

```
>> Untitled4  
Action_ABOUT.csv
```

```
-----  
***Row Num = 1  
Min = 0.059570  
Max = 0.236330  
Mean = 0.111816  
std = 0.048847  
RMS = 0.121798  
-----
```

```
***Row Num = 2  
Min = -0.805180  
Max = -0.745120  
Mean = -0.778620  
std = 0.013209  
RMS = 0.778729  
-----
```

```
***Row Num = 3  
Min = 0.615720  
Max = 0.693850  
Mean = 0.645042  
std = 0.015963  
RMS = 0.645235  
-----
```

```
***Row Num = 4  
Min = -0.652340  
Max = 1.147900  
Mean = 0.048006  
std = 0.380433  
RMS = 0.379137  
-----
```

```
***Row Num = 5  
Min = 0.351560  
Max = 1.271500  
Mean = 0.816030  
std = 0.154904  
RMS = 0.830274  
-----
```

```
***Row Num = 6  
Min = 0.091309  
Max = 0.713870  
Mean = 0.520930  
std = 0.116086  
RMS = 0.533420  
-----
```

```
***Row Num = 7  
Min = -10.000000  
Max = 7.000000  
Mean = -1.272727  
std = 3.308647
```

RMS = 3.509727

***Row Num = 8
Min = -6.000000
Max = 1.000000
Mean = -1.136364
std = 1.549057
RMS = 1.906925

***Row Num = 9
Min = -10.000000
Max = 11.000000
Mean = -1.045455
std = 4.440587
RMS = 4.512609

***Row Num = 10
Min = -13.000000
Max = 11.000000
Mean = -1.204545
std = 4.939539
RMS = 5.029459

***Row Num = 11
Min = -10.000000
Max = 7.000000
Mean = -1.477273
std = 4.294337
RMS = 4.494947

***Row Num = 12
Min = -22.000000
Max = 14.000000
Mean = -2.000000
std = 7.944575
RMS = 8.104432

***Row Num = 13
Min = -17.000000
Max = 8.000000
Mean = -2.909091
std = 5.643758
RMS = 6.292131

***Row Num = 14
Min = -7.000000
Max = 4.000000
Mean = -1.227273
std = 2.523044
RMS = 2.779797

***Row Num = 15
Min = -35.000000
Max = 21.000000
Mean = -1.090909
std = 10.998558
RMS = 10.927447

***Row Num = 16
Min = -13.000000
Max = 18.000000
Mean = -0.318182
std = 5.585582
RMS = 5.530905

***Row Num = 17
Min = -28.000000
Max = 40.000000
Mean = 0.772727
std = 10.674603
RMS = 10.580858

***Row Num = 18
Min = -20.000000
Max = 21.000000
Mean = -1.340909
std = 6.948124
RMS = 6.998376

***Row Num = 19
Min = -96.000000
Max = 127.000000
Mean = -1.250000
std = 27.374343
RMS = 27.090337

***Row Num = 20
Min = -42.000000
Max = 38.000000
Mean = -1.181818
std = 16.257052
RMS = 16.114646

***Row Num = 21
Min = -31.000000
Max = 17.000000
Mean = -0.340909
std = 10.657333
RMS = 10.541045

```
***Row Num = 22  
Min = -60.000000  
Max = 49.000000  
Mean = -3.022727  
std = 21.019912  
RMS = 20.998377
```

```
***Row Num = 23  
Min = -13.750000  
Max = 8.312500  
Mean = -1.315341  
std = 4.265042  
RMS = 4.416705
```

```
***Row Num = 24  
Min = -13.750000  
Max = 8.312500  
Mean = -1.315341  
std = 4.265042  
RMS = 4.416705
```

```
***Row Num = 25  
Min = -13.750000  
Max = 8.312500  
Mean = -1.315341  
std = 4.265042  
RMS = 4.416705
```

```
***Row Num = 26  
Min = -83.125000  
Max = 73.750000  
Mean = 6.008568  
std = 32.960138  
RMS = 33.132813
```

```
***Row Num = 27  
Min = -83.125000  
Max = 73.750000  
Mean = 6.008568  
std = 32.960138  
RMS = 33.132813
```

```
***Row Num = 28  
Min = -83.125000  
Max = 73.750000  
Mean = 6.008568  
std = 32.960138  
RMS = 33.132813
```

```
***Row Num = 29
```

```
Min = 3.560600
Max = 3.648300
Mean = 3.593305
std = 0.017859
RMS = 3.593348
```

```
***Row Num = 30
Min = 4.640700
Max = 4.881400
Mean = 4.821964
std = 0.075280
RMS = 4.822538
```

```
***Row Num = 31
Min = 8.613500
Max = 8.744300
Mean = 8.713811
std = 0.032745
RMS = 8.713871
```

```
***Row Num = 32
Min = 6.394500
Max = 6.732000
Mean = 6.584495
std = 0.063828
RMS = 6.584798
```

```
***Row Num = 33
Min = 3.494100
Max = 5.551000
Mean = 4.883780
std = 0.412687
RMS = 4.900790
```

```
***Row Num = 34
Min = 4.636600
Max = 5.199000
Mean = 4.864584
std = 0.103211
RMS = 4.865654
```

```
***Row Num = 35
Min = -0.002930
Max = 1.258800
Mean = 0.634543
std = 0.406791
RMS = 0.751241
```

```
***Row Num = 36
Min = -0.949710
```

Max = -0.298340
Mean = -0.529608
std = 0.219756
RMS = 0.572433

***Row Num = 37
Min = -0.198240
Max = 0.966310
Mean = 0.244418
std = 0.290932
RMS = 0.377436

***Row Num = 38
Min = -0.605470
Max = 1.567900
Mean = 0.666393
std = 0.530474
RMS = 0.847990

***Row Num = 39
Min = -0.060547
Max = 1.823200
Mean = 0.502419
std = 0.377050
RMS = 0.625588

***Row Num = 40
Min = -0.523930
Max = 0.917970
Mean = 0.208340
std = 0.263791
RMS = 0.333781

***Row Num = 41
Min = -8.000000
Max = 6.000000
Mean = -1.272727
std = 2.888338
RMS = 3.126136

***Row Num = 42
Min = -7.000000
Max = 7.000000
Mean = -0.977273
std = 2.547125
RMS = 2.701010

***Row Num = 43
Min = -9.000000
Max = 7.000000

```
Mean = -1.136364
std = 2.874029
RMS = 3.060006
```

```
-----
***Row Num = 44
Min = -11.000000
Max = 7.000000
Mean = -1.068182
std = 3.572490
RMS = 3.689666
```

```
-----
***Row Num = 45
Min = -11.000000
Max = 18.000000
Mean = -0.454545
std = 4.814970
RMS = 4.781593
```

```
-----
***Row Num = 46
Min = -24.000000
Max = 27.000000
Mean = -0.590909
std = 8.061733
RMS = 7.991473
```

```
-----
***Row Num = 47
Min = -18.000000
Max = 29.000000
Mean = -2.204545
std = 7.148197
RMS = 7.402395
```

```
-----
***Row Num = 48
Min = -12.000000
Max = 27.000000
Mean = 0.159091
std = 6.727048
RMS = 6.652067
```

```
-----
***Row Num = 49
Min = -50.000000
Max = 26.000000
Mean = -2.477273
std = 13.328565
RMS = 13.407088
```

```
-----
***Row Num = 50
Min = -18.000000
Max = 22.000000
Mean = -0.477273
```

```
std = 6.267259
RMS = 6.213987
```

```
-----
***Row Num = 51
Min = -35.000000
Max = 33.000000
Mean = -0.659091
std = 9.752622
RMS = 9.663662
```

```
-----
***Row Num = 52
Min = -26.000000
Max = 6.000000
Mean = -2.681818
std = 6.639462
RMS = 7.090326
```

```
-----
***Row Num = 53
Min = -65.000000
Max = 27.000000
Mean = -3.659091
std = 14.438230
RMS = 14.734776
```

```
-----
***Row Num = 54
Min = -60.000000
Max = 44.000000
Mean = -2.590909
std = 13.728799
RMS = 13.816986
```

```
-----
***Row Num = 55
Min = -36.000000
Max = 30.000000
Mean = -0.295455
std = 11.008621
RMS = 10.886814
```

```
-----
***Row Num = 56
Min = -25.000000
Max = 71.000000
Mean = 4.272727
std = 17.860394
RMS = 18.165902
```

```
-----
***Row Num = 57
Min = -41.313000
Max = 43.250000
Mean = -1.133557
std = 14.645676
```


RMS = 14.522599

***Row Num = 58
Min = -41.313000
Max = 43.250000
Mean = -1.133557
std = 14.645676
RMS = 14.522599

***Row Num = 59
Min = -41.313000
Max = 43.250000
Mean = -1.133557
std = 14.645676
RMS = 14.522599

***Row Num = 60
Min = -86.750000
Max = 161.130000
Mean = 6.289909
std = 42.527919
RMS = 42.509785

***Row Num = 61
Min = -86.750000
Max = 161.130000
Mean = 6.289909
std = 42.527919
RMS = 42.509785

***Row Num = 62
Min = -86.750000
Max = 161.130000
Mean = 6.289909
std = 42.527919
RMS = 42.509785

***Row Num = 63
Min = 2.413200
Max = 3.510600
Mean = 2.910011
std = 0.480065
RMS = 2.948456

***Row Num = 64
Min = 3.071300
Max = 4.843100
Mean = 3.743525
std = 0.811054
RMS = 3.828425

***Row Num = 65
Min = 0.001983
Max = 10.000000
Mean = 6.106809
std = 4.437595
RMS = 7.519163

***Row Num = 66
Min = 6.454100
Max = 7.506100
Mean = 7.031398
std = 0.284590
RMS = 7.037024

***Row Num = 67
Min = 2.972200
Max = 5.451700
Mean = 3.681493
std = 0.918027
RMS = 3.791703

***Row Num = 68
Min = 3.367800
Max = 4.954400
Mean = 3.923116
std = 0.536492
RMS = 3.958803

***Row Num = 69
Min = -0.001465
Max = 1.616200
Mean = 0.430741
std = 0.400268
RMS = 0.584903

***Row Num = 70
Min = -0.921880
Max = -0.312990
Mean = -0.665938
std = 0.231957
RMS = 0.704311

***Row Num = 71
Min = 0.000977
Max = 0.613280
Mean = 0.373702
std = 0.218376
RMS = 0.431576

```
***Row Num = 72
Min = -0.644530
Max = 1.750500
Mean = 0.538197
std = 0.600305
RMS = 0.801144
```

```
***Row Num = 73
Min = 0.100100
Max = 1.946800
Mean = 0.581766
std = 0.361265
RMS = 0.682641
```

```
***Row Num = 74
Min = -0.077148
Max = 0.818850
Mean = 0.315330
std = 0.246212
RMS = 0.398341
```

```
***Row Num = 75
Min = -32.000000
Max = 28.000000
Mean = -0.659091
std = 9.398028
RMS = 9.313968
```

```
***Row Num = 76
Min = -25.000000
Max = 43.000000
Mean = -0.318182
std = 11.502826
RMS = 11.375812
```

```
***Row Num = 77
Min = -56.000000
Max = 69.000000
Mean = -2.431818
std = 19.849899
RMS = 19.773145
```

```
***Row Num = 78
Min = -24.000000
Max = 50.000000
Mean = -2.954545
std = 12.876795
RMS = 13.068004
```

```
***Row Num = 79
```

```
Min = -21.000000
Max = 37.000000
Mean = -1.250000
std = 9.496940
RMS = 9.471248
```

```
***Row Num = 80
Min = -81.000000
Max = 55.000000
Mean = -4.954545
std = 18.358136
RMS = 18.812472
```

```
***Row Num = 81
Min = -53.000000
Max = 36.000000
Mean = -4.409091
std = 19.129082
RMS = 19.417658
```

```
***Row Num = 82
Min = -38.000000
Max = 84.000000
Mean = 1.272727
std = 17.908506
RMS = 17.749520
```

```
***Row Num = 83
Min = -32.000000
Max = 45.000000
Mean = -0.931818
std = 14.812625
RMS = 14.672950
```

```
***Row Num = 84
Min = -29.000000
Max = 15.000000
Mean = -1.863636
std = 7.744738
RMS = 7.879778
```

```
***Row Num = 85
Min = -33.000000
Max = 47.000000
Mean = -2.340909
std = 12.007639
RMS = 12.099023
```

```
***Row Num = 86
Min = -21.000000
```

```
Max = 22.000000  
Mean = -2.068182  
std = 8.592581  
RMS = 8.742529
```

```
***Row Num = 87  
Min = -65.000000  
Max = 108.000000  
Mean = 4.954545  
std = 28.441662  
RMS = 28.549797
```

```
***Row Num = 88  
Min = -67.000000  
Max = 56.000000  
Mean = 0.954545  
std = 22.876773  
RMS = 22.635451
```

```
***Row Num = 89  
Min = -50.000000  
Max = 54.000000  
Mean = -1.727273  
std = 13.857017  
RMS = 13.807113
```

```
***Row Num = 90  
Min = -100.000000  
Max = 71.000000  
Mean = 0.704545  
std = 22.680367  
RMS = 22.432221
```

```
***Row Num = 91  
Min = -71.813000  
Max = 145.630000  
Mean = 0.636443  
std = 27.978082  
RMS = 27.665644
```

```
***Row Num = 92  
Min = -71.813000  
Max = 145.630000  
Mean = 0.636443  
std = 27.978082  
RMS = 27.665644
```

```
***Row Num = 93  
Min = -71.813000  
Max = 145.630000
```

```
Mean = 0.636443
std = 27.978082
RMS = 27.665644
```

```
-----
***Row Num = 94
Min = -212.130000
Max = 142.630000
Mean = 3.809580
std = 56.782860
RMS = 56.263014
```

```
-----
***Row Num = 95
Min = -212.130000
Max = 142.630000
Mean = 3.809580
std = 56.782860
RMS = 56.263014
```

```
-----
***Row Num = 96
Min = -212.130000
Max = 142.630000
Mean = 3.809580
std = 56.782860
RMS = 56.263014
```

```
-----
***Row Num = 97
Min = 2.555400
Max = 3.580700
Mean = 3.181470
std = 0.347324
RMS = 3.199945
```

```
-----
***Row Num = 98
Min = 3.056000
Max = 4.842800
Mean = 4.189952
std = 0.742612
RMS = 4.253779
```

```
-----
***Row Num = 99
Min = 8.613200
Max = 9.970200
Mean = 9.053961
std = 0.513221
RMS = 9.068166
```

```
-----
***Row Num = 100
Min = 6.420600
Max = 7.221000
Mean = 6.784795
```

```
std = 0.237059  
RMS = 6.788842
```

```
-----  
***Row Num = 101  
Min = 2.903600  
Max = 5.468800  
Mean = 3.982486  
std = 0.904522  
RMS = 4.081637
```

```
-----  
***Row Num = 102  
Min = 2.813700  
Max = 4.094900  
Mean = 3.530902  
std = 0.434807  
RMS = 3.556969
```

```
-----  
***Row Num = 103  
Min = 0.037109  
Max = 1.280300  
Mean = 0.567352  
std = 0.418378  
RMS = 0.702104
```

```
-----  
***Row Num = 104  
Min = -0.924800  
Max = -0.367190  
Mean = -0.602740  
std = 0.231576  
RMS = 0.644751
```

```
-----  
***Row Num = 105  
Min = -0.122070  
Max = 0.599120  
Mean = 0.267289  
std = 0.219619  
RMS = 0.344354
```

```
-----  
***Row Num = 106  
Min = -1.044400  
Max = 1.667000  
Mean = 0.608954  
std = 0.570780  
RMS = 0.830187
```

```
-----  
***Row Num = 107  
Min = 0.190920  
Max = 2.146000  
Mean = 0.535322  
std = 0.368436
```

RMS = 0.647479

***Row Num = 108

Min = -0.467770

Max = 1.082000

Mean = 0.224919

std = 0.297387

RMS = 0.370159

***Row Num = 109

Min = -53.000000

Max = 35.000000

Mean = -2.022727

std = 12.477866

RMS = 12.500000

***Row Num = 110

Min = -38.000000

Max = 52.000000

Mean = 0.022727

std = 14.022388

RMS = 13.862146

***Row Num = 111

Min = -36.000000

Max = 69.000000

Mean = -1.000000

std = 19.055610

RMS = 18.864348

***Row Num = 112

Min = -26.000000

Max = 19.000000

Mean = -2.454545

std = 7.696132

RMS = 7.994316

***Row Num = 113

Min = -11.000000

Max = 10.000000

Mean = -1.272727

std = 4.838622

RMS = 4.949747

***Row Num = 114

Min = -41.000000

Max = 26.000000

Mean = -2.431818

std = 12.325805

RMS = 12.425231

```
***Row Num = 115
Min = -75.000000
Max = 22.000000
Mean = -3.840909
std = 16.531778
RMS = 16.788118
```

```
***Row Num = 116
Min = -29.000000
Max = 39.000000
Mean = -2.613636
std = 10.957032
RMS = 11.142670
```

```
***Row Num = 117
Min = -53.000000
Max = 70.000000
Mean = -4.840909
std = 21.852511
RMS = 22.138510
```

```
***Row Num = 118
Min = -25.000000
Max = 32.000000
Mean = -0.136364
std = 9.018304
RMS = 8.916277
```

```
***Row Num = 119
Min = -54.000000
Max = 31.000000
Mean = -3.181818
std = 15.562735
RMS = 15.710448
```

```
***Row Num = 120
Min = -68.000000
Max = 127.000000
Mean = -0.340909
std = 25.277937
RMS = 24.991362
```

```
***Row Num = 121
Min = -104.000000
Max = 108.000000
Mean = -3.318182
std = 30.154465
RMS = 29.993939
```

```
***Row Num = 122
Min = -104.000000
Max = 31.000000
Mean = -6.204545
std = 23.151251
RMS = 23.712770
-----
```

```
***Row Num = 123
Min = -54.000000
Max = 20.000000
Mean = -1.795455
std = 14.296820
RMS = 14.247009
-----
```

```
***Row Num = 124
Min = -104.000000
Max = 67.000000
Mean = -7.522727
std = 29.152756
RMS = 29.785216
-----
```

```
***Row Num = 125
Min = -78.000000
Max = 51.750000
Mean = 0.796875
std = 19.631726
RMS = 19.423709
-----
```

```
***Row Num = 126
Min = -78.000000
Max = 51.750000
Mean = 0.796875
std = 19.631726
RMS = 19.423709
-----
```

```
***Row Num = 127
Min = -78.000000
Max = 51.750000
Mean = 0.796875
std = 19.631726
RMS = 19.423709
-----
```

```
***Row Num = 128
Min = -100.380000
Max = 152.130000
Mean = 4.669080
std = 46.879275
RMS = 46.578104
-----
```

```
***Row Num = 129
```

```
Min = -100.380000
Max = 152.130000
Mean = 4.669080
std = 46.879275
RMS = 46.578104
```

```
-----
***Row Num = 130
Min = -100.380000
Max = 152.130000
Mean = 4.669080
std = 46.879275
RMS = 46.578104
```

```
-----
***Row Num = 131
Min = 2.757800
Max = 3.379800
Mean = 3.064261
std = 0.269599
RMS = 3.075830
```

```
-----
***Row Num = 132
Min = 3.132400
Max = 4.850700
Mean = 3.902811
std = 0.818159
RMS = 3.985738
```

```
-----
***Row Num = 133
Min = 8.519200
Max = 9.724300
Mean = 9.148382
std = 0.464535
RMS = 9.159901
```

```
-----
***Row Num = 134
Min = 6.395200
Max = 7.442300
Mean = 6.983550
std = 0.285884
RMS = 6.989266
```

```
-----
***Row Num = 135
Min = 2.939900
Max = 5.489900
Mean = 3.771684
std = 0.929821
RMS = 3.882077
```

```
-----
***Row Num = 136
Min = 2.257000
```

```
Max = 4.002200
Mean = 3.046382
std = 0.517298
RMS = 3.089006
```

```
***Row Num = 137
Min = -0.586910
Max = 0.815920
Mean = 0.120239
std = 0.268102
RMS = 0.291037
```

```
***Row Num = 138
Min = -0.942870
Max = -0.627440
Mean = -0.832531
std = 0.053469
RMS = 0.834207
```

```
***Row Num = 139
Min = 0.171390
Max = 0.942380
Mean = 0.595681
std = 0.134279
RMS = 0.610293
```

```
***Row Num = 140
Min = -0.413570
Max = 1.210000
Mean = 0.101598
std = 0.354001
RMS = 0.364405
```

```
***Row Num = 141
Min = 0.281250
Max = 1.298800
Mean = 0.800902
std = 0.188381
RMS = 0.822268
```

```
***Row Num = 142
Min = 0.045898
Max = 0.790040
Mean = 0.540049
std = 0.121038
RMS = 0.553146
```

```
***Row Num = 143
Min = -35.000000
Max = 30.000000
```

```
Mean = -0.522727
std = 11.785858
RMS = 11.662878
```

```
-----
***Row Num = 144
Min = -39.000000
Max = 35.000000
Mean = -0.704545
std = 11.962304
RMS = 11.846557
```

```
-----
***Row Num = 145
Min = -25.000000
Max = 119.000000
Mean = 2.795455
std = 21.182023
RMS = 21.125706
```

```
-----
***Row Num = 146
Min = -22.000000
Max = 45.000000
Mean = 0.340909
std = 12.874968
RMS = 12.732385
```

```
-----
***Row Num = 147
Min = -14.000000
Max = 23.000000
Mean = -1.000000
std = 7.084211
RMS = 7.074281
```

```
-----
***Row Num = 148
Min = -36.000000
Max = 28.000000
Mean = -3.204545
std = 15.491302
RMS = 15.645941
```

```
-----
***Row Num = 149
Min = -78.000000
Max = 50.000000
Mean = -0.886364
std = 23.596626
RMS = 23.343775
```

```
-----
***Row Num = 150
Min = -45.000000
Max = 35.000000
Mean = -1.295455
```

```
std = 15.876822  
RMS = 15.748737
```

```
-----  
***Row Num = 151  
Min = -29.000000  
Max = 39.000000  
Mean = 1.545455  
std = 12.070442  
RMS = 12.032154
```

```
-----  
***Row Num = 152  
Min = -32.000000  
Max = 25.000000  
Mean = 0.431818  
std = 10.310071  
RMS = 10.201381
```

```
-----  
***Row Num = 153  
Min = -64.000000  
Max = 60.000000  
Mean = -0.545455  
std = 17.652267  
RMS = 17.459043
```

```
-----  
***Row Num = 154  
Min = -41.000000  
Max = 28.000000  
Mean = -0.886364  
std = 12.631109  
RMS = 12.518169
```

```
-----  
***Row Num = 155  
Min = -105.000000  
Max = 120.000000  
Mean = -3.931818  
std = 38.141351  
RMS = 37.909881
```

```
-----  
***Row Num = 156  
Min = -58.000000  
Max = 53.000000  
Mean = 2.227273  
std = 24.963102  
RMS = 24.778106
```

```
-----  
***Row Num = 157  
Min = -53.000000  
Max = 31.000000  
Mean = -2.272727  
std = 15.305211
```

RMS = 15.300030

***Row Num = 158
Min = -39.000000
Max = 55.000000
Mean = -1.795455
std = 21.000088
RMS = 20.837575

***Row Num = 159
Min = -42.750000
Max = 16.688000
Mean = -1.829545
std = 10.140699
RMS = 10.190382

***Row Num = 160
Min = -42.750000
Max = 16.688000
Mean = -1.829545
std = 10.140699
RMS = 10.190382

***Row Num = 161
Min = -42.750000
Max = 16.688000
Mean = -1.829545
std = 10.140699
RMS = 10.190382

***Row Num = 162
Min = -82.625000
Max = 94.875000
Mean = 8.132114
std = 32.671119
RMS = 33.305767

***Row Num = 163
Min = -82.625000
Max = 94.875000
Mean = 8.132114
std = 32.671119
RMS = 33.305767

***Row Num = 164
Min = -82.625000
Max = 94.875000
Mean = 8.132114
std = 32.671119
RMS = 33.305767

***Row Num = 165
Min = 3.384200
Max = 3.478200
Mean = 3.447632
std = 0.023554
RMS = 3.447710

***Row Num = 166
Min = 4.685000
Max = 4.919800
Mean = 4.843052
std = 0.066251
RMS = 4.843495

***Row Num = 167
Min = 8.577800
Max = 8.753300
Mean = 8.692277
std = 0.035909
RMS = 8.692350

***Row Num = 168
Min = 6.325100
Max = 6.747800
Mean = 6.541227
std = 0.094622
RMS = 6.541896

***Row Num = 169
Min = 3.403300
Max = 5.424700
Mean = 4.816568
std = 0.403215
RMS = 4.833034

***Row Num = 170
Min = 3.109200
Max = 3.760700
Mean = 3.423930
std = 0.111747
RMS = 3.425711

***Row Num = 171
Min = -0.002441
Max = 1.253900
Mean = 0.312200
std = 0.375878
RMS = 0.485327

```
***Row Num = 172
Min = -0.870120
Max = -0.339840
Mean = -0.705211
std = 0.188872
RMS = 0.729510
```

```
***Row Num = 173
Min = -0.153810
Max = 0.659180
Mean = 0.433849
std = 0.219112
RMS = 0.484916
```

```
***Row Num = 174
Min = -0.841310
Max = 1.651400
Mean = 0.511730
std = 0.584170
RMS = 0.771599
```

```
***Row Num = 175
Min = 0.012695
Max = 2.076200
Mean = 0.632082
std = 0.375934
RMS = 0.733241
```

```
***Row Num = 176
Min = -0.201660
Max = 0.916020
Mean = 0.377719
std = 0.238083
RMS = 0.445047
```

```
***Row Num = 177
Min = -29.000000
Max = 40.000000
Mean = 1.568182
std = 13.560198
RMS = 13.496633
```

```
***Row Num = 178
Min = -20.000000
Max = 45.000000
Mean = 1.772727
std = 12.698404
RMS = 12.677826
```

```
***Row Num = 179
```

```
Min = -35.000000
Max = 107.000000
Mean = 4.363636
std = 26.967759
RMS = 27.014306
```

```
***Row Num = 180
Min = -32.000000
Max = 25.000000
Mean = -0.454545
std = 9.324772
RMS = 9.229400
```

```
***Row Num = 181
Min = -34.000000
Max = 21.000000
Mean = -2.431818
std = 8.737510
RMS = 8.973446
```

```
***Row Num = 182
Min = -47.000000
Max = 29.000000
Mean = -1.681818
std = 13.230994
RMS = 13.187460
```

```
***Row Num = 183
Min = -77.000000
Max = 43.000000
Mean = -0.772727
std = 24.874442
RMS = 24.602291
```

```
***Row Num = 184
Min = -48.000000
Max = 64.000000
Mean = -0.386364
std = 20.308339
RMS = 20.079954
```

```
***Row Num = 185
Min = -78.000000
Max = 43.000000
Mean = -6.522727
std = 22.553800
RMS = 23.230564
```

```
***Row Num = 186
Min = -32.000000
```

```
Max = 20.000000
Mean = -2.704545
std = 9.758907
RMS = 10.019300
```

```
***Row Num = 187
Min = -54.000000
Max = 62.000000
Mean = -2.295455
std = 17.087435
RMS = 17.047394
```

```
***Row Num = 188
Min = -47.000000
Max = 18.000000
Mean = -3.068182
std = 10.645225
RMS = 10.961710
```

```
***Row Num = 189
Min = -115.000000
Max = 62.000000
Mean = -9.613636
std = 27.141503
RMS = 28.501595
```

```
***Row Num = 190
Min = -54.000000
Max = 64.000000
Mean = -2.250000
std = 23.048104
RMS = 22.895514
```

```
***Row Num = 191
Min = -31.000000
Max = 26.000000
Mean = -1.795455
std = 11.057102
RMS = 11.077208
```

```
***Row Num = 192
Min = -41.000000
Max = 53.000000
Mean = 0.250000
std = 15.930262
RMS = 15.750180
```

```
***Row Num = 193
Min = -71.000000
Max = 140.750000
```

```
Mean = 2.693159
std = 29.992124
RMS = 29.771409
```

```
-----
***Row Num = 194
Min = -71.000000
Max = 140.750000
Mean = 2.693159
std = 29.992124
RMS = 29.771409
```

```
-----
***Row Num = 195
Min = -71.000000
Max = 140.750000
Mean = 2.693159
std = 29.992124
RMS = 29.771409
```

```
-----
***Row Num = 196
Min = -129.500000
Max = 99.750000
Mean = 0.217352
std = 38.021558
RMS = 37.587640
```

```
-----
***Row Num = 197
Min = -129.500000
Max = 99.750000
Mean = 0.217352
std = 38.021558
RMS = 37.587640
```

```
-----
***Row Num = 198
Min = -129.500000
Max = 99.750000
Mean = 0.217352
std = 38.021558
RMS = 37.587640
```

```
-----
***Row Num = 199
Min = 2.733200
Max = 3.570600
Mean = 3.301195
std = 0.283072
RMS = 3.313035
```

```
-----
***Row Num = 200
Min = 3.128900
Max = 4.911400
Mean = 4.377870
```

```
std = 0.722885  
RMS = 4.435813
```

```
-----  
***Row Num = 201  
Min = 8.535000  
Max = 9.754200  
Mean = 8.891793  
std = 0.425709  
RMS = 8.901747
```

```
-----  
***Row Num = 202  
Min = 6.325800  
Max = 6.963000  
Mean = 6.652920  
std = 0.173996  
RMS = 6.655144
```

```
-----  
***Row Num = 203  
Min = 3.002900  
Max = 5.626100  
Mean = 4.106420  
std = 0.866754  
RMS = 4.194863
```

```
-----  
***Row Num = 204  
Min = 2.496100  
Max = 3.713800  
Mean = 3.120870  
std = 0.355175  
RMS = 3.140560
```

```
-----  
***Row Num = 205  
Min = -0.001953  
Max = 0.231450  
Mean = 0.052513  
std = 0.039117  
RMS = 0.065215
```

```
-----  
***Row Num = 206  
Min = -0.940920  
Max = -0.449710  
Mean = -0.860973  
std = 0.067712  
RMS = 0.863571
```

```
-----  
***Row Num = 207  
Min = 0.258300  
Max = 0.621090  
Mean = 0.518588  
std = 0.048983
```

RMS = 0.520844

***Row Num = 208

Min = -0.703130

Max = 1.642600

Mean = 0.127851

std = 0.482325

RMS = 0.493656

***Row Num = 209

Min = 0.001465

Max = 2.056200

Mean = 0.810881

std = 0.300522

RMS = 0.863590

***Row Num = 210

Min = -0.404790

Max = 0.820800

Mean = 0.488325

std = 0.199558

RMS = 0.526669

***Row Num = 211

Min = -29.000000

Max = 34.000000

Mean = 0.227273

std = 14.107335

RMS = 13.947955

***Row Num = 212

Min = -48.000000

Max = 34.000000

Mean = -2.045455

std = 14.148637

RMS = 14.135706

***Row Num = 213

Min = -48.000000

Max = 70.000000

Mean = -3.954545

std = 18.164564

RMS = 18.387249

***Row Num = 214

Min = -15.000000

Max = 19.000000

Mean = -0.840909

std = 8.005647

RMS = 7.958700

***Row Num = 215
Min = -21.000000
Max = 17.000000
Mean = -0.090909
std = 7.987834
RMS = 7.897065

***Row Num = 216
Min = -56.000000
Max = 36.000000
Mean = -1.022727
std = 19.206938
RMS = 19.014946

***Row Num = 217
Min = -38.000000
Max = 37.000000
Mean = -0.431818
std = 18.347293
RMS = 18.142742

***Row Num = 218
Min = -45.000000
Max = 21.000000
Mean = -4.409091
std = 15.250342
RMS = 15.707555

***Row Num = 219
Min = -38.000000
Max = 43.000000
Mean = -1.068182
std = 21.115846
RMS = 20.901827

***Row Num = 220
Min = -25.000000
Max = 39.000000
Mean = 0.477273
std = 11.793748
RMS = 11.668723

***Row Num = 221
Min = -57.000000
Max = 37.000000
Mean = -1.568182
std = 12.501903
RMS = 12.458112

```
***Row Num = 222  
Min = -54.000000  
Max = 28.000000  
Mean = -4.750000  
std = 13.559730  
RMS = 14.221463  
-----
```

```
***Row Num = 223  
Min = -91.000000  
Max = 73.000000  
Mean = -6.136364  
std = 39.468322  
RMS = 39.496835  
-----
```

```
***Row Num = 224  
Min = -72.000000  
Max = 39.000000  
Mean = -0.272727  
std = 25.447039  
RMS = 25.157685  
-----
```

```
***Row Num = 225  
Min = -25.000000  
Max = 28.000000  
Mean = -1.681818  
std = 13.488622  
RMS = 13.440103  
-----
```

```
***Row Num = 226  
Min = -38.000000  
Max = 84.000000  
Mean = 3.590909  
std = 27.239949  
RMS = 27.166992  
-----
```

```
***Row Num = 227  
Min = -32.813000  
Max = 12.688000  
Mean = -0.869330  
std = 7.320629  
RMS = 7.288988  
-----
```

```
***Row Num = 228  
Min = -32.813000  
Max = 12.688000  
Mean = -0.869330  
std = 7.320629  
RMS = 7.288988  
-----
```

```
***Row Num = 229
```



```
Min = -32.813000
Max = 12.688000
Mean = -0.869330
std = 7.320629
RMS = 7.288988
```

```
***Row Num = 230
Min = -154.690000
Max = 117.310000
Mean = 9.926148
std = 43.439244
RMS = 44.075057
```

```
***Row Num = 231
Min = -154.690000
Max = 117.310000
Mean = 9.926148
std = 43.439244
RMS = 44.075057
```

```
***Row Num = 232
Min = -154.690000
Max = 117.310000
Mean = 9.926148
std = 43.439244
RMS = 44.075057
```

```
***Row Num = 233
Min = 3.325400
Max = 3.412400
Mean = 3.355161
std = 0.015683
RMS = 3.355197
```

```
***Row Num = 234
Min = 4.811400
Max = 4.943000
Mean = 4.914041
std = 0.037320
RMS = 4.914179
```

```
***Row Num = 235
Min = 8.489000
Max = 8.654500
Mean = 8.601002
std = 0.037495
RMS = 8.601082
```

```
***Row Num = 236
Min = 6.356300
```

```
Max = 6.838400
Mean = 6.608739
std = 0.094846
RMS = 6.609404
```

```
***Row Num = 237
Min = 3.114500
Max = 5.529400
Mean = 4.836566
std = 0.521390
RMS = 4.863953
```

```
***Row Num = 238
Min = 2.691700
Max = 3.657800
Mean = 3.328505
std = 0.161201
RMS = 3.332317
```

```
***Row Num = 239
Min = 0.042480
Max = 1.301800
Mean = 0.417271
std = 0.414104
RMS = 0.584551
```

```
***Row Num = 240
Min = -1.017600
Max = -0.340820
Mean = -0.669135
std = 0.231847
RMS = 0.707300
```

```
***Row Num = 241
Min = -0.217290
Max = 0.618650
Mean = 0.375721
std = 0.259777
RMS = 0.455101
```

```
***Row Num = 242
Min = -1.040500
Max = 1.690900
Mean = 0.463867
std = 0.615077
RMS = 0.764783
```

```
***Row Num = 243
Min = 0.098633
Max = 1.387700
```

```
Mean = 0.581830
std = 0.330337
RMS = 0.667210
```

```
-----
***Row Num = 244
Min = -0.705080
Max = 0.781740
Mean = 0.322243
std = 0.270546
RMS = 0.418774
```

```
-----
***Row Num = 245
Min = -13.000000
Max = 14.000000
Mean = -0.727273
std = 6.325892
RMS = 6.295742
```

```
-----
***Row Num = 246
Min = -21.000000
Max = 14.000000
Mean = -0.954545
std = 6.894401
RMS = 6.882124
```

```
-----
***Row Num = 247
Min = -27.000000
Max = 12.000000
Mean = -1.068182
std = 6.718242
RMS = 6.726812
```

```
-----
***Row Num = 248
Min = -26.000000
Max = 22.000000
Mean = -0.363636
std = 8.164275
RMS = 8.079154
```

```
-----
***Row Num = 249
Min = -18.000000
Max = 17.000000
Mean = 0.000000
std = 7.061194
RMS = 6.980492
```

```
-----
***Row Num = 250
Min = -13.000000
Max = 28.000000
Mean = 1.931818
```

```
std = 9.725052
RMS = 9.806074
```

```
-----
***Row Num = 251
Min = -43.000000
Max = 51.000000
Mean = -0.795455
std = 14.474644
RMS = 14.331307
```

```
-----
***Row Num = 252
Min = -23.000000
Max = 23.000000
Mean = -0.022727
std = 10.219654
RMS = 10.102880
```

```
-----
***Row Num = 253
Min = -78.000000
Max = 58.000000
Mean = 3.500000
std = 21.300180
RMS = 21.345640
```

```
-----
***Row Num = 254
Min = -28.000000
Max = 20.000000
Mean = -1.000000
std = 9.060520
RMS = 9.012617
```

```
-----
***Row Num = 255
Min = -79.000000
Max = 23.000000
Mean = -3.636364
std = 14.380366
RMS = 14.673724
```

```
-----
***Row Num = 256
Min = -51.000000
Max = 31.000000
Mean = -2.386364
std = 14.190098
RMS = 14.229451
```

```
-----
***Row Num = 257
Min = -74.000000
Max = 82.000000
Mean = 5.295455
std = 36.409544
```

RMS = 36.380877

***Row Num = 258
Min = -95.000000
Max = 53.000000
Mean = -2.886364
std = 32.245581
RMS = 32.007457

***Row Num = 259
Min = -47.000000
Max = 56.000000
Mean = -2.954545
std = 16.636964
RMS = 16.710095

***Row Num = 260
Min = -64.000000
Max = 70.000000
Mean = -2.136364
std = 24.610067
RMS = 24.422419

***Row Num = 261
Min = -100.000000
Max = 138.880000
Mean = 2.123750
std = 29.129232
RMS = 28.874524

***Row Num = 262
Min = -100.000000
Max = 138.880000
Mean = 2.123750
std = 29.129232
RMS = 28.874524

***Row Num = 263
Min = -100.000000
Max = 138.880000
Mean = 2.123750
std = 29.129232
RMS = 28.874524

***Row Num = 264
Min = -94.750000
Max = 188.380000
Mean = 7.188909
std = 53.512944
RMS = 53.387573

***Row Num = 265
Min = -94.750000
Max = 188.380000
Mean = 7.188909
std = 53.512944
RMS = 53.387573

***Row Num = 266
Min = -94.750000
Max = 188.380000
Mean = 7.188909
std = 53.512944
RMS = 53.387573

***Row Num = 267
Min = 2.603900
Max = 3.516200
Mean = 3.185127
std = 0.382089
RMS = 3.207446

***Row Num = 268
Min = 3.072100
Max = 4.884300
Mean = 4.184998
std = 0.825390
RMS = 4.263800

***Row Num = 269
Min = 8.400800
Max = 9.783700
Mean = 8.939516
std = 0.578516
RMS = 8.957791

***Row Num = 270
Min = 6.289300
Max = 7.100800
Mean = 6.718320
std = 0.195094
RMS = 6.721088

***Row Num = 271
Min = 2.927400
Max = 5.718300
Mean = 4.140948
std = 0.982563
RMS = 4.253344

```
***Row Num = 272
Min = 2.303100
Max = 3.540000
Mean = 2.949511
std = 0.407227
RMS = 2.976858
-----
```

```
***Row Num = 273
Min = 0.003906
Max = 1.116700
Mean = 0.329102
std = 0.390977
RMS = 0.507639
-----
```

```
***Row Num = 274
Min = -0.872560
Max = -0.332520
Mean = -0.693526
std = 0.153028
RMS = 0.709834
-----
```

```
***Row Num = 275
Min = -0.121580
Max = 0.738770
Mean = 0.521406
std = 0.216604
RMS = 0.563662
-----
```

```
***Row Num = 276
Min = -1.037600
Max = 1.627400
Mean = 0.475927
std = 0.586537
RMS = 0.750142
-----
```

```
***Row Num = 277
Min = -0.009766
Max = 1.645500
Mean = 0.618297
std = 0.334238
RMS = 0.701047
-----
```

```
***Row Num = 278
Min = -0.115230
Max = 0.788570
Mean = 0.346890
std = 0.235323
RMS = 0.417673
-----
```

```
***Row Num = 279
```

```
Min = -14.000000
Max = 10.000000
Mean = -0.772727
std = 5.378094
RMS = 5.372489
```

```
***Row Num = 280
Min = -9.000000
Max = 11.000000
Mean = -0.636364
std = 4.081102
RMS = 4.084338
```

```
***Row Num = 281
Min = -11.000000
Max = 16.000000
Mean = -0.772727
std = 4.778166
RMS = 4.786344
```

```
***Row Num = 282
Min = -12.000000
Max = 10.000000
Mean = -0.159091
std = 4.176029
RMS = 4.131366
```

```
***Row Num = 283
Min = -26.000000
Max = 12.000000
Mean = -1.022727
std = 7.780383
RMS = 7.759159
```

```
***Row Num = 284
Min = -40.000000
Max = 21.000000
Mean = -5.113636
std = 12.015912
RMS = 12.932517
```

```
***Row Num = 285
Min = -19.000000
Max = 36.000000
Mean = 0.272727
std = 12.010390
RMS = 11.876256
```

```
***Row Num = 286
Min = -32.000000
```



```
Max = 71.000000  
Mean = -0.295455  
std = 18.614298  
RMS = 18.403927
```

```
***Row Num = 287  
Min = -78.000000  
Max = 52.000000  
Mean = -0.250000  
std = 19.717924  
RMS = 19.494172
```

```
***Row Num = 288  
Min = -38.000000  
Max = 37.000000  
Mean = 1.727273  
std = 12.603734  
RMS = 12.578842
```

```
***Row Num = 289  
Min = -22.000000  
Max = 95.000000  
Mean = 4.795455  
std = 22.172243  
RMS = 22.437286
```

```
***Row Num = 290  
Min = -26.000000  
Max = 20.000000  
Mean = -0.704545  
std = 8.724676  
RMS = 8.653691
```

```
***Row Num = 291  
Min = -48.000000  
Max = 77.000000  
Mean = 3.363636  
std = 24.051390  
RMS = 24.013254
```

```
***Row Num = 292  
Min = -51.000000  
Max = 48.000000  
Mean = 2.181818  
std = 19.170317  
RMS = 19.076401
```

```
***Row Num = 293  
Min = -31.000000  
Max = 21.000000
```

```
Mean = -1.772727
std = 11.230903
RMS = 11.243180
```

```
***Row Num = 294
Min = -48.000000
Max = 79.000000
Mean = 6.659091
std = 25.990108
RMS = 26.541991
```

```
***Row Num = 295
Min = -47.375000
Max = 60.875000
Mean = -3.051148
std = 19.776464
RMS = 19.787096
```

```
***Row Num = 296
Min = -47.375000
Max = 60.875000
Mean = -3.051148
std = 19.776464
RMS = 19.787096
```

```
***Row Num = 297
Min = -47.375000
Max = 60.875000
Mean = -3.051148
std = 19.776464
RMS = 19.787096
```

```
***Row Num = 298
Min = -79.938000
Max = 131.000000
Mean = 10.130739
std = 39.019237
RMS = 39.881455
```

```
***Row Num = 299
Min = -79.938000
Max = 131.000000
Mean = 10.130739
std = 39.019237
RMS = 39.881455
```

```
***Row Num = 300
Min = -79.938000
Max = 131.000000
Mean = 10.130739
```

```
std = 39.019237  
RMS = 39.881455
```

```
-----  
***Row Num = 301  
Min = 2.566700  
Max = 3.626400  
Mean = 3.448032  
std = 0.283601  
RMS = 3.459411
```

```
-----  
***Row Num = 302  
Min = 3.078600  
Max = 4.901900  
Mean = 4.426445  
std = 0.669348  
RMS = 4.475630
```

```
-----  
***Row Num = 303  
Min = 8.539400  
Max = 9.871200  
Mean = 8.828461  
std = 0.378118  
RMS = 8.836371
```

```
-----  
***Row Num = 304  
Min = 6.328900  
Max = 7.451900  
Mean = 6.706225  
std = 0.232712  
RMS = 6.710170
```

```
-----  
***Row Num = 305  
Min = 2.937100  
Max = 5.548600  
Mean = 4.148964  
std = 0.872339  
RMS = 4.237638
```

```
-----  
***Row Num = 306  
Min = 1.948800  
Max = 3.451000  
Mean = 2.881311  
std = 0.412853  
RMS = 2.910074
```

```
-----  
***Row Num = 307  
Min = -0.323730  
Max = 1.394500  
Mean = 0.374988  
std = 0.435093
```

RMS = 0.570630

***Row Num = 308

Min = -0.859860

Max = -0.311520

Mean = -0.686334

std = 0.178359

RMS = 0.708621

***Row Num = 309

Min = -0.228030

Max = 0.919430

Mean = 0.458441

std = 0.259808

RMS = 0.525484

***Row Num = 310

Min = -0.581050

Max = 1.472200

Mean = 0.482346

std = 0.550811

RMS = 0.727431

***Row Num = 311

Min = 0.193360

Max = 1.388700

Mean = 0.619931

std = 0.306032

RMS = 0.689812

***Row Num = 312

Min = -0.274410

Max = 0.690920

Mean = 0.340433

std = 0.253913

RMS = 0.422967

***Row Num = 313

Min = -41.000000

Max = 28.000000

Mean = -1.590909

std = 14.528750

RMS = 14.450543

***Row Num = 314

Min = -42.000000

Max = 34.000000

Mean = -3.954545

std = 13.169652

RMS = 13.606482

```
***Row Num = 315
Min = -77.000000
Max = 67.000000
Mean = -4.000000
std = 23.360671
RMS = 23.437538
```

```
***Row Num = 316
Min = -24.000000
Max = 19.000000
Mean = -1.227273
std = 9.837904
RMS = 9.802597
```

```
***Row Num = 317
Min = -24.000000
Max = 30.000000
Mean = -1.818182
std = 10.343569
RMS = 10.385742
```

```
***Row Num = 318
Min = -38.000000
Max = 42.000000
Mean = -1.977273
std = 14.872307
RMS = 14.834695
```

```
***Row Num = 319
Min = -59.000000
Max = 54.000000
Mean = -3.727273
std = 23.402806
RMS = 23.433659
```

```
***Row Num = 320
Min = -66.000000
Max = 46.000000
Mean = -5.545455
std = 19.056165
RMS = 19.637626
```

```
***Row Num = 321
Min = -92.000000
Max = 36.000000
Mean = -7.227273
std = 22.248976
RMS = 23.151674
```

```
***Row Num = 322
Min = -60.000000
Max = 22.000000
Mean = -3.659091
std = 15.401515
RMS = 15.659008
-----
```

```
***Row Num = 323
Min = -25.000000
Max = 48.000000
Mean = 0.000000
std = 13.036621
RMS = 12.887626
-----
```

```
***Row Num = 324
Min = -53.000000
Max = 45.000000
Mean = -1.500000
std = 16.273105
RMS = 16.156901
-----
```

```
***Row Num = 325
Min = -106.000000
Max = 78.000000
Mean = -10.818182
std = 36.009219
RMS = 37.205205
-----
```

```
***Row Num = 326
Min = -46.000000
Max = 33.000000
Mean = -2.068182
std = 16.832137
RMS = 16.767799
-----
```

```
***Row Num = 327
Min = -39.000000
Max = 33.000000
Mean = 0.522727
std = 14.303177
RMS = 14.149366
-----
```

```
***Row Num = 328
Min = -69.000000
Max = 59.000000
Mean = -1.272727
std = 25.084382
RMS = 24.830333
-----
```

```
***Row Num = 329
```

```
Min = -110.810000
Max = 64.063000
Mean = -3.839455
std = 28.237030
RMS = 28.177121
```

```
-----
***Row Num = 330
Min = -110.810000
Max = 64.063000
Mean = -3.839455
std = 28.237030
RMS = 28.177121
```

```
-----
***Row Num = 331
Min = -110.810000
Max = 64.063000
Mean = -3.839455
std = 28.237030
RMS = 28.177121
```

```
-----
***Row Num = 332
Min = -83.500000
Max = 133.880000
Mean = 10.192000
std = 44.742084
RMS = 45.389803
```

```
-----
***Row Num = 333
Min = -83.500000
Max = 133.880000
Mean = 10.192000
std = 44.742084
RMS = 45.389803
```

```
-----
***Row Num = 334
Min = -83.500000
Max = 133.880000
Mean = 10.192000
std = 44.742084
RMS = 45.389803
```

```
-----
***Row Num = 335
Min = 2.590300
Max = 3.614900
Mean = 3.328218
std = 0.350531
RMS = 3.346209
```

```
-----
***Row Num = 336
Min = 3.072800
```

```
Max = 4.859600
Mean = 4.327998
std = 0.709349
RMS = 4.384439
```

```
***Row Num = 337
Min = 8.473700
Max = 9.792700
Mean = 8.878520
std = 0.440781
RMS = 8.889207
```

```
***Row Num = 338
Min = 6.329700
Max = 7.458200
Mean = 6.790105
std = 0.328042
RMS = 6.797844
```

```
***Row Num = 339
Min = 2.913400
Max = 5.638000
Mean = 4.120268
std = 0.920962
RMS = 4.219657
```

```
***Row Num = 340
Min = 1.817500
Max = 3.457300
Mean = 2.774177
std = 0.525993
RMS = 2.822488
```

```
***Row Num = 341
Min = 0.034180
Max = 1.230000
Mean = 0.133301
std = 0.208813
RMS = 0.245725
```

```
***Row Num = 342
Min = -0.856930
Max = -0.520510
Mean = -0.780362
std = 0.080688
RMS = 0.784428
```

```
***Row Num = 343
Min = 0.153320
Max = 0.667480
```



```
Mean = 0.591874
std = 0.081591
RMS = 0.597344
```

```
***Row Num = 344
Min = -0.640630
Max = 1.247600
Mean = 0.317905
std = 0.467579
RMS = 0.561003
```

```
***Row Num = 345
Min = 0.156740
Max = 1.415000
Mean = 0.710305
std = 0.270192
RMS = 0.758866
```

```
***Row Num = 346
Min = -0.014648
Max = 0.783200
Mean = 0.449662
std = 0.212623
RMS = 0.496364
```

```
***Row Num = 347
Min = -35.000000
Max = 23.000000
Mean = -0.681818
std = 11.243133
RMS = 11.135529
```

```
***Row Num = 348
Min = -31.000000
Max = 19.000000
Mean = -1.704545
std = 9.929003
RMS = 9.962429
```

```
***Row Num = 349
Min = -30.000000
Max = 19.000000
Mean = -2.250000
std = 10.329738
RMS = 10.456620
```

```
***Row Num = 350
Min = -19.000000
Max = 25.000000
Mean = -0.522727
```

```
std = 9.120610
RMS = 9.031510
```

```
-----
***Row Num = 351
Min = -19.000000
Max = 50.000000
Mean = -2.045455
std = 11.585786
RMS = 11.634588
-----
```

```
***Row Num = 352
Min = -36.000000
Max = 38.000000
Mean = -5.022727
std = 15.886939
RMS = 16.488977
-----
```

```
***Row Num = 353
Min = -51.000000
Max = 27.000000
Mean = -7.545455
std = 15.940959
RMS = 17.472056
-----
```

```
***Row Num = 354
Min = -76.000000
Max = 45.000000
Mean = -5.227273
std = 20.149284
RMS = 20.593468
-----
```

```
***Row Num = 355
Min = -51.000000
Max = 46.000000
Mean = -1.909091
std = 20.164231
RMS = 20.024984
-----
```

```
***Row Num = 356
Min = -25.000000
Max = 35.000000
Mean = -3.045455
std = 11.659819
RMS = 11.922096
-----
```

```
***Row Num = 357
Min = -39.000000
Max = 14.000000
Mean = -2.477273
std = 7.986875
```

RMS = 8.275100

***Row Num = 358

Min = -40.000000

Max = 55.000000

Mean = -2.272727

std = 14.159168

RMS = 14.180653

***Row Num = 359

Min = -98.000000

Max = 115.000000

Mean = 1.500000

std = 36.695162

RMS = 36.306774

***Row Num = 360

Min = -40.000000

Max = 37.000000

Mean = -4.227273

std = 18.137541

RMS = 18.421825

***Row Num = 361

Min = -32.000000

Max = 30.000000

Mean = -3.909091

std = 10.875229

RMS = 11.439565

***Row Num = 362

Min = -89.000000

Max = 56.000000

Mean = -4.931818

std = 21.546486

RMS = 21.863731

***Row Num = 363

Min = -27.813000

Max = 43.375000

Mean = -0.491511

std = 11.322046

RMS = 11.203433

***Row Num = 364

Min = -27.813000

Max = 43.375000

Mean = -0.491511

std = 11.322046

RMS = 11.203433

***Row Num = 365
Min = -27.813000
Max = 43.375000
Mean = -0.491511
std = 11.322046
RMS = 11.203433

***Row Num = 366
Min = -81.000000
Max = 119.500000
Mean = 9.055466
std = 31.807359
RMS = 32.721800

***Row Num = 367
Min = -81.000000
Max = 119.500000
Mean = 9.055466
std = 31.807359
RMS = 32.721800

***Row Num = 368
Min = -81.000000
Max = 119.500000
Mean = 9.055466
std = 31.807359
RMS = 32.721800

***Row Num = 369
Min = 3.099100
Max = 3.568800
Mean = 3.515666
std = 0.070670
RMS = 3.516360

***Row Num = 370
Min = 3.280300
Max = 4.901200
Mean = 4.778995
std = 0.307423
RMS = 4.788649

***Row Num = 371
Min = 8.523300
Max = 9.410500
Mean = 8.663141
std = 0.131756
RMS = 8.664120

```
***Row Num = 372
Min = 6.295700
Max = 7.071000
Mean = 6.609455
std = 0.189773
RMS = 6.612117
```

```
***Row Num = 373
Min = 2.944600
Max = 5.512000
Mean = 4.416180
std = 0.733918
RMS = 4.475381
```

```
***Row Num = 374
Min = 2.118000
Max = 3.394400
Mean = 2.971807
std = 0.354665
RMS = 2.992418
```

```
***Row Num = 375
Min = 0.033691
Max = 1.182100
Mean = 0.153353
std = 0.250758
RMS = 0.291492
```

```
***Row Num = 376
Min = -0.833980
Max = -0.537110
Mean = -0.769753
std = 0.081549
RMS = 0.773963
```

```
***Row Num = 377
Min = -0.021973
Max = 0.675290
Mean = 0.586348
std = 0.112226
RMS = 0.596752
```

```
***Row Num = 378
Min = -0.436520
Max = 1.107900
Mean = 0.326115
std = 0.449483
RMS = 0.551176
```

```
***Row Num = 379
```

```
Min = 0.216800
Max = 1.340300
Mean = 0.709639
std = 0.279283
RMS = 0.761455
```

```
***Row Num = 380
Min = 0.004883
Max = 0.761230
Mean = 0.435580
std = 0.208388
RMS = 0.481839
```

```
***Row Num = 381
Min = -19.000000
Max = 16.000000
Mean = 1.363636
std = 7.891977
RMS = 7.920055
```

```
***Row Num = 382
Min = -17.000000
Max = 22.000000
Mean = 1.113636
std = 9.361514
RMS = 9.321286
```

```
***Row Num = 383
Min = -26.000000
Max = 21.000000
Mean = -1.500000
std = 10.102958
RMS = 10.099505
```

```
***Row Num = 384
Min = -29.000000
Max = 25.000000
Mean = -1.931818
std = 11.291894
RMS = 11.328765
```

```
***Row Num = 385
Min = -19.000000
Max = 19.000000
Mean = -1.022727
std = 8.286971
RMS = 8.255852
```

```
***Row Num = 386
Min = -54.000000
```

```
Max = 27.000000  
Mean = -0.727273  
std = 14.455004  
RMS = 14.308294
```

```
***Row Num = 387  
Min = -31.000000  
Max = 46.000000  
Mean = 2.045455  
std = 16.918346  
RMS = 16.849602
```

```
***Row Num = 388  
Min = -30.000000  
Max = 84.000000  
Mean = 5.409091  
std = 18.622715  
RMS = 19.188064
```

```
***Row Num = 389  
Min = -87.000000  
Max = 64.000000  
Mean = -1.863636  
std = 28.769809  
RMS = 28.501994
```

```
***Row Num = 390  
Min = -37.000000  
Max = 18.000000  
Mean = -3.181818  
std = 13.186097  
RMS = 13.418102
```

```
***Row Num = 391  
Min = -51.000000  
Max = 31.000000  
Mean = -1.545455  
std = 11.724462  
RMS = 11.693044
```

```
***Row Num = 392  
Min = -31.000000  
Max = 22.000000  
Mean = -0.568182  
std = 11.115457  
RMS = 11.003099
```

```
***Row Num = 393  
Min = -108.000000  
Max = 101.000000
```

```
Mean = 2.909091
std = 44.015757
RMS = 43.609840
```

```
-----
***Row Num = 394
Min = -35.000000
Max = 56.000000
Mean = 0.045455
std = 19.003004
RMS = 18.785875
```

```
-----
***Row Num = 395
Min = -29.000000
Max = 29.000000
Mean = -1.250000
std = 13.895164
RMS = 13.793114
```

```
-----
***Row Num = 396
Min = -57.000000
Max = 60.000000
Mean = 0.931818
std = 28.434664
RMS = 28.125126
```

```
-----
***Row Num = 397
Min = -25.438000
Max = 54.188000
Mean = -0.515614
std = 10.605625
RMS = 10.497085
```

```
-----
***Row Num = 398
Min = -25.438000
Max = 54.188000
Mean = -0.515614
std = 10.605625
RMS = 10.497085
```

```
-----
***Row Num = 399
Min = -25.438000
Max = 54.188000
Mean = -0.515614
std = 10.605625
RMS = 10.497085
```

```
-----
***Row Num = 400
Min = -79.188000
Max = 104.750000
Mean = 8.651966
```



```
std = 36.960668
RMS = 37.548634
```

```
-----
***Row Num = 401
Min = -79.188000
Max = 104.750000
Mean = 8.651966
std = 36.960668
RMS = 37.548634
```

```
-----
***Row Num = 402
Min = -79.188000
Max = 104.750000
Mean = 8.651966
std = 36.960668
RMS = 37.548634
```

```
-----
***Row Num = 403
Min = 2.952900
Max = 3.567100
Mean = 3.514764
std = 0.105404
RMS = 3.516308
```

```
-----
***Row Num = 404
Min = 3.189200
Max = 4.947600
Mean = 4.740755
std = 0.399163
RMS = 4.757149
```

```
-----
***Row Num = 405
Min = 8.528400
Max = 9.520000
Mean = 8.668714
std = 0.177066
RMS = 8.670481
```

```
-----
***Row Num = 406
Min = 6.354200
Max = 6.951900
Mean = 6.645220
std = 0.145807
RMS = 6.646784
```

```
-----
***Row Num = 407
Min = 3.019700
Max = 5.364500
Mean = 4.395911
std = 0.762878
```

RMS = 4.460134

***Row Num = 408

Min = 2.220700

Max = 3.347600

Mean = 2.918698

std = 0.343520

RMS = 2.938387

***Row Num = 409

Min = -0.008301

Max = 1.123500

Mean = 0.126930

std = 0.240886

RMS = 0.269849

***Row Num = 410

Min = -0.837400

Max = -0.507810

Mean = -0.752497

std = 0.079543

RMS = 0.756594

***Row Num = 411

Min = 0.056641

Max = 0.717290

Mean = 0.624267

std = 0.100383

RMS = 0.632105

***Row Num = 412

Min = -0.369140

Max = 1.156300

Mean = 0.278297

std = 0.413316

RMS = 0.494365

***Row Num = 413

Min = 0.262700

Max = 1.444300

Mean = 0.747370

std = 0.269106

RMS = 0.793305

***Row Num = 414

Min = -0.012207

Max = 0.852050

Mean = 0.460915

std = 0.206648

RMS = 0.504159

```
-----  
***Row Num = 415  
Min = -12.000000  
Max = 10.000000  
Mean = -0.386364  
std = 5.274846  
RMS = 5.228854  
-----
```

```
***Row Num = 416  
Min = -10.000000  
Max = 10.000000  
Mean = -0.704545  
std = 4.095258  
RMS = 4.109302  
-----
```

```
***Row Num = 417  
Min = -9.000000  
Max = 14.000000  
Mean = 0.681818  
std = 6.133297  
RMS = 6.101416  
-----
```

```
***Row Num = 418  
Min = -18.000000  
Max = 18.000000  
Mean = 0.454545  
std = 6.694165  
RMS = 6.633250  
-----
```

```
***Row Num = 419  
Min = -11.000000  
Max = 19.000000  
Mean = 0.045455  
std = 6.551955  
RMS = 6.477233  
-----
```

```
***Row Num = 420  
Min = -18.000000  
Max = 29.000000  
Mean = 1.386364  
std = 9.565480  
RMS = 9.557244  
-----
```

```
***Row Num = 421  
Min = -18.000000  
Max = 20.000000  
Mean = 1.159091  
std = 7.850176  
RMS = 7.846539  
-----
```

```
***Row Num = 422
Min = -18.000000
Max = 32.000000
Mean = 0.181818
std = 9.379028
RMS = 9.273618
```

```
***Row Num = 423
Min = -60.000000
Max = 69.000000
Mean = 2.863636
std = 23.187397
RMS = 23.100571
```

```
***Row Num = 424
Min = -28.000000
Max = 26.000000
Mean = -0.181818
std = 9.843597
RMS = 9.732794
```

```
***Row Num = 425
Min = -40.000000
Max = 72.000000
Mean = 3.340909
std = 20.215057
RMS = 20.261360
```

```
***Row Num = 426
Min = -35.000000
Max = 38.000000
Mean = -1.090909
std = 12.532410
RMS = 12.437115
```

```
***Row Num = 427
Min = -89.000000
Max = 88.000000
Mean = -4.454545
std = 39.029181
RMS = 38.839413
```

```
***Row Num = 428
Min = -37.000000
Max = 35.000000
Mean = 1.681818
std = 15.263229
RMS = 15.182226
```

```
***Row Num = 429
```

```
Min = -22.000000
Max = 78.000000
Mean = 4.545455
std = 16.814244
RMS = 17.232369
```

```
-----
***Row Num = 430
Min = -87.000000
Max = 83.000000
Mean = 3.727273
std = 35.352947
RMS = 35.147094
```

```
-----
***Row Num = 431
Min = -20.750000
Max = 53.938000
Mean = 1.369330
std = 12.411502
RMS = 12.345826
```

```
-----
***Row Num = 432
Min = -20.750000
Max = 53.938000
Mean = 1.369330
std = 12.411502
RMS = 12.345826
```

```
-----
***Row Num = 433
Min = -20.750000
Max = 53.938000
Mean = 1.369330
std = 12.411502
RMS = 12.345826
```

```
-----
***Row Num = 434
Min = -67.938000
Max = 82.938000
Mean = 3.565375
std = 27.896981
RMS = 27.807663
```

```
-----
***Row Num = 435
Min = -67.938000
Max = 82.938000
Mean = 3.565375
std = 27.896981
RMS = 27.807663
```

```
-----
***Row Num = 436
Min = -67.938000
```

```
Max = 82.938000
Mean = 3.565375
std = 27.896981
RMS = 27.807663
```

```
***Row Num = 437
Min = 3.103800
Max = 3.676900
Mean = 3.587541
std = 0.082088
RMS = 3.588459
```

```
***Row Num = 438
Min = 3.254700
Max = 4.958800
Mean = 4.795507
std = 0.358688
RMS = 4.808598
```

```
***Row Num = 439
Min = 8.633600
Max = 9.442600
Mean = 8.758930
std = 0.136493
RMS = 8.759969
```

```
***Row Num = 440
Min = 6.353600
Max = 6.950400
Mean = 6.626075
std = 0.141461
RMS = 6.627551
```

```
***Row Num = 441
Min = 3.025000
Max = 5.173700
Mean = 4.490743
std = 0.670209
RMS = 4.539355
```

```
***Row Num = 442
Min = 2.161000
Max = 3.260200
Mean = 2.851305
std = 0.291518
RMS = 2.865831
```

```
***Row Num = 443
Min = -0.049805
Max = 1.396000
```

```
Mean = 0.431317
std = 0.470933
RMS = 0.634643
```

```
***Row Num = 444
Min = -0.828610
Max = -0.110350
Mean = -0.607988
std = 0.196280
RMS = 0.638200
```

```
***Row Num = 445
Min = -0.297850
Max = 0.744630
Mean = 0.412187
std = 0.289087
RMS = 0.501568
```

```
***Row Num = 446
Min = -0.927730
Max = 1.718800
Mean = 0.583465
std = 0.560867
RMS = 0.804894
```

```
***Row Num = 447
Min = -0.127440
Max = 1.785200
Mean = 0.541827
std = 0.333047
RMS = 0.634016
```

```
***Row Num = 448
Min = -0.236820
Max = 1.078100
Mean = 0.319779
std = 0.292738
RMS = 0.431285
```

```
***Row Num = 449
Min = -35.000000
Max = 22.000000
Mean = -0.522727
std = 9.364675
RMS = 9.272393
```

```
***Row Num = 450
Min = -23.000000
Max = 23.000000
Mean = -0.681818
```

```
std = 6.917362
RMS = 6.872210
```

```
-----
***Row Num = 451
Min = -47.000000
Max = 38.000000
Mean = -2.295455
std = 14.374686
RMS = 14.394601
-----
```

```
***Row Num = 452
Min = -19.000000
Max = 21.000000
Mean = -2.159091
std = 7.204466
RMS = 7.442202
-----
```

```
***Row Num = 453
Min = -16.000000
Max = 21.000000
Mean = -1.886364
std = 6.922212
RMS = 7.098335
-----
```

```
***Row Num = 454
Min = -21.000000
Max = 18.000000
Mean = -0.090909
std = 8.063176
RMS = 7.971540
-----
```

```
***Row Num = 455
Min = -62.000000
Max = 44.000000
Mean = 2.500000
std = 20.578268
RMS = 20.496119
-----
```

```
***Row Num = 456
Min = -51.000000
Max = 65.000000
Mean = -2.590909
std = 21.706625
RMS = 21.614389
-----
```

```
***Row Num = 457
Min = -71.000000
Max = 52.000000
Mean = -2.681818
std = 17.877845
```


RMS = 17.875834

***Row Num = 458
Min = -81.000000
Max = 24.000000
Mean = -2.636364
std = 16.005945
RMS = 16.041140

***Row Num = 459
Min = -53.000000
Max = 68.000000
Mean = 0.704545
std = 20.441157
RMS = 20.219815

***Row Num = 460
Min = -29.000000
Max = 76.000000
Mean = 1.613636
std = 18.661259
RMS = 18.518418

***Row Num = 461
Min = -123.000000
Max = 127.000000
Mean = -5.295455
std = 44.473446
RMS = 44.282923

***Row Num = 462
Min = -55.000000
Max = 56.000000
Mean = -1.681818
std = 19.285822
RMS = 19.139440

***Row Num = 463
Min = -44.000000
Max = 35.000000
Mean = -0.363636
std = 15.292635
RMS = 15.122229

***Row Num = 464
Min = -43.000000
Max = 56.000000
Mean = -1.113636
std = 17.988647
RMS = 17.817892

***Row Num = 465
Min = -109.380000
Max = 76.625000
Mean = 1.326625
std = 28.073747
RMS = 27.784582

***Row Num = 466
Min = -109.380000
Max = 76.625000
Mean = 1.326625
std = 28.073747
RMS = 27.784582

***Row Num = 467
Min = -109.380000
Max = 76.625000
Mean = 1.326625
std = 28.073747
RMS = 27.784582

***Row Num = 468
Min = -100.500000
Max = 93.063000
Mean = 1.036932
std = 39.057649
RMS = 38.625183

***Row Num = 469
Min = -100.500000
Max = 93.063000
Mean = 1.036932
std = 39.057649
RMS = 38.625183

***Row Num = 470
Min = -100.500000
Max = 93.063000
Mean = 1.036932
std = 39.057649
RMS = 38.625183

***Row Num = 471
Min = 2.620000
Max = 3.664800
Mean = 3.313684
std = 0.410376
RMS = 3.338425

```
***Row Num = 472
Min = 3.055200
Max = 5.017800
Mean = 4.208850
std = 0.846418
RMS = 4.291219
```

```
***Row Num = 473
Min = 0.020876
Max = 9.865800
Mean = 8.936104
std = 1.441822
RMS = 9.049064
```

```
***Row Num = 474
Min = 6.212300
Max = 7.292300
Mean = 6.729989
std = 0.317464
RMS = 6.737302
```

```
***Row Num = 475
Min = 2.942500
Max = 5.134100
Mean = 3.884909
std = 0.859925
RMS = 3.976831
```

```
***Row Num = 476
Min = 1.548500
Max = 2.946600
Mean = 2.296777
std = 0.452967
RMS = 2.340022
```

```
***Row Num = 477
Min = -0.023926
Max = 1.456100
Mean = 0.423473
std = 0.465366
RMS = 0.625278
```

```
***Row Num = 478
Min = -0.836910
Max = -0.020508
Mean = -0.600775
std = 0.225267
RMS = 0.640720
```

```
***Row Num = 479
```

```
Min = -0.558590
Max = 0.748050
Mean = 0.405207
std = 0.320888
RMS = 0.514609
```

```
***Row Num = 480
Min = -0.743650
Max = 1.902800
Mean = 0.632003
std = 0.541354
RMS = 0.828150
```

```
***Row Num = 481
Min = -0.044922
Max = 1.775400
Mean = 0.513129
std = 0.353035
RMS = 0.620566
```

```
***Row Num = 482
Min = -0.432130
Max = 1.162600
Mean = 0.309138
std = 0.317333
RMS = 0.440429
```

```
***Row Num = 483
Min = -45.000000
Max = 33.000000
Mean = -2.250000
std = 12.469731
RMS = 12.530871
```

```
***Row Num = 484
Min = -31.000000
Max = 11.000000
Mean = -3.159091
std = 7.172114
RMS = 7.762087
```

```
***Row Num = 485
Min = -24.000000
Max = 23.000000
Mean = -2.431818
std = 7.895827
RMS = 8.175629
```

```
***Row Num = 486
Min = -21.000000
```

```
Max = 10.000000  
Mean = -2.000000  
std = 6.782330  
RMS = 6.996752
```

```
***Row Num = 487  
Min = -18.000000  
Max = 21.000000  
Mean = -0.681818  
std = 7.152078  
RMS = 7.103136
```

```
***Row Num = 488  
Min = -32.000000  
Max = 22.000000  
Mean = -2.045455  
std = 12.285281  
RMS = 12.315917
```

```
***Row Num = 489  
Min = -53.000000  
Max = 33.000000  
Mean = -2.318182  
std = 18.002290  
RMS = 17.946891
```

```
***Row Num = 490  
Min = -32.000000  
Max = 45.000000  
Mean = 3.818182  
std = 15.292912  
RMS = 15.592831
```

```
***Row Num = 491  
Min = -78.000000  
Max = 64.000000  
Mean = 0.840909  
std = 27.530907  
RMS = 27.229246
```

```
***Row Num = 492  
Min = -37.000000  
Max = 46.000000  
Mean = -1.659091  
std = 13.844558  
RMS = 13.786522
```

```
***Row Num = 493  
Min = -63.000000  
Max = 80.000000
```

```
Mean = 3.295455
std = 20.009974
RMS = 20.053905
```

```
***Row Num = 494
Min = -22.000000
Max = 37.000000
Mean = 1.090909
std = 10.713647
RMS = 10.647236
```

```
***Row Num = 495
Min = -60.000000
Max = 95.000000
Mean = 0.977273
std = 24.559835
RMS = 24.298803
```

```
***Row Num = 496
Min = -38.000000
Max = 51.000000
Mean = 1.159091
std = 15.834821
RMS = 15.696699
```

```
***Row Num = 497
Min = -61.000000
Max = 34.000000
Mean = -1.363636
std = 16.593766
RMS = 16.460697
```

```
***Row Num = 498
Min = -58.000000
Max = 101.000000
Mean = -4.318182
std = 28.442331
RMS = 28.446920
```

```
***Row Num = 499
Min = -56.625000
Max = 50.813000
Mean = -0.156227
std = 16.545296
RMS = 16.356947
```

```
***Row Num = 500
Min = -56.625000
Max = 50.813000
Mean = -0.156227
```

```
std = 16.545296
RMS = 16.356947
```

```
-----
***Row Num = 501
Min = -56.625000
Max = 50.813000
Mean = -0.156227
std = 16.545296
RMS = 16.356947
```

```
-----
***Row Num = 502
Min = -121.500000
Max = 112.880000
Mean = 1.301341
std = 47.117555
RMS = 46.597226
```

```
-----
***Row Num = 503
Min = -121.500000
Max = 112.880000
Mean = 1.301341
std = 47.117555
RMS = 46.597226
```

```
-----
***Row Num = 504
Min = -121.500000
Max = 112.880000
Mean = 1.301341
std = 47.117555
RMS = 46.597226
```

```
-----
***Row Num = 505
Min = 2.457900
Max = 3.627000
Mean = 3.230336
std = 0.487394
RMS = 3.266072
```

```
-----
***Row Num = 506
Min = 3.029800
Max = 4.985100
Mean = 4.193075
std = 0.887520
RMS = 4.283885
```

```
-----
***Row Num = 507
Min = 0.008979
Max = 9.996400
Mean = 8.359312
std = 2.693830
```

RMS = 8.773248

***Row Num = 508

Min = 6.221200

Max = 7.369400

Mean = 6.743814

std = 0.338362

RMS = 6.752104

***Row Num = 509

Min = 2.888500

Max = 5.188900

Mean = 3.816989

std = 0.884710

RMS = 3.915907

***Row Num = 510

Min = 1.411100

Max = 2.810600

Mean = 2.116164

std = 0.460613

RMS = 2.164600

***Row Num = 511

Min = -0.069824

Max = 1.558100

Mean = 0.483254

std = 0.420351

RMS = 0.637348

***Row Num = 512

Min = -0.845210

Max = -0.293460

Mean = -0.581488

std = 0.196432

RMS = 0.613055

***Row Num = 513

Min = -0.596680

Max = 0.679200

Mean = 0.379683

std = 0.303303

RMS = 0.483799

***Row Num = 514

Min = -0.829100

Max = 1.919400

Mean = 0.546621

std = 0.565997

RMS = 0.782219

```
***Row Num = 515
Min = -0.272460
Max = 1.672900
Mean = 0.547465
std = 0.366864
RMS = 0.656695
```

```
***Row Num = 516
Min = -0.909670
Max = 1.104000
Mean = 0.357211
std = 0.363247
RMS = 0.506507
```

```
***Row Num = 517
Min = -30.000000
Max = 14.000000
Mean = -2.363636
std = 7.814985
RMS = 8.079154
```

```
***Row Num = 518
Min = -17.000000
Max = 9.000000
Mean = -2.227273
std = 5.713565
RMS = 6.071543
```

```
***Row Num = 519
Min = -24.000000
Max = 26.000000
Mean = 0.545455
std = 10.695477
RMS = 10.587299
```

```
***Row Num = 520
Min = -16.000000
Max = 22.000000
Mean = -0.977273
std = 6.613899
RMS = 6.610941
```

```
***Row Num = 521
Min = -12.000000
Max = 11.000000
Mean = -0.954545
std = 4.318454
RMS = 4.374513
```

```
***Row Num = 522  
Min = -28.000000  
Max = 28.000000  
Mean = -1.545455  
std = 11.570722  
RMS = 11.542412
```

```
***Row Num = 523  
Min = -75.000000  
Max = 19.000000  
Mean = -7.318182  
std = 19.550498  
RMS = 20.666178
```

```
***Row Num = 524  
Min = -24.000000  
Max = 34.000000  
Mean = 0.409091  
std = 11.791440  
RMS = 11.663852
```

```
***Row Num = 525  
Min = -72.000000  
Max = 47.000000  
Mean = 2.227273  
std = 20.942739  
RMS = 20.822846
```

```
***Row Num = 526  
Min = -34.000000  
Max = 19.000000  
Mean = -0.250000  
std = 7.991638  
RMS = 7.904257
```

```
***Row Num = 527  
Min = -63.000000  
Max = 14.000000  
Mean = -4.090909  
std = 12.324712  
RMS = 12.852308
```

```
***Row Num = 528  
Min = -33.000000  
Max = 24.000000  
Mean = -0.522727  
std = 9.133350  
RMS = 9.044084
```

```
***Row Num = 529
```

```
Min = -128.000000
Max = 91.000000
Mean = -7.250000
std = 36.583212
RMS = 36.884648
```

```
***Row Num = 530
Min = -43.000000
Max = 40.000000
Mean = -0.545455
std = 17.986370
RMS = 17.789169
```

```
***Row Num = 531
Min = -40.000000
Max = 43.000000
Mean = -1.340909
std = 13.416309
RMS = 13.330587
```

```
***Row Num = 532
Min = -74.000000
Max = 76.000000
Mean = -3.318182
std = 26.466102
RMS = 26.373196
```

```
***Row Num = 533
Min = -80.000000
Max = 146.560000
Mean = 0.701648
std = 31.185727
RMS = 30.837290
```

```
***Row Num = 534
Min = -80.000000
Max = 146.560000
Mean = 0.701648
std = 31.185727
RMS = 30.837290
```

```
***Row Num = 535
Min = -80.000000
Max = 146.560000
Mean = 0.701648
std = 31.185727
RMS = 30.837290
```

```
***Row Num = 536
Min = -94.688000
```

```
Max = 103.500000  
Mean = 5.097989  
std = 30.756176  
RMS = 30.829096
```

```
***Row Num = 537  
Min = -94.688000  
Max = 103.500000  
Mean = 5.097989  
std = 30.756176  
RMS = 30.829096
```

```
***Row Num = 538  
Min = -94.688000  
Max = 103.500000  
Mean = 5.097989  
std = 30.756176  
RMS = 30.829096
```

```
***Row Num = 539  
Min = 2.566400  
Max = 3.657500  
Mean = 3.283370  
std = 0.393005  
RMS = 3.306277
```

```
***Row Num = 540  
Min = 3.094300  
Max = 4.796300  
Mean = 4.060109  
std = 0.785849  
RMS = 4.133764
```

```
***Row Num = 541  
Min = 0.027903  
Max = 9.826700  
Mean = 9.016389  
std = 1.453680  
RMS = 9.130193
```

```
***Row Num = 542  
Min = 6.239100  
Max = 7.716600  
Mean = 6.720932  
std = 0.365471  
RMS = 6.730636
```

```
***Row Num = 543  
Min = 2.940700  
Max = 5.252000
```

```
Mean = 3.945102
std = 0.878452
RMS = 4.039551
```

```
-----
***Row Num = 544
Min = 1.030200
Max = 2.613400
Mean = 2.007216
std = 0.506175
RMS = 2.068648
```

```
-----
***Row Num = 545
Min = 0.055664
Max = 1.233900
Mean = 0.464811
std = 0.410206
RMS = 0.616842
```

```
-----
***Row Num = 546
Min = -0.964840
Max = -0.312500
Mean = -0.635876
std = 0.185841
RMS = 0.661883
```

```
-----
***Row Num = 547
Min = -0.187010
Max = 0.752440
Mean = 0.420099
std = 0.282957
RMS = 0.504707
```

```
-----
***Row Num = 548
Min = -0.700200
Max = 1.853000
Mean = 0.552322
std = 0.561113
RMS = 0.782784
```

```
-----
***Row Num = 549
Min = 0.027344
Max = 1.847700
Mean = 0.576085
std = 0.358466
RMS = 0.676351
```

```
-----
***Row Num = 550
Min = -0.239260
Max = 0.938480
Mean = 0.359631
```

```
std = 0.294754  
RMS = 0.462860
```

```
-----  
***Row Num = 551  
Min = -18.000000  
Max = 19.000000  
Mean = 1.454545  
std = 6.507436  
RMS = 6.595453
```

```
-----  
***Row Num = 552  
Min = -9.000000  
Max = 13.000000  
Mean = 0.090909  
std = 4.840806  
RMS = 4.786344
```

```
-----  
***Row Num = 553  
Min = -16.000000  
Max = 31.000000  
Mean = -0.886364  
std = 8.766256  
RMS = 8.711278
```

```
-----  
***Row Num = 554  
Min = -14.000000  
Max = 17.000000  
Mean = -1.113636  
std = 6.800191  
RMS = 6.814090
```

```
-----  
***Row Num = 555  
Min = -21.000000  
Max = 22.000000  
Mean = -1.659091  
std = 7.730770  
RMS = 7.820428
```

```
-----  
***Row Num = 556  
Min = -39.000000  
Max = 22.000000  
Mean = -0.704545  
std = 11.975905  
RMS = 11.859979
```

```
-----  
***Row Num = 557  
Min = -110.000000  
Max = 34.000000  
Mean = 0.909091  
std = 21.484249
```

RMS = 21.258154

***Row Num = 558
Min = -22.000000
Max = 55.000000
Mean = 0.863636
std = 14.707364
RMS = 14.564902

***Row Num = 559
Min = -44.000000
Max = 39.000000
Mean = -2.454545
std = 17.995419
RMS = 17.958285

***Row Num = 560
Min = -20.000000
Max = 25.000000
Mean = 0.386364
std = 9.589762
RMS = 9.488031

***Row Num = 561
Min = -70.000000
Max = 81.000000
Mean = -1.886364
std = 20.050188
RMS = 19.910596

***Row Num = 562
Min = -70.000000
Max = 26.000000
Mean = -2.318182
std = 14.089040
RMS = 14.119619

***Row Num = 563
Min = -57.000000
Max = 99.000000
Mean = 2.613636
std = 30.838074
RMS = 30.597460

***Row Num = 564
Min = -33.000000
Max = 55.000000
Mean = -3.590909
std = 14.093241
RMS = 14.387495

```
***Row Num = 565
Min = -83.000000
Max = 28.000000
Mean = -3.454545
std = 17.311717
RMS = 17.459043
```

```
***Row Num = 566
Min = -55.000000
Max = 45.000000
Mean = -0.909091
std = 20.253990
RMS = 20.043135
```

```
***Row Num = 567
Min = -97.625000
Max = 62.125000
Mean = -2.609432
std = 23.758996
RMS = 23.631963
```

```
***Row Num = 568
Min = -97.625000
Max = 62.125000
Mean = -2.609432
std = 23.758996
RMS = 23.631963
```

```
***Row Num = 569
Min = -97.625000
Max = 62.125000
Mean = -2.609432
std = 23.758996
RMS = 23.631963
```

```
***Row Num = 570
Min = -70.875000
Max = 74.125000
Mean = 3.853682
std = 32.214503
RMS = 32.078643
```

```
***Row Num = 571
Min = -70.875000
Max = 74.125000
Mean = 3.853682
std = 32.214503
RMS = 32.078643
```

```
***Row Num = 572
Min = -70.875000
Max = 74.125000
Mean = 3.853682
std = 32.214503
RMS = 32.078643
-----
```

```
***Row Num = 573
Min = 2.562100
Max = 3.590600
Mean = 3.308745
std = 0.362290
RMS = 3.328073
-----
```

```
***Row Num = 574
Min = 3.102200
Max = 4.820800
Mean = 4.133627
std = 0.745754
RMS = 4.198855
-----
```

```
***Row Num = 575
Min = 0.019929
Max = 9.987200
Mean = 8.958412
std = 1.448259
RMS = 9.072096
-----
```

```
***Row Num = 576
Min = 6.295800
Max = 7.497400
Mean = 6.715936
std = 0.334692
RMS = 6.724082
-----
```

```
***Row Num = 577
Min = 2.973900
Max = 5.188000
Mean = 4.013016
std = 0.829840
RMS = 4.096008
-----
```

```
***Row Num = 578
Min = 1.064500
Max = 2.481900
Mean = 1.973764
std = 0.473335
RMS = 2.028472
-----
```

```
***Row Num = 579
```

```
Min = -0.106930
Max = 1.686500
Mean = 0.438663
std = 0.463883
RMS = 0.634604
```

```
***Row Num = 580
Min = -0.857420
Max = -0.242190
Mean = -0.642944
std = 0.205807
RMS = 0.674367
```

```
***Row Num = 581
Min = -0.289060
Max = 0.757810
Mean = 0.398082
std = 0.284822
RMS = 0.487595
```

```
***Row Num = 582
Min = -0.900880
Max = 2.194300
Mean = 0.580744
std = 0.654213
RMS = 0.869213
```

```
***Row Num = 583
Min = -0.260740
Max = 1.656700
Mean = 0.532759
std = 0.341430
RMS = 0.630680
```

```
***Row Num = 584
Min = -0.249020
Max = 0.877930
Mean = 0.347401
std = 0.309260
RMS = 0.462770
```

```
***Row Num = 585
Min = -29.000000
Max = 39.000000
Mean = 0.068182
std = 11.650727
RMS = 11.517773
```

```
***Row Num = 586
Min = -38.000000
```

```
Max = 42.000000
Mean = 0.500000
std = 12.091704
RMS = 11.963961
```

```
***Row Num = 587
Min = -39.000000
Max = 40.000000
Mean = -0.977273
std = 12.848832
RMS = 12.739523
```

```
***Row Num = 588
Min = -27.000000
Max = 15.000000
Mean = -1.840909
std = 8.421852
RMS = 8.526696
```

```
***Row Num = 589
Min = -24.000000
Max = 27.000000
Mean = -0.636364
std = 9.570038
RMS = 9.482040
```

```
***Row Num = 590
Min = -28.000000
Max = 30.000000
Mean = 0.022727
std = 13.051755
RMS = 12.902607
```

```
***Row Num = 591
Min = -89.000000
Max = 45.000000
Mean = -1.590909
std = 23.306171
RMS = 23.094667
```

```
***Row Num = 592
Min = -57.000000
Max = 22.000000
Mean = -0.931818
std = 14.013943
RMS = 13.885080
```

```
***Row Num = 593
Min = -56.000000
Max = 55.000000
```

```
Mean = 0.000000
std = 19.162706
RMS = 18.943696
```

```
-----
***Row Num = 594
Min = -26.000000
Max = 26.000000
Mean = -2.227273
std = 9.882716
RMS = 10.020434
```

```
-----
***Row Num = 595
Min = -35.000000
Max = 127.000000
Mean = 1.204545
std = 22.337350
RMS = 22.114886
```

```
-----
***Row Num = 596
Min = -21.000000
Max = 77.000000
Mean = -0.295455
std = 13.594766
RMS = 13.442639
```

```
-----
***Row Num = 597
Min = -65.000000
Max = 74.000000
Mean = 0.386364
std = 25.480696
RMS = 25.192441
```

```
-----
***Row Num = 598
Min = -53.000000
Max = 30.000000
Mean = 0.454545
std = 15.557029
RMS = 15.385944
```

```
-----
***Row Num = 599
Min = -34.000000
Max = 35.000000
Mean = -2.681818
std = 13.216925
RMS = 13.338257
```

```
-----
***Row Num = 600
Min = -64.000000
Max = 42.000000
Mean = -3.090909
```

```
std = 21.074418
RMS = 21.061598
```

```
-----
***Row Num = 601
Min = -75.875000
Max = 89.750000
Mean = 0.697455
std = 26.106723
RMS = 25.817773
```

```
-----
***Row Num = 602
Min = -75.875000
Max = 89.750000
Mean = 0.697455
std = 26.106723
RMS = 25.817773
```

```
-----
***Row Num = 603
Min = -75.875000
Max = 89.750000
Mean = 0.697455
std = 26.106723
RMS = 25.817773
```

```
-----
***Row Num = 604
Min = -168.310000
Max = 74.063000
Mean = 0.752909
std = 40.200789
RMS = 39.748468
```

```
-----
***Row Num = 605
Min = -168.310000
Max = 74.063000
Mean = 0.752909
std = 40.200789
RMS = 39.748468
```

```
-----
***Row Num = 606
Min = -168.310000
Max = 74.063000
Mean = 0.752909
std = 40.200789
RMS = 39.748468
```

```
-----
***Row Num = 607
Min = 2.529000
Max = 3.579200
Mean = 3.270932
std = 0.376105
```

RMS = 3.291996

***Row Num = 608

Min = 3.062800

Max = 4.833800

Mean = 4.224855

std = 0.760457

RMS = 4.291218

***Row Num = 609

Min = 0.000983

Max = 9.981600

Mean = 7.656030

std = 3.364621

RMS = 8.347346

***Row Num = 610

Min = 6.221600

Max = 7.259200

Mean = 6.677148

std = 0.323477

RMS = 6.684801

***Row Num = 611

Min = 2.924200

Max = 5.137700

Mean = 3.968955

std = 0.840140

RMS = 4.054922

***Row Num = 612

Min = 1.195600

Max = 2.281500

Mean = 1.787284

std = 0.384078

RMS = 1.827169

***Row Num = 613

Min = 0.009277

Max = 1.504900

Mean = 0.344106

std = 0.399790

RMS = 0.524031

***Row Num = 614

Min = -0.796880

Max = -0.289060

Mean = -0.644420

std = 0.147739

RMS = 0.660763

***Row Num = 615
Min = -0.338870
Max = 0.720210
Mean = 0.512185
std = 0.265181
RMS = 0.575375

***Row Num = 616
Min = -1.277800
Max = 1.837400
Mean = 0.445203
std = 0.601529
RMS = 0.742846

***Row Num = 617
Min = 0.085938
Max = 1.332500
Mean = 0.563021
std = 0.273037
RMS = 0.624378

***Row Num = 618
Min = -1.352100
Max = 1.043500
Mean = 0.420255
std = 0.400541
RMS = 0.577409

***Row Num = 619
Min = -13.000000
Max = 10.000000
Mean = -0.363636
std = 5.221115
RMS = 5.174237

***Row Num = 620
Min = -13.000000
Max = 10.000000
Mean = 0.090909
std = 4.147390
RMS = 4.100998

***Row Num = 621
Min = -16.000000
Max = 13.000000
Mean = -1.659091
std = 5.278051
RMS = 5.475150

```
***Row Num = 622  
Min = -10.000000  
Max = 12.000000  
Mean = 0.090909  
std = 4.113609  
RMS = 4.067610
```

```
-----  
***Row Num = 623  
Min = -11.000000  
Max = 23.000000  
Mean = -0.295455  
std = 5.920322  
RMS = 5.860112
```

```
-----  
***Row Num = 624  
Min = -20.000000  
Max = 21.000000  
Mean = 0.522727  
std = 7.571331  
RMS = 7.503030
```

```
-----  
***Row Num = 625  
Min = -46.000000  
Max = 29.000000  
Mean = 0.931818  
std = 14.961031  
RMS = 14.819367
```

```
-----  
***Row Num = 626  
Min = -12.000000  
Max = 40.000000  
Mean = -0.477273  
std = 7.750435  
RMS = 7.676706
```

```
-----  
***Row Num = 627  
Min = -57.000000  
Max = 63.000000  
Mean = 2.363636  
std = 20.116048  
RMS = 20.026119
```

```
-----  
***Row Num = 628  
Min = -86.000000  
Max = 30.000000  
Mean = -1.500000  
std = 15.558591  
RMS = 15.453743
```

```
-----  
***Row Num = 629
```



```
Min = -38.000000
Max = 32.000000
Mean = -0.318182
std = 10.752550
RMS = 10.634421
```

```
-----
***Row Num = 630
Min = -23.000000
Max = 51.000000
Mean = 0.863636
std = 10.531439
RMS = 10.446835
```

```
-----
***Row Num = 631
Min = -96.000000
Max = 127.000000
Mean = 1.227273
std = 36.372021
RMS = 35.977266
```

```
-----
***Row Num = 632
Min = -49.000000
Max = 28.000000
Mean = -4.977273
std = 15.461112
RMS = 16.074401
```

```
-----
***Row Num = 633
Min = -35.000000
Max = 39.000000
Mean = -3.659091
std = 14.983624
RMS = 15.257636
```

```
-----
***Row Num = 634
Min = -67.000000
Max = 100.000000
Mean = -0.795455
std = 27.635989
RMS = 27.331717
```

```
-----
***Row Num = 635
Min = -78.063000
Max = 76.438000
Mean = -1.708841
std = 23.587137
RMS = 23.380093
```

```
-----
***Row Num = 636
Min = -78.063000
```

```
Max = 76.438000
Mean = -1.708841
std = 23.587137
RMS = 23.380093
```

```
***Row Num = 637
Min = -78.063000
Max = 76.438000
Mean = -1.708841
std = 23.587137
RMS = 23.380093
```

```
***Row Num = 638
Min = -157.190000
Max = 97.250000
Mean = 4.298284
std = 44.748646
RMS = 44.445546
```

```
***Row Num = 639
Min = -157.190000
Max = 97.250000
Mean = 4.298284
std = 44.748646
RMS = 44.445546
```

```
***Row Num = 640
Min = -157.190000
Max = 97.250000
Mean = 4.298284
std = 44.748646
RMS = 44.445546
```

```
***Row Num = 641
Min = 2.612900
Max = 3.700800
Mean = 3.469961
std = 0.369011
RMS = 3.489084
```

```
***Row Num = 642
Min = 3.115200
Max = 4.878100
Mean = 4.374732
std = 0.690437
RMS = 4.427657
```

```
***Row Num = 643
Min = 0.005743
Max = 9.994300
```

```
Mean = 8.162062
std = 2.954627
RMS = 8.668948
```

```
-----
***Row Num = 644
Min = 6.110500
Max = 7.553700
Mean = 6.560852
std = 0.386202
RMS = 6.571951
```

```
-----
***Row Num = 645
Min = 2.955800
Max = 5.130300
Mean = 4.183077
std = 0.798374
RMS = 4.256883
```

```
-----
***Row Num = 646
Min = 0.823640
Max = 2.103700
Mean = 1.708058
std = 0.325550
RMS = 1.738113
```

```
-----
***Row Num = 647
Min = -0.130860
Max = 1.718300
Mean = 0.403777
std = 0.419982
RMS = 0.579148
```

```
-----
***Row Num = 648
Min = -0.813480
Max = 0.033203
Mean = -0.615723
std = 0.195853
RMS = 0.645447
```

```
-----
***Row Num = 649
Min = -0.423340
Max = 0.770510
Mean = 0.475797
std = 0.289314
RMS = 0.555143
```

```
-----
***Row Num = 650
Min = -1.609900
Max = 2.321800
Mean = 0.509344
```

```
std = 0.674136  
RMS = 0.838786
```

```
-----  
***Row Num = 651  
Min = -0.161620  
Max = 1.548800  
Mean = 0.559304  
std = 0.318760  
RMS = 0.641965
```

```
-----  
***Row Num = 652  
Min = -0.270510  
Max = 1.128400  
Mean = 0.387717  
std = 0.316303  
RMS = 0.498095
```

```
-----  
***Row Num = 653  
Min = -23.000000  
Max = 16.000000  
Mean = -1.636364  
std = 6.988665  
RMS = 7.099936
```

```
-----  
***Row Num = 654  
Min = -11.000000  
Max = 9.000000  
Mean = -1.477273  
std = 4.031784  
RMS = 4.250668
```

```
-----  
***Row Num = 655  
Min = -26.000000  
Max = 19.000000  
Mean = 0.113636  
std = 8.611015  
RMS = 8.513358
```

```
-----  
***Row Num = 656  
Min = -17.000000  
Max = 33.000000  
Mean = 0.863636  
std = 8.783152  
RMS = 8.725615
```

```
-----  
***Row Num = 657  
Min = -19.000000  
Max = 11.000000  
Mean = -0.454545  
std = 5.638137
```

RMS = 5.592202

***Row Num = 658

Min = -26.000000

Max = 21.000000

Mean = -1.045455

std = 9.039846

RMS = 8.997474

***Row Num = 659

Min = -40.000000

Max = 62.000000

Mean = 0.863636

std = 16.003765

RMS = 15.844414

***Row Num = 660

Min = -36.000000

Max = 34.000000

Mean = -0.977273

std = 14.361591

RMS = 14.231048

***Row Num = 661

Min = -55.000000

Max = 29.000000

Mean = 0.386364

std = 18.075058

RMS = 17.872656

***Row Num = 662

Min = -25.000000

Max = 24.000000

Mean = -0.340909

std = 10.896859

RMS = 10.777713

***Row Num = 663

Min = -72.000000

Max = 69.000000

Mean = -1.863636

std = 20.131649

RMS = 19.988633

***Row Num = 664

Min = -22.000000

Max = 124.000000

Mean = 2.090909

std = 21.322352

RMS = 21.182111

```
***Row Num = 665
Min = -87.000000
Max = 77.000000
Mean = -3.750000
std = 32.044391
RMS = 31.899345
```

```
***Row Num = 666
Min = -41.000000
Max = 53.000000
Mean = -3.772727
std = 16.589242
RMS = 16.828007
```

```
***Row Num = 667
Min = -62.000000
Max = 27.000000
Mean = -1.000000
std = 15.335018
RMS = 15.192702
```

```
***Row Num = 668
Min = -44.000000
Max = 44.000000
Mean = -1.363636
std = 17.465036
RMS = 17.319196
```

```
***Row Num = 669
Min = -94.375000
Max = 23.188000
Mean = -3.443159
std = 22.944861
RMS = 22.942468
```

```
***Row Num = 670
Min = -94.375000
Max = 23.188000
Mean = -3.443159
std = 22.944861
RMS = 22.942468
```

```
***Row Num = 671
Min = -94.375000
Max = 23.188000
Mean = -3.443159
std = 22.944861
RMS = 22.942468
```

```
***Row Num = 672
Min = -129.630000
Max = 96.125000
Mean = 1.225818
std = 46.686212
RMS = 46.168914
```

```
***Row Num = 673
Min = -129.630000
Max = 96.125000
Mean = 1.225818
std = 46.686212
RMS = 46.168914
```

```
***Row Num = 674
Min = -129.630000
Max = 96.125000
Mean = 1.225818
std = 46.686212
RMS = 46.168914
```

```
***Row Num = 675
Min = 2.754900
Max = 3.690500
Mean = 3.425125
std = 0.354699
RMS = 3.443027
```

```
***Row Num = 676
Min = 3.136800
Max = 4.818800
Mean = 4.247918
std = 0.715338
RMS = 4.306378
```

```
***Row Num = 677
Min = 0.005626
Max = 9.995700
Mean = 8.922215
std = 1.996661
RMS = 9.137941
```

```
***Row Num = 678
Min = 6.176700
Max = 7.184300
Mean = 6.609616
std = 0.296181
RMS = 6.616098
```

```
***Row Num = 679
```

```
Min = 2.937200
Max = 5.272800
Mean = 4.062925
std = 0.853205
RMS = 4.149551
```

```
***Row Num = 680
Min = 1.113000
Max = 2.082700
Mean = 1.663045
std = 0.317668
RMS = 1.692436
```

```
***Row Num = 681
Min = 0.968260
Max = 1.108400
Mean = 0.989734
std = 0.028987
RMS = 0.990149
```

```
***Row Num = 682
Min = 0.026855
Max = 0.162110
Mean = 0.123169
std = 0.024728
RMS = 0.125571
```

```
***Row Num = 683
Min = -0.033691
Max = 0.123540
Mean = 0.087658
std = 0.036349
RMS = 0.094737
```

```
***Row Num = 684
Min = -0.522950
Max = 1.178200
Mean = -0.043724
std = 0.480661
RMS = 0.477175
```

```
***Row Num = 685
Min = -0.190430
Max = 0.933110
Mean = 0.599742
std = 0.218811
RMS = 0.637558
```

```
***Row Num = 686
Min = 0.042969
```



```
Max = 1.108400
Mean = 0.645319
std = 0.180611
RMS = 0.669564
```

```
***Row Num = 687
Min = -19.000000
Max = 25.000000
Mean = -0.568182
std = 10.079677
RMS = 9.980663
```

```
***Row Num = 688
Min = -21.000000
Max = 15.000000
Mean = -2.295455
std = 7.264375
RMS = 7.539291
```

```
***Row Num = 689
Min = -17.000000
Max = 17.000000
Mean = -1.113636
std = 6.295868
RMS = 6.322758
```

```
***Row Num = 690
Min = -5.000000
Max = 4.000000
Mean = -0.568182
std = 1.809506
RMS = 1.876893
```

```
***Row Num = 691
Min = -6.000000
Max = 14.000000
Mean = 0.454545
std = 4.515887
RMS = 4.487356
```

```
***Row Num = 692
Min = -10.000000
Max = 9.000000
Mean = -0.886364
std = 4.494006
RMS = 4.530202
```

```
***Row Num = 693
Min = -10.000000
Max = 4.000000
```

```
Mean = -1.272727
std = 2.670804
RMS = 2.931025
```

```
-----
***Row Num = 694
Min = -24.000000
Max = 14.000000
Mean = -1.227273
std = 7.325850
RMS = 7.345376
```

```
-----
***Row Num = 695
Min = -7.000000
Max = 25.000000
Mean = 0.636364
std = 4.779272
RMS = 4.767313
```

```
-----
***Row Num = 696
Min = -19.000000
Max = 26.000000
Mean = -0.227273
std = 9.248164
RMS = 9.145292
```

```
-----
***Row Num = 697
Min = -18.000000
Max = 16.000000
Mean = -1.386364
std = 6.567063
RMS = 6.638387
```

```
-----
***Row Num = 698
Min = -9.000000
Max = 24.000000
Mean = 0.818182
std = 7.088388
RMS = 7.054979
```

```
-----
***Row Num = 699
Min = -7.000000
Max = 6.000000
Mean = -1.045455
std = 2.753049
RMS = 2.915476
```

```
-----
***Row Num = 700
Min = -5.000000
Max = 5.000000
Mean = -0.522727
```

```
std = 2.583387
RMS = 2.606809
```

```
-----
***Row Num = 701
Min = -8.000000
Max = 6.000000
Mean = -0.681818
std = 2.818318
RMS = 2.868322
```

```
-----
***Row Num = 702
Min = -128.000000
Max = 52.000000
Mean = -5.795455
std = 24.876046
RMS = 25.265409
```

```
-----
***Row Num = 703
Min = -6.312500
Max = 14.375000
Mean = 0.600852
std = 3.607446
RMS = 3.616480
```

```
-----
***Row Num = 704
Min = -6.312500
Max = 14.375000
Mean = 0.600852
std = 3.607446
RMS = 3.616480
```

```
-----
***Row Num = 705
Min = -6.312500
Max = 14.375000
Mean = 0.600852
std = 3.607446
RMS = 3.616480
```

```
-----
***Row Num = 706
Min = -191.750000
Max = 143.940000
Mean = -0.244114
std = 54.147748
RMS = 53.529453
```

```
-----
***Row Num = 707
Min = -191.750000
Max = 143.940000
Mean = -0.244114
std = 54.147748
```

RMS = 53.529453

***Row Num = 708
Min = -191.750000
Max = 143.940000
Mean = -0.244114
std = 54.147748
RMS = 53.529453

***Row Num = 709
Min = 6.453600
Max = 8.108300
Mean = 6.607259
std = 0.327740
RMS = 6.615198

***Row Num = 710
Min = 2.579900
Max = 2.776400
Mean = 2.750532
std = 0.042337
RMS = 2.750850

***Row Num = 711
Min = 3.590800
Max = 5.208100
Mean = 5.053995
std = 0.317816
RMS = 5.063752

***Row Num = 712
Min = 3.242800
Max = 6.334600
Mean = 6.071352
std = 0.525629
RMS = 6.093548

***Row Num = 713
Min = 2.578500
Max = 5.620600
Mean = 5.028380
std = 0.814936
RMS = 5.092507

***Row Num = 714
Min = 4.648700
Max = 7.659000
Mean = 4.966800
std = 0.468204
RMS = 4.988320

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