.125000
Max = 30.438000
Mean = 0.857989
std = 10.291775
RMS = 10.210263
--------------------------------------------------------
***Row Num = 128
Min = -78.375000
Max = 74.063000
Mean = -1.663375
std = 31.465040
RMS = 31.149871
--------------------------------------------------------
***Row Num = 129
```

```
Min = -78.375000
Max = 74.063000
Mean = -1.663375
std = 31.465040
RMS = 31.149871
---------------------------------------------------------
***Row Num = 130
Min = -78.375000
Max = 74.063000
Mean = -1.663375
std = 31.465040
RMS = 31.149871
---------------------------------------------------------
***Row Num = 131
Min = 2.870900
Max = 2.961000
Mean = 2.903736
std = 0.019661
RMS = 2.903801
---------------------------------------------------------
***Row Num = 132
Min = 3.060200
Max = 3.152200
Mean = 3.110436
std = 0.036993
RMS = 3.110651
---------------------------------------------------------
***Row Num = 133
Min = 7.544700
Max = 7.793200
Mean = 7.640002
std = 0.082639
RMS = 7.640439
---------------------------------------------------------
***Row Num = 134
Min = 6.629500
Max = 7.153900
Mean = 6.832550
std = 0.129053
RMS = 6.833741
---------------------------------------------------------
***Row Num = 135
Min = 2.846200
Max = 5.973200
Mean = 4.457298
std = 1.465639
RMS = 4.686873
---------------------------------------------------------
***Row Num = 136
Min = 0.067452
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```
Max = 9.780600
Mean = 5.098750
std = 4.026668
RMS = 6.468601
--------------------------------------------------------
***Row Num = 137
Min = 0.885250
Max = 0.962890
Mean = 0.933484
std = 0.012122
RMS = 0.933561
--------------------------------------------------------
***Row Num = 138
Min = -0.486330
Max = -0.267580
Mean = -0.347501
std = 0.035045
RMS = 0.349224
--------------------------------------------------------
***Row Num = 139
Min = 0.044922
Max = 0.126950
Mean = 0.077715
std = 0.015775
RMS = 0.079264
--------------------------------------------------------
***Row Num = 140
Min = -1.054200
Max = 1.290500
Mean = 0.143842
std = 0.698369
RMS = 0.705213
--------------------------------------------------------
***Row Num = 141
Min = 0.189940
Max = 1.024900
Mean = 0.534724
std = 0.236236
RMS = 0.583497
--------------------------------------------------------
***Row Num = 142
Min = -0.932620
Max = 0.758790
Mean = 0.205900
std = 0.367236
RMS = 0.417363
--------------------------------------------------------
***Row Num = 143
Min = -6.000000
Max = 2.000000
```

```
Mean = -1.204545
std = 1.439954
RMS = 1.864745
--------------------------------------------------------
***Row Num = 144
Min = -3.000000
Max = 2.000000
Mean = -0.954545
std = 1.119687
RMS = 1.461630
--------------------------------------------------------
***Row Num = 145
Min = -3.000000
Max = 0.000000
Mean = -1.181818
std = 0.869983
RMS = 1.461630
--------------------------------------------------------
***Row Num = 146
Min = -3.000000
Max = 2.000000
Mean = -0.977273
std = 1.088815
RMS = 1.453835
--------------------------------------------------------
***Row Num = 147
Min = -4.000000
Max = 2.000000
Mean = -1.250000
std = 1.222369
RMS = 1.738599
--------------------------------------------------------
***Row Num = 148
Min = -4.000000
Max = 1.000000
Mean = -1.068182
std = 1.149271
RMS = 1.559429
--------------------------------------------------------
***Row Num = 149
Min = -4.000000
Max = 2.000000
Mean = -1.000000
std = 1.346831
RMS = 1.665151
--------------------------------------------------------
***Row Num = 150
Min = -5.000000
Max = 2.000000
Mean = -1.159091
```

```
std = 1.445815
RMS = 1.840207
--------------------------------------------------------
***Row Num = 151
Min = -116.000000
Max = 60.000000
Mean = 4.000000
std = 29.594940
RMS = 29.528876
--------------------------------------------------------
***Row Num = 152
Min = -30.000000
Max = 31.000000
Mean = 0.636364
std = 11.426389
RMS = 11.313708
--------------------------------------------------------
***Row Num = 153
Min = -29.000000
Max = 24.000000
Mean = -0.363636
std = 8.991187
RMS = 8.895862
--------------------------------------------------------
***Row Num = 154
Min = -48.000000
Max = 48.000000
Mean = 0.227273
std = 14.896330
RMS = 14.727834
--------------------------------------------------------
***Row Num = 155
Min = -115.000000
Max = 120.000000
Mean = -1.613636
std = 36.390783
RMS = 36.011046
--------------------------------------------------------
***Row Num = 156
Min = -23.000000
Max = 37.000000
Mean = 0.500000
std = 9.473341
RMS = 9.378408
--------------------------------------------------------
***Row Num = 157
Min = -29.000000
Max = 13.000000
Mean = -2.500000
std = 8.700441
```

```
RMS = 8.956968
---------------------------------------------------------
***Row Num = 158
Min = -31.000000
Max = 42.000000
Mean = 0.477273
std = 12.436796
RMS = 12.303917
---------------------------------------------------------
***Row Num = 159
Min = -27.125000
Max = 15.813000
Mean = -1.154830
std = 9.208960
RMS = 9.176666
---------------------------------------------------------
***Row Num = 160
Min = -27.125000
Max = 15.813000
Mean = -1.154830
std = 9.208960
RMS = 9.176666
---------------------------------------------------------
***Row Num = 161
Min = -27.125000
Max = 15.813000
Mean = -1.154830
std = 9.208960
RMS = 9.176666
---------------------------------------------------------
***Row Num = 162
Min = -58.188000
Max = 72.000000
Mean = 3.806818
std = 25.899429
RMS = 25.884885
---------------------------------------------------------
***Row Num = 163
Min = -58.188000
Max = 72.000000
Mean = 3.806818
std = 25.899429
RMS = 25.884885
---------------------------------------------------------
***Row Num = 164
Min = -58.188000
Max = 72.000000
Mean = 3.806818
std = 25.899429
RMS = 25.884885
```

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---------------------------------------------------------
***Row Num = 165
Min = 2.815400
Max = 2.933200
Mean = 2.850239
std = 0.029987
RMS = 2.850393
---------------------------------------------------------
***Row Num = 166
Min = 3.050600
Max = 3.110800
Mean = 3.084059
std = 0.021122
RMS = 3.084130
---------------------------------------------------------
***Row Num = 167
Min = 7.599600
Max = 7.712200
Mean = 7.664980
std = 0.034947
RMS = 7.665057
---------------------------------------------------------
***Row Num = 168
Min = 6.326000
Max = 7.556400
Mean = 6.943898
std = 0.386991
RMS = 6.954428
---------------------------------------------------------
***Row Num = 169
Min = 2.878900
Max = 5.974500
Mean = 4.527752
std = 1.387444
RMS = 4.730940
---------------------------------------------------------
***Row Num = 170
Min = 0.010467
Max = 9.748000
Mean = 4.371098
std = 4.006153
RMS = 5.898390
---------------------------------------------------------
***Row Num = 171
Min = 0.886230
Max = 1.023900
Mean = 0.929743
std = 0.027772
RMS = 0.930148
---------------------------------------------------------
```

```
***Row Num = 172
Min = -0.511230
Max = -0.213380
Mean = -0.351407
std = 0.045224
RMS = 0.354239
--------------------------------------------------------
***Row Num = 173
Min = 0.010254
Max = 0.125980
Mean = 0.080644
std = 0.022409
RMS = 0.083631
--------------------------------------------------------
***Row Num = 174
Min = -0.959960
Max = 1.543900
Mean = 0.417448
std = 0.704466
RMS = 0.811946
--------------------------------------------------------
***Row Num = 175
Min = 0.113280
Max = 1.072300
Mean = 0.488882
std = 0.244920
RMS = 0.545553
--------------------------------------------------------
***Row Num = 176
Min = -0.092773
Max = 0.947270
Mean = 0.344505
std = 0.284840
RMS = 0.444942
--------------------------------------------------------
***Row Num = 177
Min = -4.000000
Max = 2.000000
Mean = -0.840909
std = 1.396727
RMS = 1.616674
--------------------------------------------------------
***Row Num = 178
Min = -3.000000
Max = 1.000000
Mean = -0.931818
std = 0.728098
RMS = 1.177439
--------------------------------------------------------
***Row Num = 179
```

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Min = -3.000000
Max = 1.000000
Mean = -1.045455
std = 0.888022
RMS = 1.365151
--------------------------------------------------------
***Row Num = 180
Min = -2.000000
Max = 2.000000
Mean = -0.636364
std = 1.013649
RMS = 1.187051
--------------------------------------------------------
***Row Num = 181
Min = -3.000000
Max = 2.000000
Mean = -0.840909
std = 0.986966
RMS = 1.288057
--------------------------------------------------------
***Row Num = 182
Min = -3.000000
Max = 1.000000
Mean = -0.931818
std = 1.108062
RMS = 1.438117
--------------------------------------------------------
***Row Num = 183
Min = -4.000000
Max = 3.000000
Mean = -0.522727
std = 1.691135
RMS = 1.751623
--------------------------------------------------------
***Row Num = 184
Min = -4.000000
Max = 3.000000
Mean = -0.704545
std = 1.785986
RMS = 1.900957
--------------------------------------------------------
***Row Num = 185
Min = -66.000000
Max = 50.000000
Mean = -2.954545
std = 25.236513
RMS = 25.122428
--------------------------------------------------------
***Row Num = 186
Min = -65.000000
```

```
Max = 24.000000
Mean = -2.909091
std = 12.203351
RMS = 12.409674
--------------------------------------------------------
***Row Num = 187
Min = -37.000000
Max = 38.000000
Mean = -2.250000
std = 11.830440
RMS = 11.909698
--------------------------------------------------------
***Row Num = 188
Min = -39.000000
Max = 21.000000
Mean = -3.068182
std = 10.625546
RMS = 10.943034
--------------------------------------------------------
***Row Num = 189
Min = -68.000000
Max = 127.000000
Mean = -7.704545
std = 34.143050
RMS = 34.621000
--------------------------------------------------------
***Row Num = 190
Min = -38.000000
Max = 18.000000
Mean = -1.204545
std = 10.628132
RMS = 10.575486
--------------------------------------------------------
***Row Num = 191
Min = -18.000000
Max = 27.000000
Mean = -1.113636
std = 8.573122
RMS = 8.547993
--------------------------------------------------------
***Row Num = 192
Min = -48.000000
Max = 17.000000
Mean = -5.159091
std = 11.883041
RMS = 12.830185
--------------------------------------------------------
***Row Num = 193
Min = -41.688000
Max = 27.625000
```

```
Mean = -0.393500
std = 13.551157
RMS = 13.402060
--------------------------------------------------------
***Row Num = 194
Min = -41.688000
Max = 27.625000
Mean = -0.393500
std = 13.551157
RMS = 13.402060
--------------------------------------------------------
***Row Num = 195
Min = -41.688000
Max = 27.625000
Mean = -0.393500
std = 13.551157
RMS = 13.402060
--------------------------------------------------------
***Row Num = 196
Min = -69.063000
Max = 96.438000
Mean = 5.830989
std = 35.208580
RMS = 35.291229
--------------------------------------------------------
***Row Num = 197
Min = -69.063000
Max = 96.438000
Mean = 5.830989
std = 35.208580
RMS = 35.291229
--------------------------------------------------------
***Row Num = 198
Min = -69.063000
Max = 96.438000
Mean = 5.830989
std = 35.208580
RMS = 35.291229
--------------------------------------------------------
***Row Num = 199
Min = 2.784400
Max = 2.909100
Mean = 2.859186
std = 0.033686
RMS = 2.859380
--------------------------------------------------------
***Row Num = 200
Min = 3.080800
Max = 3.124900
Mean = 3.100789
```

```
std = 0.014198
RMS = 3.100820
--------------------------------------------------------
***Row Num = 201
Min = 7.589400
Max = 7.747100
Mean = 7.677925
std = 0.046280
RMS = 7.678061
--------------------------------------------------------
***Row Num = 202
Min = 6.334400
Max = 7.448500
Mean = 6.933411
std = 0.318031
RMS = 6.940536
--------------------------------------------------------
***Row Num = 203
Min = 2.847400
Max = 5.952000
Mean = 4.158734
std = 1.363665
RMS = 4.371772
--------------------------------------------------------
***Row Num = 204
Min = 0.136440
Max = 9.933600
Mean = 5.469855
std = 4.113274
RMS = 6.815704
--------------------------------------------------------
***Row Num = 205
Min = 0.882810
Max = 0.979980
Mean = 0.929377
std = 0.017928
RMS = 0.929546
--------------------------------------------------------
***Row Num = 206
Min = -0.394040
Max = -0.319820
Mean = -0.355202
std = 0.019303
RMS = 0.355714
--------------------------------------------------------
***Row Num = 207
Min = 0.028320
Max = 0.121090
Mean = 0.073819
std = 0.018051
```

```
RMS = 0.075945
-------------------------------------------------------
***Row Num = 208
Min = -0.752930
Max = 1.728000
Mean = 0.454730
std = 0.750862
RMS = 0.870494
-------------------------------------------------------
***Row Num = 209
Min = -0.029785
Max = 1.058600
Mean = 0.465865
std = 0.257656
RMS = 0.530950
-------------------------------------------------------
***Row Num = 210
Min = -0.230960
Max = 1.477500
Mean = 0.266301
std = 0.297676
RMS = 0.396879
-------------------------------------------------------
***Row Num = 211
Min = -4.000000
Max = 0.000000
Mean = -0.977273
std = 0.952076
RMS = 1.356801
-------------------------------------------------------
***Row Num = 212
Min = -3.000000
Max = 1.000000
Mean = -0.909091
std = 1.007372
RMS = 1.348400
-------------------------------------------------------
***Row Num = 213
Min = -3.000000
Max = 1.000000
Mean = -1.068182
std = 1.108062
RMS = 1.530003
-------------------------------------------------------
***Row Num = 214
Min = -2.000000
Max = 1.000000
Mean = -1.113636
std = 0.920463
RMS = 1.438117
```

```
--------------------------------------------------------
***Row Num = 215
Min = -3.000000
Max = 1.000000
Mean = -1.181818
std = 0.921897
RMS = 1.492405
--------------------------------------------------------
***Row Num = 216
Min = -3.000000
Max = 2.000000
Mean = -1.090909
std = 1.095831
RMS = 1.537412
--------------------------------------------------------
***Row Num = 217
Min = -4.000000
Max = 3.000000
Mean = -0.659091
std = 1.669747
RMS = 1.777383
--------------------------------------------------------
***Row Num = 218
Min = -3.000000
Max = 2.000000
Mean = -0.886364
std = 1.185492
RMS = 1.469385
--------------------------------------------------------
***Row Num = 219
Min = -76.000000
Max = 69.000000
Mean = 2.227273
std = 23.814070
RMS = 23.647026
--------------------------------------------------------
***Row Num = 220
Min = -29.000000
Max = 29.000000
Mean = -0.977273
std = 9.725269
RMS = 9.663662
--------------------------------------------------------
***Row Num = 221
Min = -55.000000
Max = 33.000000
Mean = -1.681818
std = 11.143405
RMS = 11.143690
--------------------------------------------------------
```

```
***Row Num = 222
Min = -67.000000
Max = 74.000000
Mean = -2.386364
std = 18.062187
RMS = 18.014514
--------------------------------------------------------
***Row Num = 223
Min = -84.000000
Max = 107.000000
Mean = -5.636364
std = 31.610339
RMS = 31.753310
--------------------------------------------------------
***Row Num = 224
Min = -90.000000
Max = 38.000000
Mean = -1.295455
std = 17.858070
RMS = 17.701438
--------------------------------------------------------
***Row Num = 225
Min = -24.000000
Max = 16.000000
Mean = -0.386364
std = 7.437229
RMS = 7.362374
--------------------------------------------------------
***Row Num = 226
Min = -80.000000
Max = 20.000000
Mean = -2.545455
std = 16.403991
RMS = 16.415071
--------------------------------------------------------
***Row Num = 227
Min = -52.563000
Max = 34.875000
Mean = 1.198875
std = 14.445980
RMS = 14.331112
--------------------------------------------------------
***Row Num = 228
Min = -52.563000
Max = 34.875000
Mean = 1.198875
std = 14.445980
RMS = 14.331112
--------------------------------------------------------
***Row Num = 229
```

```
Min = -52.563000
Max = 34.875000
Mean = 1.198875
std = 14.445980
RMS = 14.331112
---------------------------------------------------------
***Row Num = 230
Min = -52.125000
Max = 105.940000
Mean = 0.336727
std = 26.514167
RMS = 26.213301
---------------------------------------------------------
***Row Num = 231
Min = -52.125000
Max = 105.940000
Mean = 0.336727
std = 26.514167
RMS = 26.213301
---------------------------------------------------------
***Row Num = 232
Min = -52.125000
Max = 105.940000
Mean = 0.336727
std = 26.514167
RMS = 26.213301
---------------------------------------------------------
***Row Num = 233
Min = 2.790300
Max = 2.866000
Mean = 2.833584
std = 0.020722
RMS = 2.833658
---------------------------------------------------------
***Row Num = 234
Min = 3.074400
Max = 3.106900
Mean = 3.088448
std = 0.010308
RMS = 3.088465
---------------------------------------------------------
***Row Num = 235
Min = 7.623200
Max = 7.721000
Mean = 7.684668
std = 0.026309
RMS = 7.684712
---------------------------------------------------------
***Row Num = 236
Min = 6.450500
```

```
Max = 7.178500
Mean = 6.858525
std = 0.190523
RMS = 6.861111
--------------------------------------------------------
***Row Num = 237
Min = 2.864200
Max = 5.950800
Mean = 4.117277
std = 1.441037
RMS = 4.356761
--------------------------------------------------------
***Row Num = 238
Min = 0.099471
Max = 9.648800
Mean = 5.649472
std = 4.186568
RMS = 7.003252
--------------------------------------------------------
***Row Num = 239
Min = 0.888670
Max = 0.983400
Mean = 0.931030
std = 0.018057
RMS = 0.931201
--------------------------------------------------------
***Row Num = 240
Min = -0.456540
Max = -0.245610
Mean = -0.346402
std = 0.037528
RMS = 0.348383
--------------------------------------------------------
***Row Num = 241
Min = 0.027344
Max = 0.115230
Mean = 0.066861
std = 0.017515
RMS = 0.069067
--------------------------------------------------------
***Row Num = 242
Min = -1.293000
Max = 1.324200
Mean = 0.222532
std = 0.711072
RMS = 0.737328
--------------------------------------------------------
***Row Num = 243
Min = 0.118160
Max = 0.920900
```

```
Mean = 0.468717
std = 0.228321
RMS = 0.520232
---------------------------------------------------------
***Row Num = 244
Min = -0.603520
Max = 1.052700
Mean = 0.171275
std = 0.343156
RMS = 0.380020
---------------------------------------------------------
***Row Num = 245
Min = -5.000000
Max = 4.000000
Mean = -1.022727
std = 1.517167
RMS = 1.815339
---------------------------------------------------------
***Row Num = 246
Min = -3.000000
Max = 3.000000
Mean = -0.931818
std = 1.043200
RMS = 1.389899
---------------------------------------------------------
***Row Num = 247
Min = -5.000000
Max = 2.000000
Mean = -1.181818
std = 1.225176
RMS = 1.692228
---------------------------------------------------------
***Row Num = 248
Min = -3.000000
Max = 1.000000
Mean = -0.863636
std = 0.904534
RMS = 1.243163
---------------------------------------------------------
***Row Num = 249
Min = -3.000000
Max = 1.000000
Mean = -0.977273
std = 1.067242
RMS = 1.438117
---------------------------------------------------------
***Row Num = 250
Min = -3.000000
Max = 2.000000
Mean = -0.636364
```

```
std = 1.101604
RMS = 1.261312
-------------------------------------------------------
***Row Num = 251
Min = -5.000000
Max = 2.000000
Mean = -0.977273
std = 1.731898
RMS = 1.971386
-------------------------------------------------------
***Row Num = 252
Min = -5.000000
Max = 2.000000
Mean = -0.931818
std = 1.404275
RMS = 1.671961
-------------------------------------------------------
***Row Num = 253
Min = -101.000000
Max = 66.000000
Mean = -1.818182
std = 26.032424
RMS = 25.799049
-------------------------------------------------------
***Row Num = 254
Min = -33.000000
Max = 42.000000
Mean = -0.363636
std = 14.204636
RMS = 14.046999
-------------------------------------------------------
***Row Num = 255
Min = -33.000000
Max = 57.000000
Mean = -1.545455
std = 13.345942
RMS = 13.283619
-------------------------------------------------------
***Row Num = 256
Min = -32.000000
Max = 80.000000
Mean = 1.386364
std = 19.155685
RMS = 18.987436
-------------------------------------------------------
***Row Num = 257
Min = -94.000000
Max = 124.000000
Mean = 0.295455
std = 41.912189
```

```
RMS = 41.434230
--------------------------------------------------------
***Row Num = 258
Min = -45.000000
Max = 29.000000
Mean = -0.386364
std = 14.229377
RMS = 14.072055
--------------------------------------------------------
***Row Num = 259
Min = -39.000000
Max = 24.000000
Mean = -3.636364
std = 10.613924
RMS = 11.104872
--------------------------------------------------------
***Row Num = 260
Min = -86.000000
Max = 55.000000
Mean = -2.159091
std = 18.746712
RMS = 18.657804
--------------------------------------------------------
***Row Num = 261
Min = -26.375000
Max = 26.438000
Mean = 0.173352
std = 8.683395
RMS = 8.585903
--------------------------------------------------------
***Row Num = 262
Min = -26.375000
Max = 26.438000
Mean = 0.173352
std = 8.683395
RMS = 8.585903
--------------------------------------------------------
***Row Num = 263
Min = -26.375000
Max = 26.438000
Mean = 0.173352
std = 8.683395
RMS = 8.585903
--------------------------------------------------------
***Row Num = 264
Min = -60.250000
Max = 64.250000
Mean = -0.051148
std = 24.320144
RMS = 24.042244
```

```
--------------------------------------------------------
***Row Num = 265
Min = -60.250000
Max = 64.250000
Mean = -0.051148
std = 24.320144
RMS = 24.042244
--------------------------------------------------------
***Row Num = 266
Min = -60.250000
Max = 64.250000
Mean = -0.051148
std = 24.320144
RMS = 24.042244
--------------------------------------------------------
***Row Num = 267
Min = 2.769400
Max = 2.867500
Mean = 2.810345
std = 0.021295
RMS = 2.810424
--------------------------------------------------------
***Row Num = 268
Min = 3.065600
Max = 3.105900
Mean = 3.082918
std = 0.014253
RMS = 3.082950
--------------------------------------------------------
***Row Num = 269
Min = 7.618700
Max = 7.721600
Mean = 7.686886
std = 0.025342
RMS = 7.686927
--------------------------------------------------------
***Row Num = 270
Min = 6.325800
Max = 7.658600
Mean = 7.036070
std = 0.375175
RMS = 7.045839
--------------------------------------------------------
***Row Num = 271
Min = 2.885800
Max = 5.957100
Mean = 4.235802
std = 1.411377
RMS = 4.459679
--------------------------------------------------------
```

```
***Row Num = 272
Min = 0.263120
Max = 9.959200
Mean = 5.352503
std = 3.979627
RMS = 6.642799
--------------------------------------------------------
***Row Num = 273
Min = 0.866700
Max = 0.981930
Mean = 0.923473
std = 0.023957
RMS = 0.923777
--------------------------------------------------------
***Row Num = 274
Min = -0.521000
Max = -0.240230
Mean = -0.369030
std = 0.045987
RMS = 0.371820
--------------------------------------------------------
***Row Num = 275
Min = 0.054199
Max = 0.141110
Mean = 0.087613
std = 0.019960
RMS = 0.089808
--------------------------------------------------------
***Row Num = 276
Min = -0.877930
Max = 1.624500
Mean = 0.366332
std = 0.758730
RMS = 0.834738
--------------------------------------------------------
***Row Num = 277
Min = -0.003906
Max = 1.074700
Mean = 0.471313
std = 0.252423
RMS = 0.533297
--------------------------------------------------------
***Row Num = 278
Min = -0.772460
Max = 0.822270
Mean = 0.272905
std = 0.333418
RMS = 0.427923
--------------------------------------------------------
***Row Num = 279
```

```
Min = -3.000000
Max = 1.000000
Mean = -1.000000
std = 0.862662
RMS = 1.314257
--------------------------------------------------------
***Row Num = 280
Min = -3.000000
Max = 0.000000
Mean = -1.159091
std = 0.887725
RMS = 1.453835
--------------------------------------------------------
***Row Num = 281
Min = -4.000000
Max = 1.000000
Mean = -1.386364
std = 0.969678
RMS = 1.685500
--------------------------------------------------------
***Row Num = 282
Min = -3.000000
Max = 1.000000
Mean = -1.022727
std = 0.901901
RMS = 1.356801
--------------------------------------------------------
***Row Num = 283
Min = -3.000000
Max = 1.000000
Mean = -1.181818
std = 0.814769
RMS = 1.430194
--------------------------------------------------------
***Row Num = 284
Min = -4.000000
Max = 2.000000
Mean = -1.000000
std = 1.181249
RMS = 1.537412
--------------------------------------------------------
***Row Num = 285
Min = -3.000000
Max = 3.000000
Mean = -0.704545
std = 1.268208
RMS = 1.438117
--------------------------------------------------------
***Row Num = 286
Min = -5.000000
```

```
Max = 1.000000
Mean = -0.795455
std = 1.356801
RMS = 1.559429
--------------------------------------------------------
***Row Num = 287
Min = -51.000000
Max = 56.000000
Mean = 3.000000
std = 23.561893
RMS = 23.485005
--------------------------------------------------------
***Row Num = 288
Min = -38.000000
Max = 36.000000
Mean = 1.886364
std = 13.595854
RMS = 13.572198
--------------------------------------------------------
***Row Num = 289
Min = -31.000000
Max = 30.000000
Mean = -1.568182
std = 9.942621
RMS = 9.953300
--------------------------------------------------------
***Row Num = 290
Min = -66.000000
Max = 48.000000
Mean = -2.386364
std = 17.227906
RMS = 17.197384
--------------------------------------------------------
***Row Num = 291
Min = -75.000000
Max = 100.000000
Mean = -1.250000
std = 33.261560
RMS = 32.905167
--------------------------------------------------------
***Row Num = 292
Min = -30.000000
Max = 41.000000
Mean = 0.045455
std = 12.676575
RMS = 12.531778
--------------------------------------------------------
***Row Num = 293
Min = -29.000000
Max = 23.000000
```

```
Mean = -0.318182
std = 7.284174
RMS = 7.207950
-------------------------------------------------------
***Row Num = 294
Min = -39.000000
Max = 40.000000
Mean = 0.886364
std = 15.143063
RMS = 14.996212
-------------------------------------------------------
***Row Num = 295
Min = -39.500000
Max = 40.188000
Mean = 0.248614
std = 12.160822
RMS = 12.024407
-------------------------------------------------------
***Row Num = 296
Min = -39.500000
Max = 40.188000
Mean = 0.248614
std = 12.160822
RMS = 12.024407
-------------------------------------------------------
***Row Num = 297
Min = -39.500000
Max = 40.188000
Mean = 0.248614
std = 12.160822
RMS = 12.024407
-------------------------------------------------------
***Row Num = 298
Min = -255.880000
Max = 91.500000
Mean = -1.754375
std = 50.422288
RMS = 49.876878
-------------------------------------------------------
***Row Num = 299
Min = -255.880000
Max = 91.500000
Mean = -1.754375
std = 50.422288
RMS = 49.876878
-------------------------------------------------------
***Row Num = 300
Min = -255.880000
Max = 91.500000
Mean = -1.754375
```

```
std = 50.422288
RMS = 49.876878
---------------------------------------------------------
***Row Num = 301
Min = 2.824100
Max = 2.921000
Mean = 2.866855
std = 0.023132
RMS = 2.866946
---------------------------------------------------------
***Row Num = 302
Min = 3.095100
Max = 3.159200
Mean = 3.130555
std = 0.024352
RMS = 3.130647
---------------------------------------------------------
***Row Num = 303
Min = 7.396200
Max = 7.555200
Mean = 7.483961
std = 0.046400
RMS = 7.484102
---------------------------------------------------------
***Row Num = 304
Min = 6.327400
Max = 7.773300
Mean = 7.009595
std = 0.418968
RMS = 7.021821
---------------------------------------------------------
***Row Num = 305
Min = 2.859600
Max = 5.973100
Mean = 4.283382
std = 1.413920
RMS = 4.505673
---------------------------------------------------------
***Row Num = 306
Min = 0.268200
Max = 9.914300
Mean = 5.048390
std = 4.051488
RMS = 6.444202
---------------------------------------------------------
***Row Num = 307
Min = 0.885250
Max = 0.970210
Mean = 0.927790
std = 0.014980
```

```
RMS = 0.927908
--------------------------------------------------------
***Row Num = 308
Min = -0.531740
Max = -0.192380
Mean = -0.363492
std = 0.057688
RMS = 0.367939
--------------------------------------------------------
***Row Num = 309
Min = 0.040039
Max = 0.123050
Mean = 0.075096
std = 0.017150
RMS = 0.076986
--------------------------------------------------------
***Row Num = 310
Min = -1.090300
Max = 1.526400
Mean = 0.473358
std = 0.655491
RMS = 0.802478
--------------------------------------------------------
***Row Num = 311
Min = 0.044922
Max = 0.908690
Mean = 0.449351
std = 0.234681
RMS = 0.505708
--------------------------------------------------------
***Row Num = 312
Min = -0.930180
Max = 0.974120
Mean = 0.295244
std = 0.379830
RMS = 0.477662
--------------------------------------------------------
***Row Num = 313
Min = -5.000000
Max = 1.000000
Mean = -1.409091
std = 1.127215
RMS = 1.796461
--------------------------------------------------------
***Row Num = 314
Min = -3.000000
Max = 1.000000
Mean = -1.022727
std = 1.045225
RMS = 1.453835
```

```
--------------------------------------------------------
***Row Num = 315
Min = -3.000000
Max = 1.000000
Mean = -1.068182
std = 0.925045
RMS = 1.406155
--------------------------------------------------------
***Row Num = 316
Min = -3.000000
Max = 0.000000
Mean = -0.977273
std = 0.820908
RMS = 1.270290
--------------------------------------------------------
***Row Num = 317
Min = -3.000000
Max = 1.000000
Mean = -1.159091
std = 0.986966
RMS = 1.515076
--------------------------------------------------------
***Row Num = 318
Min = -4.000000
Max = 1.000000
Mean = -1.250000
std = 1.037102
RMS = 1.616674
--------------------------------------------------------
***Row Num = 319
Min = -6.000000
Max = 2.000000
Mean = -0.977273
std = 1.861340
RMS = 2.083485
--------------------------------------------------------
***Row Num = 320
Min = -3.000000
Max = 1.000000
Mean = -1.068182
std = 0.997619
RMS = 1.453835
--------------------------------------------------------
***Row Num = 321
Min = -68.000000
Max = 62.000000
Mean = 2.227273
std = 22.525297
RMS = 22.378967
--------------------------------------------------------
```

```
***Row Num = 322
Min = -19.000000
Max = 22.000000
Mean = 1.272727
std = 8.524557
RMS = 8.522697
--------------------------------------------------------
***Row Num = 323
Min = -32.000000
Max = 34.000000
Mean = 1.113636
std = 9.781843
RMS = 9.733961
--------------------------------------------------------
***Row Num = 324
Min = -32.000000
Max = 39.000000
Mean = -2.136364
std = 9.350018
RMS = 9.486833
--------------------------------------------------------
***Row Num = 325
Min = -86.000000
Max = 106.000000
Mean = -3.613636
std = 25.523556
RMS = 25.489303
--------------------------------------------------------
***Row Num = 326
Min = -23.000000
Max = 44.000000
Mean = 0.000000
std = 9.941690
RMS = 9.828067
--------------------------------------------------------
***Row Num = 327
Min = -36.000000
Max = 26.000000
Mean = 0.704545
std = 9.675141
RMS = 9.590478
--------------------------------------------------------
***Row Num = 328
Min = -41.000000
Max = 22.000000
Mean = -1.068182
std = 11.447347
RMS = 11.366818
--------------------------------------------------------
***Row Num = 329
```

```
Min = -41.438000
Max = 26.313000
Mean = -0.465932
std = 11.368794
RMS = 11.248515
--------------------------------------------------------
***Row Num = 330
Min = -41.438000
Max = 26.313000
Mean = -0.465932
std = 11.368794
RMS = 11.248515
--------------------------------------------------------
***Row Num = 331
Min = -41.438000
Max = 26.313000
Mean = -0.465932
std = 11.368794
RMS = 11.248515
--------------------------------------------------------
***Row Num = 332
Min = -44.188000
Max = 88.813000
Mean = -0.714523
std = 26.728355
RMS = 26.432537
--------------------------------------------------------
***Row Num = 333
Min = -44.188000
Max = 88.813000
Mean = -0.714523
std = 26.728355
RMS = 26.432537
--------------------------------------------------------
***Row Num = 334
Min = -44.188000
Max = 88.813000
Mean = -0.714523
std = 26.728355
RMS = 26.432537
--------------------------------------------------------
***Row Num = 335
Min = 2.787100
Max = 2.869500
Mean = 2.833030
std = 0.015948
RMS = 2.833073
--------------------------------------------------------
***Row Num = 336
Min = 3.086300
```

```
Max = 3.122500
Mean = 3.101827
std = 0.009556
RMS = 3.101842
--------------------------------------------------------
***Row Num = 337
Min = 7.487900
Max = 7.580200
Mean = 7.544134
std = 0.018792
RMS = 7.544157
--------------------------------------------------------
***Row Num = 338
Min = 6.391900
Max = 7.358500
Mean = 6.861532
std = 0.244794
RMS = 6.865798
--------------------------------------------------------
***Row Num = 339
Min = 2.927700
Max = 5.960500
Mean = 4.030650
std = 1.318385
RMS = 4.236127
--------------------------------------------------------
***Row Num = 340
Min = 0.342270
Max = 9.845900
Mean = 5.771804
std = 4.186193
RMS = 7.102088
--------------------------------------------------------
***Row Num = 341
Min = 0.885740
Max = 0.971190
Mean = 0.926869
std = 0.016359
RMS = 0.927010
--------------------------------------------------------
***Row Num = 342
Min = -0.494630
Max = -0.286620
Mean = -0.364357
std = 0.036705
RMS = 0.366160
--------------------------------------------------------
***Row Num = 343
Min = 0.024902
Max = 0.114260
```

```
Mean = 0.073719
std = 0.017184
RMS = 0.075651
---------------------------------------------------------
***Row Num = 344
Min = -0.757320
Max = 1.519500
Mean = 0.351018
std = 0.705568
RMS = 0.780849
---------------------------------------------------------
***Row Num = 345
Min = 0.143070
Max = 0.973630
Mean = 0.511187
std = 0.240660
RMS = 0.563838
---------------------------------------------------------
***Row Num = 346
Min = -0.669430
Max = 1.044900
Mean = 0.201416
std = 0.403219
RMS = 0.446608
---------------------------------------------------------
***Row Num = 347
Min = -3.000000
Max = 1.000000
Mean = -1.090909
std = 0.884444
RMS = 1.398051
---------------------------------------------------------
***Row Num = 348
Min = -3.000000
Max = 1.000000
Mean = -1.227273
std = 1.053535
RMS = 1.609630
---------------------------------------------------------
***Row Num = 349
Min = -3.000000
Max = 0.000000
Mean = -1.386364
std = 0.945391
RMS = 1.671961
---------------------------------------------------------
***Row Num = 350
Min = -4.000000
Max = 2.000000
Mean = -1.113636
```

```
std = 1.082974
RMS = 1.544786
---------------------------------------------------------
***Row Num = 351
Min = -3.000000
Max = 1.000000
Mean = -0.863636
std = 1.090997
RMS = 1.381699
---------------------------------------------------------
***Row Num = 352
Min = -3.000000
Max = 3.000000
Mean = -0.750000
std = 1.081020
RMS = 1.305582
---------------------------------------------------------
***Row Num = 353
Min = -5.000000
Max = 2.000000
Mean = -0.659091
std = 1.724558
RMS = 1.827815
---------------------------------------------------------
***Row Num = 354
Min = -25.000000
Max = 3.000000
Mean = -1.613636
std = 3.865265
RMS = 4.147836
---------------------------------------------------------
***Row Num = 355
Min = -104.000000
Max = 52.000000
Mean = -0.750000
std = 28.522635
RMS = 28.206624
---------------------------------------------------------
***Row Num = 356
Min = -35.000000
Max = 26.000000
Mean = -0.909091
std = 10.593588
RMS = 10.511898
---------------------------------------------------------
***Row Num = 357
Min = -35.000000
Max = 71.000000
Mean = 0.159091
std = 15.071833
```

```
RMS = 14.900427
---------------------------------------------------------
***Row Num = 358
Min = -27.000000
Max = 31.000000
Mean = -1.681818
std = 10.659143
RMS = 10.670691
---------------------------------------------------------
***Row Num = 359
Min = -115.000000
Max = 103.000000
Mean = -2.681818
std = 36.313091
RMS = 35.998106
---------------------------------------------------------
***Row Num = 360
Min = -42.000000
Max = 28.000000
Mean = -2.113636
std = 14.116156
RMS = 14.113984
---------------------------------------------------------
***Row Num = 361
Min = -31.000000
Max = 36.000000
Mean = -0.772727
std = 12.411292
RMS = 12.293753
---------------------------------------------------------
***Row Num = 362
Min = -57.000000
Max = 29.000000
Mean = -0.613636
std = 15.341411
RMS = 15.178484
---------------------------------------------------------
***Row Num = 363
Min = -37.000000
Max = 36.563000
Mean = 0.117920
std = 10.361571
RMS = 10.243828
---------------------------------------------------------
***Row Num = 364
Min = -37.000000
Max = 36.563000
Mean = 0.117920
std = 10.361571
RMS = 10.243828
```

```
--------------------------------------------------------
***Row Num = 365
Min = -37.000000
Max = 36.563000
Mean = 0.117920
std = 10.361571
RMS = 10.243828
--------------------------------------------------------
***Row Num = 366
Min = -50.313000
Max = 82.375000
Mean = 0.627795
std = 29.057984
RMS = 28.732741
--------------------------------------------------------
***Row Num = 367
Min = -50.313000
Max = 82.375000
Mean = 0.627795
std = 29.057984
RMS = 28.732741
--------------------------------------------------------
***Row Num = 368
Min = -50.313000
Max = 82.375000
Mean = 0.627795
std = 29.057984
RMS = 28.732741
--------------------------------------------------------
***Row Num = 369
Min = 2.756300
Max = 2.839100
Mean = 2.809193
std = 0.022661
RMS = 2.809283
--------------------------------------------------------
***Row Num = 370
Min = 3.083000
Max = 3.126300
Mean = 3.104400
std = 0.014331
RMS = 3.104432
--------------------------------------------------------
***Row Num = 371
Min = 7.512600
Max = 7.571400
Mean = 7.538850
std = 0.015346
RMS = 7.538865
--------------------------------------------------------
```

```
***Row Num = 372
Min = 6.355400
Max = 7.571200
Mean = 6.938848
std = 0.373904
RMS = 6.948686
--------------------------------------------------------
***Row Num = 373
Min = 2.868700
Max = 5.943900
Mean = 4.207305
std = 1.366375
RMS = 4.418819
--------------------------------------------------------
***Row Num = 374
Min = 0.252770
Max = 9.945900
Mean = 5.133816
std = 4.046080
RMS = 6.508054
--------------------------------------------------------
***Row Num = 375
Min = 0.892090
Max = 0.969240
Mean = 0.926270
std = 0.014708
RMS = 0.926384
--------------------------------------------------------
***Row Num = 376
Min = -0.520020
Max = -0.219240
Mean = -0.366577
std = 0.046535
RMS = 0.369452
--------------------------------------------------------
***Row Num = 377
Min = 0.039551
Max = 0.120120
Mean = 0.067871
std = 0.018518
RMS = 0.070297
--------------------------------------------------------
***Row Num = 378
Min = -0.898930
Max = 0.749020
Mean = -0.420077
std = 0.358770
RMS = 0.549778
--------------------------------------------------------
***Row Num = 379
```

```
Min = 0.577150
Max = 0.875980
Mean = 0.681075
std = 0.061190
RMS = 0.683756
--------------------------------------------------------
***Row Num = 380
Min = 0.283200
Max = 0.801270
Mean = 0.458752
std = 0.120170
RMS = 0.473884
--------------------------------------------------------
***Row Num = 381
Min = -6.000000
Max = 1.000000
Mean = -0.931818
std = 1.264869
RMS = 1.559429
--------------------------------------------------------
***Row Num = 382
Min = -3.000000
Max = 1.000000
Mean = -1.181818
std = 0.994701
RMS = 1.537412
--------------------------------------------------------
***Row Num = 383
Min = -4.000000
Max = 5.000000
Mean = -1.386364
std = 1.714723
RMS = 2.189853
--------------------------------------------------------
***Row Num = 384
Min = -4.000000
Max = 1.000000
Mean = -1.431818
std = 1.208453
RMS = 1.864745
--------------------------------------------------------
***Row Num = 385
Min = -3.000000
Max = 1.000000
Mean = -1.045455
std = 0.938939
RMS = 1.398051
--------------------------------------------------------
***Row Num = 386
Min = -3.000000
```

```
Max = 1.000000
Mean = -0.886364
std = 0.945391
RMS = 1.288057
--------------------------------------------------------
***Row Num = 387
Min = -5.000000
Max = 2.000000
Mean = -0.795455
std = 1.607823
RMS = 1.777383
--------------------------------------------------------
***Row Num = 388
Min = -4.000000
Max = 2.000000
Mean = -0.727273
std = 1.468485
RMS = 1.623688
--------------------------------------------------------
***Row Num = 389
Min = -46.000000
Max = 48.000000
Mean = 2.500000
std = 19.700667
RMS = 19.635311
--------------------------------------------------------
***Row Num = 390
Min = -22.000000
Max = 50.000000
Mean = 0.590909
std = 10.664695
RMS = 10.559356
--------------------------------------------------------
***Row Num = 391
Min = -20.000000
Max = 20.000000
Mean = -0.954545
std = 6.907881
RMS = 6.895321
--------------------------------------------------------
***Row Num = 392
Min = -34.000000
Max = 23.000000
Mean = -3.136364
std = 11.788033
RMS = 12.067989
--------------------------------------------------------
***Row Num = 393
Min = -58.000000
Max = 103.000000
```

```
Mean = 0.840909
std = 31.715262
RMS = 31.364065
--------------------------------------------------------
***Row Num = 394
Min = -28.000000
Max = 32.000000
Mean = 0.250000
std = 10.631513
RMS = 10.512979
--------------------------------------------------------
***Row Num = 395
Min = -25.000000
Max = 20.000000
Mean = -0.659091
std = 7.581934
RMS = 7.524203
--------------------------------------------------------
***Row Num = 396
Min = -28.000000
Max = 21.000000
Mean = -0.181818
std = 10.216887
RMS = 10.101755
--------------------------------------------------------
***Row Num = 397
Min = -15.188000
Max = 13.500000
Mean = -0.563955
std = 6.471141
RMS = 6.421993
--------------------------------------------------------
***Row Num = 398
Min = -15.188000
Max = 13.500000
Mean = -0.563955
std = 6.471141
RMS = 6.421993
--------------------------------------------------------
***Row Num = 399
Min = -15.188000
Max = 13.500000
Mean = -0.563955
std = 6.471141
RMS = 6.421993
--------------------------------------------------------
***Row Num = 400
Min = -66.500000
Max = 42.125000
Mean = 0.008534
```

```
std = 16.867762
RMS = 16.674983
--------------------------------------------------------
***Row Num = 401
Min = -66.500000
Max = 42.125000
Mean = 0.008534
std = 16.867762
RMS = 16.674983
--------------------------------------------------------
***Row Num = 402
Min = -66.500000
Max = 42.125000
Mean = 0.008534
std = 16.867762
RMS = 16.674983
--------------------------------------------------------
***Row Num = 403
Min = 2.743500
Max = 2.846800
Mean = 2.781255
std = 0.026940
RMS = 2.781382
--------------------------------------------------------
***Row Num = 404
Min = 3.095800
Max = 3.124700
Mean = 3.106161
std = 0.007654
RMS = 3.106171
--------------------------------------------------------
***Row Num = 405
Min = 7.409700
Max = 7.485600
Mean = 7.442105
std = 0.022081
RMS = 7.442137
--------------------------------------------------------
***Row Num = 406
Min = 6.199100
Max = 6.791500
Mean = 6.633677
std = 0.148761
RMS = 6.635307
--------------------------------------------------------
***Row Num = 407
Min = 3.673400
Max = 6.115100
Mean = 5.793164
std = 0.575730
```

```
RMS = 5.821055
---------------------------------------------------------
***Row Num = 408
Min = 0.387800
Max = 1.874000
Mean = 1.549292
std = 0.401289
RMS = 1.599274
---------------------------------------------------------
***Row Num = 409
Min = 0.901370
Max = 0.960450
Mean = 0.927135
std = 0.012318
RMS = 0.927215
---------------------------------------------------------
***Row Num = 410
Min = -0.471190
Max = -0.273440
Mean = -0.358332
std = 0.034922
RMS = 0.359991
---------------------------------------------------------
***Row Num = 411
Min = 0.028809
Max = 0.119140
Mean = 0.069902
std = 0.016482
RMS = 0.071776
---------------------------------------------------------
***Row Num = 412
Min = -0.692380
Max = 1.122600
Mean = -0.005159
std = 0.578972
RMS = 0.572378
---------------------------------------------------------
***Row Num = 413
Min = 0.228030
Max = 0.985350
Mean = 0.629372
std = 0.162835
RMS = 0.649632
---------------------------------------------------------
***Row Num = 414
Min = -0.113770
Max = 0.903320
Mean = 0.491999
std = 0.212894
RMS = 0.535123
```

```
--------------------------------------------------------
***Row Num = 415
Min = -3.000000
Max = 1.000000
Mean = -0.977273
std = 0.952076
RMS = 1.356801
--------------------------------------------------------
***Row Num = 416
Min = -3.000000
Max = 1.000000
Mean = -0.795455
std = 0.954294
RMS = 1.233988
--------------------------------------------------------
***Row Num = 417
Min = -3.000000
Max = 2.000000
Mean = -1.113636
std = 1.016513
RMS = 1.500000
--------------------------------------------------------
***Row Num = 418
Min = -3.000000
Max = 2.000000
Mean = -1.022727
std = 1.171138
RMS = 1.544786
--------------------------------------------------------
***Row Num = 419
Min = -3.000000
Max = 1.000000
Mean = -1.227273
std = 1.031225
RMS = 1.595448
--------------------------------------------------------
***Row Num = 420
Min = -4.000000
Max = 2.000000
Mean = -1.454545
std = 1.337379
RMS = 1.965613
--------------------------------------------------------
***Row Num = 421
Min = -4.000000
Max = 3.000000
Mean = -1.000000
std = 1.613893
RMS = 1.882938
--------------------------------------------------------
```

```
***Row Num = 422
Min = -5.000000
Max = 1.000000
Mean = -1.386364
std = 1.481921
RMS = 2.016973
---------------------------------------------------------
***Row Num = 423
Min = -72.000000
Max = 47.000000
Mean = 3.227273
std = 24.555456
RMS = 24.488402
---------------------------------------------------------
***Row Num = 424
Min = -26.000000
Max = 22.000000
Mean = 0.181818
std = 10.510842
RMS = 10.392305
---------------------------------------------------------
***Row Num = 425
Min = -73.000000
Max = 15.000000
Mean = -3.545455
std = 12.926365
RMS = 13.261359
---------------------------------------------------------
***Row Num = 426
Min = -31.000000
Max = 64.000000
Mean = 1.886364
std = 15.520753
RMS = 15.458890
---------------------------------------------------------
***Row Num = 427
Min = -128.000000
Max = 85.000000
Mean = -8.522727
std = 41.506227
RMS = 41.907637
---------------------------------------------------------
***Row Num = 428
Min = -31.000000
Max = 25.000000
Mean = -2.295455
std = 12.390130
RMS = 12.461760
---------------------------------------------------------
***Row Num = 429
```

```
Min = -12.000000
Max = 22.000000
Mean = -0.477273
std = 5.868674
RMS = 5.821200
---------------------------------------------------------
***Row Num = 430
Min = -22.000000
Max = 26.000000
Mean = -1.272727
std = 9.112638
RMS = 9.097952
---------------------------------------------------------
***Row Num = 431
Min = -20.313000
Max = 24.625000
Mean = -0.203148
std = 8.322091
RMS = 8.229486
---------------------------------------------------------
***Row Num = 432
Min = -20.313000
Max = 24.625000
Mean = -0.203148
std = 8.322091
RMS = 8.229486
---------------------------------------------------------
***Row Num = 433
Min = -20.313000
Max = 24.625000
Mean = -0.203148
std = 8.322091
RMS = 8.229486
---------------------------------------------------------
***Row Num = 434
Min = -59.875000
Max = 82.938000
Mean = 2.164841
std = 26.165276
RMS = 25.956669
---------------------------------------------------------
***Row Num = 435
Min = -59.875000
Max = 82.938000
Mean = 2.164841
std = 26.165276
RMS = 25.956669
---------------------------------------------------------
***Row Num = 436
Min = -59.875000
```

```
Max = 82.938000
Mean = 2.164841
std = 26.165276
RMS = 25.956669
--------------------------------------------------------
***Row Num = 437
Min = 2.776700
Max = 2.844800
Mean = 2.807732
std = 0.016940
RMS = 2.807782
--------------------------------------------------------
***Row Num = 438
Min = 3.076500
Max = 3.113200
Mean = 3.100341
std = 0.007490
RMS = 3.100350
--------------------------------------------------------
***Row Num = 439
Min = 7.398000
Max = 7.466500
Mean = 7.429177
std = 0.016191
RMS = 7.429195
--------------------------------------------------------
***Row Num = 440
Min = 6.275200
Max = 7.308200
Mean = 6.602318
std = 0.288719
RMS = 6.608485
--------------------------------------------------------
***Row Num = 441
Min = 2.915400
Max = 5.769800
Mean = 4.994530
std = 1.103129
RMS = 5.112197
--------------------------------------------------------
***Row Num = 442
Min = 0.302360
Max = 9.836000
Mean = 2.847930
std = 3.165021
RMS = 4.230886
--------------------------------------------------------
***Row Num = 443
Min = 0.868160
Max = 1.013700
```

```
Mean = 0.933572
std = 0.027464
RMS = 0.933967
--------------------------------------------------------
***Row Num = 444
Min = -0.527340
Max = -0.293460
Mean = -0.343873
std = 0.042753
RMS = 0.346460
--------------------------------------------------------
***Row Num = 445
Min = -0.009766
Max = 0.167480
Mean = 0.080566
std = 0.038138
RMS = 0.088951
--------------------------------------------------------
***Row Num = 446
Min = -0.863280
Max = 1.548300
Mean = 0.658025
std = 0.578993
RMS = 0.872130
--------------------------------------------------------
***Row Num = 447
Min = 0.068359
Max = 0.898930
Mean = 0.347700
std = 0.217850
RMS = 0.408993
--------------------------------------------------------
***Row Num = 448
Min = -1.036100
Max = 1.002400
Mean = 0.207708
std = 0.353353
RMS = 0.406403
--------------------------------------------------------
***Row Num = 449
Min = -14.000000
Max = 7.000000
Mean = -1.250000
std = 3.328000
RMS = 3.519427
--------------------------------------------------------
***Row Num = 450
Min = -15.000000
Max = 17.000000
Mean = -1.977273
```

```
std = 5.027777
RMS = 5.349172
--------------------------------------------------------
***Row Num = 451
Min = -5.000000
Max = 1.000000
Mean = -1.113636
std = 1.145586
RMS = 1.588310
--------------------------------------------------------
***Row Num = 452
Min = -4.000000
Max = 3.000000
Mean = -0.954545
std = 1.429824
RMS = 1.705606
--------------------------------------------------------
***Row Num = 453
Min = -3.000000
Max = 3.000000
Mean = -0.795455
std = 1.192604
RMS = 1.422226
--------------------------------------------------------
***Row Num = 454
Min = -3.000000
Max = 4.000000
Mean = -0.500000
std = 1.338170
RMS = 1.414214
--------------------------------------------------------
***Row Num = 455
Min = -37.000000
Max = 21.000000
Mean = -0.659091
std = 7.560433
RMS = 7.503030
--------------------------------------------------------
***Row Num = 456
Min = -7.000000
Max = 4.000000
Mean = -0.750000
std = 2.190094
RMS = 2.291288
--------------------------------------------------------
***Row Num = 457
Min = -60.000000
Max = 33.000000
Mean = -1.863636
std = 16.854495
```

```
RMS = 16.765766
---------------------------------------------------------
***Row Num = 458
Min = -27.000000
Max = 17.000000
Mean = -0.318182
std = 6.504999
RMS = 6.438520
---------------------------------------------------------
***Row Num = 459
Min = -22.000000
Max = 26.000000
Mean = -1.136364
std = 6.980341
RMS = 6.993503
---------------------------------------------------------
***Row Num = 460
Min = -54.000000
Max = 42.000000
Mean = -0.340909
std = 11.763054
RMS = 11.633611
---------------------------------------------------------
***Row Num = 461
Min = -128.000000
Max = 52.000000
Mean = -6.613636
std = 28.608192
RMS = 29.044245
---------------------------------------------------------
***Row Num = 462
Min = -14.000000
Max = 25.000000
Mean = 0.636364
std = 7.237149
RMS = 7.182681
---------------------------------------------------------
***Row Num = 463
Min = -17.000000
Max = 30.000000
Mean = -0.409091
std = 7.598403
RMS = 7.522693
---------------------------------------------------------
***Row Num = 464
Min = -36.000000
Max = 52.000000
Mean = -0.159091
std = 13.419776
RMS = 13.267356
```

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--------------------------------------------------------
***Row Num = 465
Min = -39.875000
Max = 52.438000
Mean = -1.887784
std = 15.018805
RMS = 14.966688
--------------------------------------------------------
***Row Num = 466
Min = -39.875000
Max = 52.438000
Mean = -1.887784
std = 15.018805
RMS = 14.966688
--------------------------------------------------------
***Row Num = 467
Min = -39.875000
Max = 52.438000
Mean = -1.887784
std = 15.018805
RMS = 14.966688
--------------------------------------------------------
***Row Num = 468
Min = -130.750000
Max = 153.000000
Mean = -8.788420
std = 41.706886
RMS = 42.156464
--------------------------------------------------------
***Row Num = 469
Min = -130.750000
Max = 153.000000
Mean = -8.788420
std = 41.706886
RMS = 42.156464
--------------------------------------------------------
***Row Num = 470
Min = -130.750000
Max = 153.000000
Mean = -8.788420
std = 41.706886
RMS = 42.156464
--------------------------------------------------------
***Row Num = 471
Min = 2.701800
Max = 3.026900
Mean = 2.839102
std = 0.088801
RMS = 2.840459
--------------------------------------------------------
```

```
***Row Num = 472
Min = 3.017700
Max = 3.157100
Mean = 3.064541
std = 0.047617
RMS = 3.064902
---------------------------------------------------------
***Row Num = 473
Min = 6.701700
Max = 6.986200
Mean = 6.833041
std = 0.067184
RMS = 6.833364
---------------------------------------------------------
***Row Num = 474
Min = 6.216900
Max = 7.677700
Mean = 6.929014
std = 0.363519
RMS = 6.938326
---------------------------------------------------------
***Row Num = 475
Min = 2.786100
Max = 5.995300
Mean = 3.566786
std = 1.249831
RMS = 3.774724
---------------------------------------------------------
***Row Num = 476
Min = 0.414480
Max = 9.846300
Mean = 7.168093
std = 3.667342
RMS = 8.032763
---------------------------------------------------------
***Row Num = 477
Min = 0.877930
Max = 1.030800
Mean = 0.935526
std = 0.027211
RMS = 0.935913
---------------------------------------------------------
***Row Num = 478
Min = -0.489260
Max = -0.162110
Mean = -0.329901
std = 0.056724
RMS = 0.334633
---------------------------------------------------------
***Row Num = 479
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```
Min = 0.022949
Max = 0.124020
Mean = 0.066073
std = 0.024863
RMS = 0.070497
--------------------------------------------------------
***Row Num = 480
Min = -1.222200
Max = 1.699700
Mean = 0.356201
std = 0.705269
RMS = 0.782930
--------------------------------------------------------
***Row Num = 481
Min = 0.174800
Max = 0.930660
Mean = 0.453813
std = 0.254261
RMS = 0.518773
--------------------------------------------------------
***Row Num = 482
Min = -0.418950
Max = 1.569800
Mean = 0.288873
std = 0.400276
RMS = 0.489926
--------------------------------------------------------
***Row Num = 483
Min = -5.000000
Max = 4.000000
Mean = -1.386364
std = 1.754939
RMS = 2.220770
--------------------------------------------------------
***Row Num = 484
Min = -5.000000
Max = 5.000000
Mean = -1.363636
std = 1.657834
RMS = 2.132007
--------------------------------------------------------
***Row Num = 485
Min = -3.000000
Max = 1.000000
Mean = -1.204545
std = 0.978360
RMS = 1.544786
--------------------------------------------------------
***Row Num = 486
Min = -3.000000
```

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Max = 3.000000
Mean = -1.068182
std = 1.020664
RMS = 1.469385
--------------------------------------------------------
***Row Num = 487
Min = -4.000000
Max = 1.000000
Mean = -1.204545
std = 1.172942
RMS = 1.671961
--------------------------------------------------------
***Row Num = 488
Min = -8.000000
Max = 1.000000
Mean = -0.954545
std = 1.790862
RMS = 2.011332
--------------------------------------------------------
***Row Num = 489
Min = -5.000000
Max = 10.000000
Mean = -1.204545
std = 2.464441
RMS = 2.717787
--------------------------------------------------------
***Row Num = 490
Min = -5.000000
Max = 2.000000
Mean = -1.545455
std = 1.634718
RMS = 2.236068
--------------------------------------------------------
***Row Num = 491
Min = -64.000000
Max = 35.000000
Mean = -7.590909
std = 23.512805
RMS = 24.452180
--------------------------------------------------------
***Row Num = 492
Min = -25.000000
Max = 20.000000
Mean = -2.477273
std = 9.848831
RMS = 10.046483
--------------------------------------------------------
***Row Num = 493
Min = -32.000000
Max = 32.000000
```

```
Mean = 0.090909
std = 9.658875
RMS = 9.548917
--------------------------------------------------------
***Row Num = 494
Min = -38.000000
Max = 69.000000
Mean = 1.295455
std = 14.754707
RMS = 14.643491
--------------------------------------------------------
***Row Num = 495
Min = -60.000000
Max = 99.000000
Mean = 2.159091
std = 28.915227
RMS = 28.666182
--------------------------------------------------------
***Row Num = 496
Min = -26.000000
Max = 19.000000
Mean = -0.545455
std = 7.842800
RMS = 7.772329
--------------------------------------------------------
***Row Num = 497
Min = -21.000000
Max = 23.000000
Mean = 0.340909
std = 8.618377
RMS = 8.526696
--------------------------------------------------------
***Row Num = 498
Min = -21.000000
Max = 42.000000
Mean = -1.000000
std = 10.304661
RMS = 10.235855
--------------------------------------------------------
***Row Num = 499
Min = -41.563000
Max = 31.438000
Mean = -1.603693
std = 15.248485
RMS = 15.159277
--------------------------------------------------------
***Row Num = 500
Min = -41.563000
Max = 31.438000
Mean = -1.603693
```

```
std = 15.248485
RMS = 15.159277
---------------------------------------------------------
***Row Num = 501
Min = -41.563000
Max = 31.438000
Mean = -1.603693
std = 15.248485
RMS = 15.159277
---------------------------------------------------------
***Row Num = 502
Min = -118.880000
Max = 58.063000
Mean = -6.507227
std = 28.006804
RMS = 28.441136
---------------------------------------------------------
***Row Num = 503
Min = -118.880000
Max = 58.063000
Mean = -6.507227
std = 28.006804
RMS = 28.441136
---------------------------------------------------------
***Row Num = 504
Min = -118.880000
Max = 58.063000
Mean = -6.507227
std = 28.006804
RMS = 28.441136
---------------------------------------------------------
***Row Num = 505
Min = 2.761400
Max = 2.876400
Mean = 2.806034
std = 0.022520
RMS = 2.806122
---------------------------------------------------------
***Row Num = 506
Min = 3.026300
Max = 3.094600
Mean = 3.054891
std = 0.021999
RMS = 3.054968
---------------------------------------------------------
***Row Num = 507
Min = 6.537400
Max = 6.688100
Mean = 6.636027
std = 0.048595
```

```
RMS = 6.636201
---------------------------------------------------------
***Row Num = 508
Min = 6.309400
Max = 7.234100
Mean = 6.809775
std = 0.260885
RMS = 6.814657
---------------------------------------------------------
***Row Num = 509
Min = 2.806300
Max = 5.926100
Mean = 4.188780
std = 1.438815
RMS = 4.423688
---------------------------------------------------------
***Row Num = 510
Min = 0.390240
Max = 9.807100
Mean = 5.506040
std = 4.213740
RMS = 6.904241
---------------------------------------------------------
***Row Num = 511
Min = 0.888180
Max = 0.991210
Mean = 0.939863
std = 0.018835
RMS = 0.940048
---------------------------------------------------------
***Row Num = 512
Min = -0.480960
Max = -0.240720
Mean = -0.325872
std = 0.035717
RMS = 0.327779
---------------------------------------------------------
***Row Num = 513
Min = 0.017090
Max = 0.146480
Mean = 0.070246
std = 0.025757
RMS = 0.074718
---------------------------------------------------------
***Row Num = 514
Min = -0.958980
Max = 1.583000
Mean = 0.378184
std = 0.717455
RMS = 0.803783
```

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----------------------------------------------------------
***Row Num = 515
Min = 0.137700
Max = 0.784670
Mean = 0.445247
std = 0.218598
RMS = 0.494918
----------------------------------------------------------
***Row Num = 516
Min = -1.244100
Max = 0.834470
Mean = 0.259600
std = 0.401007
RMS = 0.473861
----------------------------------------------------------
***Row Num = 517
Min = -4.000000
Max = 3.000000
Mean = -1.568182
std = 1.370753
RMS = 2.072548
----------------------------------------------------------
***Row Num = 518
Min = -5.000000
Max = 2.000000
Mean = -1.363636
std = 1.432040
RMS = 1.965613
----------------------------------------------------------
***Row Num = 519
Min = -4.000000
Max = 1.000000
Mean = -1.204545
std = 1.090755
RMS = 1.616674
----------------------------------------------------------
***Row Num = 520
Min = -3.000000
Max = 1.000000
Mean = -0.931818
std = 0.949853
RMS = 1.322876
----------------------------------------------------------
***Row Num = 521
Min = -3.000000
Max = 1.000000
Mean = -0.931818
std = 0.899554
RMS = 1.288057
----------------------------------------------------------
```

```
***Row Num = 522
Min = -3.000000
Max = 2.000000
Mean = -1.068182
std = 1.108062
RMS = 1.530003
--------------------------------------------------------
***Row Num = 523
Min = -7.000000
Max = 4.000000
Mean = -0.818182
std = 2.014745
RMS = 2.153222
--------------------------------------------------------
***Row Num = 524
Min = -5.000000
Max = 2.000000
Mean = -1.045455
std = 1.584144
RMS = 1.882938
--------------------------------------------------------
***Row Num = 525
Min = -57.000000
Max = 43.000000
Mean = -1.931818
std = 22.354852
RMS = 22.183634
--------------------------------------------------------
***Row Num = 526
Min = -20.000000
Max = 23.000000
Mean = -1.204545
std = 7.672299
RMS = 7.679666
--------------------------------------------------------
***Row Num = 527
Min = -11.000000
Max = 76.000000
Mean = 0.863636
std = 12.250469
RMS = 12.141215
--------------------------------------------------------
***Row Num = 528
Min = -24.000000
Max = 91.000000
Mean = -0.068182
std = 19.125531
RMS = 18.907069
--------------------------------------------------------
***Row Num = 529
```

```
Min = -58.000000
Max = 114.000000
Mean = -1.886364
std = 21.803793
RMS = 21.636984
--------------------------------------------------------
***Row Num = 530
Min = -18.000000
Max = 25.000000
Mean = -1.022727
std = 7.537468
RMS = 7.521182
--------------------------------------------------------
***Row Num = 531
Min = -20.000000
Max = 28.000000
Mean = 0.386364
std = 7.856906
RMS = 7.776713
--------------------------------------------------------
***Row Num = 532
Min = -18.000000
Max = 28.000000
Mean = -1.363636
std = 8.802988
RMS = 8.808570
--------------------------------------------------------
***Row Num = 533
Min = -36.625000
Max = 46.938000
Mean = -0.407670
std = 12.355768
RMS = 12.221356
--------------------------------------------------------
***Row Num = 534
Min = -36.625000
Max = 46.938000
Mean = -0.407670
std = 12.355768
RMS = 12.221356
--------------------------------------------------------
***Row Num = 535
Min = -36.625000
Max = 46.938000
Mean = -0.407670
std = 12.355768
RMS = 12.221356
--------------------------------------------------------
***Row Num = 536
Min = -63.625000
```

```
Max = 79.875000
Mean = 0.315364
std = 23.171215
RMS = 22.908563
--------------------------------------------------------
***Row Num = 537
Min = -63.625000
Max = 79.875000
Mean = 0.315364
std = 23.171215
RMS = 22.908563
--------------------------------------------------------
***Row Num = 538
Min = -63.625000
Max = 79.875000
Mean = 0.315364
std = 23.171215
RMS = 22.908563
--------------------------------------------------------
***Row Num = 539
Min = 2.766200
Max = 2.885700
Mean = 2.828816
std = 0.030999
RMS = 2.828982
--------------------------------------------------------
***Row Num = 540
Min = 3.026400
Max = 3.060100
Mean = 3.038632
std = 0.009584
RMS = 3.038647
--------------------------------------------------------
***Row Num = 541
Min = 6.566100
Max = 6.637500
Mean = 6.595202
std = 0.017837
RMS = 6.595226
--------------------------------------------------------
***Row Num = 542
Min = 6.326500
Max = 7.406100
Mean = 6.736755
std = 0.251629
RMS = 6.741346
--------------------------------------------------------
***Row Num = 543
Min = 2.882000
Max = 5.918400
```

```
Mean = 4.171843
std = 1.376119
RMS = 4.388045
---------------------------------------------------------
***Row Num = 544
Min = 0.440670
Max = 9.787400
Mean = 5.498981
std = 4.222108
RMS = 6.903611
---------------------------------------------------------
***Row Num = 545
Min = 0.866210
Max = 1.016600
Mean = 0.937855
std = 0.025904
RMS = 0.938205
---------------------------------------------------------
***Row Num = 546
Min = -0.533200
Max = -0.208010
Mean = -0.324452
std = 0.052941
RMS = 0.328646
---------------------------------------------------------
***Row Num = 547
Min = -0.003418
Max = 0.107420
Mean = 0.063809
std = 0.023983
RMS = 0.068072
---------------------------------------------------------
***Row Num = 548
Min = -1.134800
Max = 1.648400
Mean = 0.531581
std = 0.632195
RMS = 0.820466
---------------------------------------------------------
***Row Num = 549
Min = 0.053711
Max = 1.032700
Mean = 0.389226
std = 0.236223
RMS = 0.453906
---------------------------------------------------------
***Row Num = 550
Min = -1.401400
Max = 1.010700
Mean = 0.201492
```

```
std = 0.392183
RMS = 0.436933
---------------------------------------------------------
***Row Num = 551
Min = -6.000000
Max = 3.000000
Mean = -1.295455
std = 1.862476
RMS = 2.251262
---------------------------------------------------------
***Row Num = 552
Min = -6.000000
Max = 2.000000
Mean = -1.068182
std = 1.484771
RMS = 1.815339
---------------------------------------------------------
***Row Num = 553
Min = -3.000000
Max = 1.000000
Mean = -1.181818
std = 1.017812
RMS = 1.552125
---------------------------------------------------------
***Row Num = 554
Min = -4.000000
Max = 1.000000
Mean = -0.931818
std = 1.208453
RMS = 1.515076
---------------------------------------------------------
***Row Num = 555
Min = -3.000000
Max = 2.000000
Mean = -0.909091
std = 1.197248
RMS = 1.492405
---------------------------------------------------------
***Row Num = 556
Min = -4.000000
Max = 1.000000
Mean = -1.136364
std = 0.978630
RMS = 1.492405
---------------------------------------------------------
***Row Num = 557
Min = -4.000000
Max = 3.000000
Mean = -1.045455
std = 1.738143
```

```
RMS = 2.011332
--------------------------------------------------------
***Row Num = 558
Min = -6.000000
Max = 2.000000
Mean = -1.295455
std = 1.746485
RMS = 2.158493
--------------------------------------------------------
***Row Num = 559
Min = -47.000000
Max = 49.000000
Mean = -0.090909
std = 20.694700
RMS = 20.458383
--------------------------------------------------------
***Row Num = 560
Min = -25.000000
Max = 12.000000
Mean = -0.795455
std = 7.771682
RMS = 7.723930
--------------------------------------------------------
***Row Num = 561
Min = -35.000000
Max = 13.000000
Mean = -1.113636
std = 7.490198
RMS = 7.487869
--------------------------------------------------------
***Row Num = 562
Min = -72.000000
Max = 16.000000
Mean = -3.386364
std = 14.153997
RMS = 14.396180
--------------------------------------------------------
***Row Num = 563
Min = -83.000000
Max = 55.000000
Mean = -4.659091
std = 20.247243
RMS = 20.550935
--------------------------------------------------------
***Row Num = 564
Min = -51.000000
Max = 16.000000
Mean = -1.568182
std = 10.857208
RMS = 10.847078
```

```
--------------------------------------------------------
***Row Num = 565
Min = -30.000000
Max = 22.000000
Mean = -1.204545
std = 9.254991
RMS = 9.228168
--------------------------------------------------------
***Row Num = 566
Min = -30.000000
Max = 34.000000
Mean = 0.136364
std = 11.819556
RMS = 11.685267
--------------------------------------------------------
***Row Num = 567
Min = -26.438000
Max = 46.188000
Mean = 1.643466
std = 12.711834
RMS = 12.673562
--------------------------------------------------------
***Row Num = 568
Min = -26.438000
Max = 46.188000
Mean = 1.643466
std = 12.711834
RMS = 12.673562
--------------------------------------------------------
***Row Num = 569
Min = -26.438000
Max = 46.188000
Mean = 1.643466
std = 12.711834
RMS = 12.673562
--------------------------------------------------------
***Row Num = 570
Min = -124.940000
Max = 102.380000
Mean = -6.529841
std = 37.340565
RMS = 37.486899
--------------------------------------------------------
***Row Num = 571
Min = -124.940000
Max = 102.380000
Mean = -6.529841
std = 37.340565
RMS = 37.486899
--------------------------------------------------------
```

```
***Row Num = 572
Min = -124.940000
Max = 102.380000
Mean = -6.529841
std = 37.340565
RMS = 37.486899
--------------------------------------------------------
***Row Num = 573
Min = 2.763800
Max = 2.850100
Mean = 2.815448
std = 0.018664
RMS = 2.815508
--------------------------------------------------------
***Row Num = 574
Min = 3.029300
Max = 3.058100
Mean = 3.037361
std = 0.008020
RMS = 3.037372
--------------------------------------------------------
***Row Num = 575
Min = 6.509400
Max = 6.587200
Mean = 6.554355
std = 0.021153
RMS = 6.554388
--------------------------------------------------------
***Row Num = 576
Min = 6.292500
Max = 7.813800
Mean = 6.949466
std = 0.404583
RMS = 6.960966
--------------------------------------------------------
***Row Num = 577
Min = 2.813400
Max = 5.861900
Mean = 3.831505
std = 1.317956
RMS = 4.046969
--------------------------------------------------------
***Row Num = 578
Min = 0.183980
Max = 9.522200
Mean = 6.217451
std = 3.979198
RMS = 7.357367
--------------------------------------------------------
***Row Num = 579
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```
Min = 0.875000
Max = 1.045900
Mean = 0.942471
std = 0.026832
RMS = 0.942844
---------------------------------------------------------
***Row Num = 580
Min = -0.556150
Max = -0.131840
Mean = -0.320423
std = 0.065777
RMS = 0.326955
---------------------------------------------------------
***Row Num = 581
Min = -0.004394
Max = 0.138670
Mean = 0.061868
std = 0.025133
RMS = 0.066670
---------------------------------------------------------
***Row Num = 582
Min = -0.801270
Max = 1.490700
Mean = 0.496359
std = 0.649845
RMS = 0.811833
---------------------------------------------------------
***Row Num = 583
Min = -0.161130
Max = 1.017600
Mean = 0.405839
std = 0.240888
RMS = 0.470546
---------------------------------------------------------
***Row Num = 584
Min = -0.082520
Max = 0.968750
Mean = 0.288729
std = 0.280925
RMS = 0.400612
---------------------------------------------------------
***Row Num = 585
Min = -5.000000
Max = 9.000000
Mean = -0.772727
std = 1.975002
RMS = 2.099784
---------------------------------------------------------
***Row Num = 586
Min = -5.000000
```

```
Max = 2.000000
Mean = -1.295455
std = 1.390659
RMS = 1.888963
--------------------------------------------------------
***Row Num = 587
Min = -3.000000
Max = 1.000000
Mean = -1.136364
std = 1.025056
RMS = 1.522558
--------------------------------------------------------
***Row Num = 588
Min = -3.000000
Max = 0.000000
Mean = -1.090909
std = 0.830191
RMS = 1.365151
--------------------------------------------------------
***Row Num = 589
Min = -3.000000
Max = 2.000000
Mean = -1.204545
std = 1.172942
RMS = 1.671961
--------------------------------------------------------
***Row Num = 590
Min = -3.000000
Max = 2.000000
Mean = -0.795455
std = 1.024798
RMS = 1.288057
--------------------------------------------------------
***Row Num = 591
Min = -7.000000
Max = 2.000000
Mean = -1.363636
std = 1.917980
RMS = 2.335497
--------------------------------------------------------
***Row Num = 592
Min = -6.000000
Max = 2.000000
Mean = -1.022727
std = 1.562476
RMS = 1.852517
--------------------------------------------------------
***Row Num = 593
Min = -99.000000
Max = 70.000000
```

```
Mean = -0.659091
std = 27.406452
RMS = 27.101241
---------------------------------------------------------
***Row Num = 594
Min = -20.000000
Max = 19.000000
Mean = -0.477273
std = 8.552135
RMS = 8.467854
---------------------------------------------------------
***Row Num = 595
Min = -23.000000
Max = 5.000000
Mean = -1.272727
std = 4.592024
RMS = 4.714581
---------------------------------------------------------
***Row Num = 596
Min = -9.000000
Max = 32.000000
Mean = -0.386364
std = 6.724533
RMS = 6.658897
---------------------------------------------------------
***Row Num = 597
Min = -74.000000
Max = 47.000000
Mean = -0.863636
std = 16.435343
RMS = 16.270442
---------------------------------------------------------
***Row Num = 598
Min = -23.000000
Max = 26.000000
Mean = 1.363636
std = 10.363377
RMS = 10.335288
---------------------------------------------------------
***Row Num = 599
Min = -26.000000
Max = 20.000000
Mean = -0.863636
std = 8.927592
RMS = 8.867715
---------------------------------------------------------
***Row Num = 600
Min = -15.000000
Max = 21.000000
Mean = 0.931818
```

```
std = 7.250975
RMS = 7.228416
-------------------------------------------------------
***Row Num = 601
Min = -46.500000
Max = 54.625000
Mean = 1.818193
std = 14.600101
RMS = 14.547307
-------------------------------------------------------
***Row Num = 602
Min = -46.500000
Max = 54.625000
Mean = 1.818193
std = 14.600101
RMS = 14.547307
-------------------------------------------------------
***Row Num = 603
Min = -46.500000
Max = 54.625000
Mean = 1.818193
std = 14.600101
RMS = 14.547307
-------------------------------------------------------
***Row Num = 604
Min = -120.060000
Max = 43.063000
Mean = -7.742875
std = 25.943369
RMS = 26.790180
-------------------------------------------------------
***Row Num = 605
Min = -120.060000
Max = 43.063000
Mean = -7.742875
std = 25.943369
RMS = 26.790180
-------------------------------------------------------
***Row Num = 606
Min = -120.060000
Max = 43.063000
Mean = -7.742875
std = 25.943369
RMS = 26.790180
-------------------------------------------------------
***Row Num = 607
Min = 2.746000
Max = 2.838000
Mean = 2.803291
std = 0.021930
```

```
RMS = 2.803375
--------------------------------------------------------
***Row Num = 608
Min = 3.026100
Max = 3.060300
Mean = 3.038330
std = 0.009074
RMS = 3.038343
--------------------------------------------------------
***Row Num = 609
Min = 6.518400
Max = 6.621000
Mean = 6.587000
std = 0.018257
RMS = 6.587025
--------------------------------------------------------
***Row Num = 610
Min = 6.307600
Max = 7.509400
Mean = 6.874607
std = 0.340709
RMS = 6.882853
--------------------------------------------------------
***Row Num = 611
Min = 2.894800
Max = 5.918400
Mean = 3.904936
std = 1.331616
RMS = 4.120853
--------------------------------------------------------
***Row Num = 612
Min = 0.535710
Max = 9.987900
Mean = 6.378396
std = 4.043781
RMS = 7.527580
--------------------------------------------------------
***Row Num = 613
Min = 0.862790
Max = 1.053200
Mean = 0.938742
std = 0.034661
RMS = 0.939367
--------------------------------------------------------
***Row Num = 614
Min = -0.481930
Max = -0.199220
Mean = -0.332287
std = 0.045835
RMS = 0.335362
```

```
--------------------------------------------------------
***Row Num = 615
Min = -0.122560
Max = 0.181640
Mean = 0.063499
std = 0.043593
RMS = 0.076742
--------------------------------------------------------
***Row Num = 616
Min = -1.380400
Max = 1.839400
Mean = 0.353538
std = 0.708157
RMS = 0.784269
--------------------------------------------------------
***Row Num = 617
Min = -0.722170
Max = 1.101100
Mean = 0.436924
std = 0.317699
RMS = 0.538090
--------------------------------------------------------
***Row Num = 618
Min = -0.826170
Max = 1.694800
Mean = 0.341642
std = 0.450831
RMS = 0.561559
--------------------------------------------------------
***Row Num = 619
Min = -4.000000
Max = 1.000000
Mean = -1.159091
std = 1.010254
RMS = 1.530003
--------------------------------------------------------
***Row Num = 620
Min = -3.000000
Max = 2.000000
Mean = -0.863636
std = 1.025056
RMS = 1.331438
--------------------------------------------------------
***Row Num = 621
Min = -3.000000
Max = 1.000000
Mean = -1.136364
std = 0.929889
RMS = 1.461630
--------------------------------------------------------
```

```
***Row Num = 622
Min = -3.000000
Max = 1.000000
Mean = -0.863636
std = 1.025056
RMS = 1.331438
-------------------------------------------------------
***Row Num = 623
Min = -3.000000
Max = 1.000000
Mean = -1.022727
std = 0.848765
RMS = 1.322876
-------------------------------------------------------
***Row Num = 624
Min = -3.000000
Max = 2.000000
Mean = -0.863636
std = 1.025056
RMS = 1.331438
-------------------------------------------------------
***Row Num = 625
Min = -6.000000
Max = 4.000000
Mean = -0.681818
std = 1.827092
RMS = 1.930615
-------------------------------------------------------
***Row Num = 626
Min = -3.000000
Max = 2.000000
Mean = -1.090909
std = 1.216518
RMS = 1.623688
-------------------------------------------------------
***Row Num = 627
Min = -56.000000
Max = 40.000000
Mean = -1.295455
std = 20.626895
RMS = 20.432261
-------------------------------------------------------
***Row Num = 628
Min = -25.000000
Max = 29.000000
Mean = 0.750000
std = 10.095187
RMS = 10.007951
-------------------------------------------------------
***Row Num = 629
```

```
Min = -42.000000
Max = 99.000000
Mean = 5.000000
std = 24.390238
RMS = 24.624452
--------------------------------------------------------
***Row Num = 630
Min = -40.000000
Max = 37.000000
Mean = -2.500000
std = 12.273056
RMS = 12.387677
--------------------------------------------------------
***Row Num = 631
Min = -75.000000
Max = 123.000000
Mean = 3.363636
std = 34.542923
RMS = 34.313395
--------------------------------------------------------
***Row Num = 632
Min = -17.000000
Max = 30.000000
Mean = -0.022727
std = 10.292216
RMS = 10.174612
--------------------------------------------------------
***Row Num = 633
Min = -18.000000
Max = 14.000000
Mean = -1.363636
std = 6.972007
RMS = 7.025926
--------------------------------------------------------
***Row Num = 634
Min = -20.000000
Max = 51.000000
Mean = -0.204545
std = 11.498391
RMS = 11.368817
--------------------------------------------------------
***Row Num = 635
Min = -36.750000
Max = 47.375000
Mean = -0.017068
std = 15.384156
RMS = 15.208341
--------------------------------------------------------
***Row Num = 636
Min = -36.750000
```

```
Max = 47.375000
Mean = -0.017068
std = 15.384156
RMS = 15.208341
----------------------------------------------------------
***Row Num = 637
Min = -36.750000
Max = 47.375000
Mean = -0.017068
std = 15.384156
RMS = 15.208341
----------------------------------------------------------
***Row Num = 638
Min = -121.810000
Max = 90.875000
Mean = -4.056784
std = 36.768903
RMS = 36.574356
----------------------------------------------------------
***Row Num = 639
Min = -121.810000
Max = 90.875000
Mean = -4.056784
std = 36.768903
RMS = 36.574356
----------------------------------------------------------
***Row Num = 640
Min = -121.810000
Max = 90.875000
Mean = -4.056784
std = 36.768903
RMS = 36.574356
----------------------------------------------------------
***Row Num = 641
Min = 2.746400
Max = 2.852900
Mean = 2.797261
std = 0.027550
RMS = 2.797394
----------------------------------------------------------
***Row Num = 642
Min = 3.030000
Max = 3.072000
Mean = 3.047055
std = 0.010454
RMS = 3.047072
----------------------------------------------------------
***Row Num = 643
Min = 6.547000
Max = 6.682500
```

```
Mean = 6.632530
std = 0.028183
RMS = 6.632588
--------------------------------------------------------
***Row Num = 644
Min = 6.289700
Max = 7.452900
Mean = 6.811027
std = 0.332962
RMS = 6.818976
--------------------------------------------------------
***Row Num = 645
Min = 2.824500
Max = 5.916700
Mean = 4.105366
std = 1.369994
RMS = 4.322992
--------------------------------------------------------
***Row Num = 646
Min = 0.327710
Max = 9.986500
Mean = 5.569539
std = 4.188471
RMS = 6.940053
--------------------------------------------------------
***Row Num = 647
Min = 0.865230
Max = 0.969240
Mean = 0.925937
std = 0.022300
RMS = 0.926200
--------------------------------------------------------
***Row Num = 648
Min = -0.534670
Max = -0.221190
Mean = -0.351529
std = 0.055203
RMS = 0.355740
--------------------------------------------------------
***Row Num = 649
Min = 0.030762
Max = 0.169430
Mean = 0.091198
std = 0.026937
RMS = 0.095006
--------------------------------------------------------
***Row Num = 650
Min = -1.448200
Max = 1.117200
Mean = 0.308130
```

```
std = 0.744375
RMS = 0.797775
--------------------------------------------------------
***Row Num = 651
Min = 0.191410
Max = 1.173800
Mean = 0.482677
std = 0.263417
RMS = 0.548442
--------------------------------------------------------
***Row Num = 652
Min = -1.281700
Max = 0.916990
Mean = 0.238626
std = 0.350271
RMS = 0.420528
--------------------------------------------------------
***Row Num = 653
Min = -12.000000
Max = 11.000000
Mean = -0.568182
std = 4.814695
RMS = 4.793461
--------------------------------------------------------
***Row Num = 654
Min = -7.000000
Max = 5.000000
Mean = -0.613636
std = 2.191059
RMS = 2.251262
--------------------------------------------------------
***Row Num = 655
Min = -3.000000
Max = 1.000000
Mean = -1.090909
std = 1.052531
RMS = 1.507557
--------------------------------------------------------
***Row Num = 656
Min = -4.000000
Max = 2.000000
Mean = -0.977273
std = 1.171138
RMS = 1.515076
--------------------------------------------------------
***Row Num = 657
Min = -4.000000
Max = 2.000000
Mean = -1.318182
std = 1.360108
```

```
RMS = 1.882938
---------------------------------------------------------
***Row Num = 658
Min = -7.000000
Max = 5.000000
Mean = -1.022727
std = 2.040162
RMS = 2.261335
---------------------------------------------------------
***Row Num = 659
Min = -21.000000
Max = 23.000000
Mean = -0.704545
std = 8.071136
RMS = 8.009937
---------------------------------------------------------
***Row Num = 660
Min = -12.000000
Max = 6.000000
Mean = -0.886364
std = 3.711803
RMS = 3.774917
---------------------------------------------------------
***Row Num = 661
Min = -86.000000
Max = 62.000000
Mean = -0.840909
std = 29.129976
RMS = 28.809326
---------------------------------------------------------
***Row Num = 662
Min = -39.000000
Max = 26.000000
Mean = -1.977273
std = 12.278718
RMS = 12.298374
---------------------------------------------------------
***Row Num = 663
Min = -29.000000
Max = 26.000000
Mean = -1.500000
std = 8.486652
RMS = 8.522697
---------------------------------------------------------
***Row Num = 664
Min = -98.000000
Max = 44.000000
Mean = -4.590909
std = 20.406700
RMS = 20.689259
```

```
--------------------------------------------------------
***Row Num = 665
Min = -116.000000
Max = 127.000000
Mean = -2.704545
std = 35.735839
RMS = 35.430790
--------------------------------------------------------
***Row Num = 666
Min = -51.000000
Max = 13.000000
Mean = -3.181818
std = 12.398936
RMS = 12.663476
--------------------------------------------------------
***Row Num = 667
Min = -27.000000
Max = 26.000000
Mean = -0.704545
std = 10.431570
RMS = 10.336388
--------------------------------------------------------
***Row Num = 668
Min = -64.000000
Max = 48.000000
Mean = -2.136364
std = 22.577609
RMS = 22.421581
--------------------------------------------------------
***Row Num = 669
Min = -37.250000
Max = 39.563000
Mean = 0.850841
std = 12.936979
RMS = 12.817394
--------------------------------------------------------
***Row Num = 670
Min = -37.250000
Max = 39.563000
Mean = 0.850841
std = 12.936979
RMS = 12.817394
--------------------------------------------------------
***Row Num = 671
Min = -37.250000
Max = 39.563000
Mean = 0.850841
std = 12.936979
RMS = 12.817394
--------------------------------------------------------
```

```
***Row Num = 672
Min = -97.688000
Max = 50.438000
Mean = -6.306852
std = 28.627794
RMS = 28.994842
--------------------------------------------------------
***Row Num = 673
Min = -97.688000
Max = 50.438000
Mean = -6.306852
std = 28.627794
RMS = 28.994842
--------------------------------------------------------
***Row Num = 674
Min = -97.688000
Max = 50.438000
Mean = -6.306852
std = 28.627794
RMS = 28.994842
--------------------------------------------------------
***Row Num = 675
Min = 2.819600
Max = 2.985500
Mean = 2.898323
std = 0.060048
RMS = 2.898931
--------------------------------------------------------
***Row Num = 676
Min = 3.042100
Max = 3.134200
Mean = 3.086602
std = 0.038302
RMS = 3.086835
--------------------------------------------------------
***Row Num = 677
Min = 6.979500
Max = 7.233900
Mean = 7.102430
std = 0.105127
RMS = 7.103190
--------------------------------------------------------
***Row Num = 678
Min = 6.361600
Max = 7.678300
Mean = 7.013645
std = 0.422839
RMS = 7.026091
--------------------------------------------------------
***Row Num = 679
```

```
Min = 2.821300
Max = 5.905500
Mean = 4.221143
std = 1.441050
RMS = 4.455051
------------------------------------------------------
***Row Num = 680
Min = 0.195930
Max = 9.852800
Mean = 5.014664
std = 3.924025
RMS = 6.339943
>>
```