

```
>> Untitled4  
Action_HEARING.csv
```

```
-----  
***Row Num = 1  
Min = 0.870120  
Max = 0.956050  
Mean = 0.912343  
std = 0.017198  
RMS = 0.912501  
-----
```

```
***Row Num = 2  
Min = -0.415040  
Max = -0.331050  
Mean = -0.375155  
std = 0.017154  
RMS = 0.375538  
-----
```

```
***Row Num = 3  
Min = 0.111820  
Max = 0.181150  
Mean = 0.136762  
std = 0.015266  
RMS = 0.137592  
-----
```

```
***Row Num = 4  
Min = -1.097700  
Max = 0.087891  
Mean = -0.560204  
std = 0.258346  
RMS = 0.615674  
-----
```

```
***Row Num = 5  
Min = 0.445310  
Max = 1.202100  
Mean = 0.720769  
std = 0.182059  
RMS = 0.742900  
-----
```

```
***Row Num = 6  
Min = -0.021973  
Max = 0.574710  
Mean = 0.271695  
std = 0.164281  
RMS = 0.316532  
-----
```

```
***Row Num = 7  
Min = -6.000000  
Max = 7.000000  
Mean = -1.068182  
std = 2.106443
```

RMS = 2.340357

---

\*\*\*Row Num = 8  
Min = -5.000000  
Max = 1.000000  
Mean = -1.068182  
std = 1.264869  
RMS = 1.644550

---

\*\*\*Row Num = 9  
Min = -3.000000  
Max = 1.000000  
Mean = -1.068182  
std = 1.020664  
RMS = 1.469385

---

\*\*\*Row Num = 10  
Min = -4.000000  
Max = 3.000000  
Mean = -1.045455  
std = 1.180354  
RMS = 1.566699

---

\*\*\*Row Num = 11  
Min = -6.000000  
Max = 1.000000  
Mean = -1.363636  
std = 1.399184  
RMS = 1.942351

---

\*\*\*Row Num = 12  
Min = -3.000000  
Max = 1.000000  
Mean = -1.136364  
std = 0.954571  
RMS = 1.477098

---

\*\*\*Row Num = 13  
Min = -3.000000  
Max = 2.000000  
Mean = -0.727273  
std = 1.207797  
RMS = 1.398051

---

\*\*\*Row Num = 14  
Min = -3.000000  
Max = 2.000000  
Mean = -0.863636  
std = 1.192826  
RMS = 1.461630

---

\*\*\*Row Num = 15  
Min = -80.000000  
Max = 39.000000  
Mean = -0.590909  
std = 16.676565  
RMS = 16.496556

---

\*\*\*Row Num = 16  
Min = -29.000000  
Max = 27.000000  
Mean = -2.090909  
std = 11.621588  
RMS = 11.677484

---

\*\*\*Row Num = 17  
Min = -16.000000  
Max = 18.000000  
Mean = -0.750000  
std = 6.531231  
RMS = 6.500000

---

\*\*\*Row Num = 18  
Min = -15.000000  
Max = 19.000000  
Mean = -0.136364  
std = 6.067799  
RMS = 6.000000

---

\*\*\*Row Num = 19  
Min = -32.000000  
Max = 34.000000  
Mean = 0.022727  
std = 14.743526  
RMS = 14.575041

---

\*\*\*Row Num = 20  
Min = -72.000000  
Max = 83.000000  
Mean = -2.772727  
std = 20.896048  
RMS = 20.842483

---

\*\*\*Row Num = 21  
Min = -18.000000  
Max = 10.000000  
Mean = -1.568182  
std = 6.184744  
RMS = 6.311966

---

```
***Row Num = 22  
Min = -56.000000  
Max = 48.000000  
Mean = -3.727273  
std = 23.848713  
RMS = 23.868960
```

```
-----  
***Row Num = 23  
Min = -23.375000  
Max = 17.500000  
Mean = 0.848057  
std = 9.873977  
RMS = 9.797899
```

```
-----  
***Row Num = 24  
Min = -23.375000  
Max = 17.500000  
Mean = 0.848057  
std = 9.873977  
RMS = 9.797899
```

```
-----  
***Row Num = 25  
Min = -23.375000  
Max = 17.500000  
Mean = 0.848057  
std = 9.873977  
RMS = 9.797899
```

```
-----  
***Row Num = 26  
Min = -100.310000  
Max = 88.188000  
Mean = 2.581057  
std = 41.841316  
RMS = 41.443565
```

```
-----  
***Row Num = 27  
Min = -100.310000  
Max = 88.188000  
Mean = 2.581057  
std = 41.841316  
RMS = 41.443565
```

```
-----  
***Row Num = 28  
Min = -100.310000  
Max = 88.188000  
Mean = 2.581057  
std = 41.841316  
RMS = 41.443565
```

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

```
Min = 3.015100
Max = 3.107000
Mean = 3.058561
std = 0.027031
RMS = 3.058678
```

---

```
***Row Num = 30
Min = 3.128100
Max = 3.183700
Mean = 3.151214
std = 0.013595
RMS = 3.151242
```

---

```
***Row Num = 31
Min = 2.129900
Max = 2.202100
Mean = 2.166155
std = 0.016407
RMS = 2.166215
```

---

```
***Row Num = 32
Min = 6.381300
Max = 7.236600
Mean = 6.990659
std = 0.207912
RMS = 6.993680
```

---

```
***Row Num = 33
Min = 4.477200
Max = 6.443900
Mean = 5.999720
std = 0.394603
RMS = 6.012389
```

---

```
***Row Num = 34
Min = 3.543200
Max = 4.378900
Mean = 4.071393
std = 0.212373
RMS = 4.076803
```

---

```
***Row Num = 35
Min = 0.886230
Max = 0.952640
Mean = 0.917326
std = 0.012148
RMS = 0.917404
```

---

```
***Row Num = 36
Min = -0.423830
```

```
Max = -0.315430
Mean = -0.370195
std = 0.022149
RMS = 0.370842
```

---

```
***Row Num = 37
Min = 0.104490
Max = 0.166990
Mean = 0.130648
std = 0.012332
RMS = 0.131216
```

---

```
***Row Num = 38
Min = -1.003900
Max = -0.262700
Mean = -0.627285
std = 0.194688
RMS = 0.656147
```

---

```
***Row Num = 39
Min = 0.492680
Max = 1.168000
Mean = 0.725030
std = 0.160011
RMS = 0.742085
```

---

```
***Row Num = 40
Min = 0.064941
Max = 0.548830
Mean = 0.264671
std = 0.134348
RMS = 0.296125
```

---

```
***Row Num = 41
Min = -9.000000
Max = 10.000000
Mean = -0.227273
std = 3.041294
RMS = 3.015113
```

---

```
***Row Num = 42
Min = -6.000000
Max = 3.000000
Mean = -1.181818
std = 1.956180
RMS = 2.266355
```

---

```
***Row Num = 43
Min = -3.000000
Max = 1.000000
```

```
Mean = -0.931818
std = 0.949853
RMS = 1.322876
```

```
-----
***Row Num = 44
Min = -4.000000
Max = 2.000000
Mean = -0.840909
std = 1.256484
RMS = 1.500000
```

```
-----
***Row Num = 45
Min = -4.000000
Max = 3.000000
Mean = -1.113636
std = 1.401260
RMS = 1.777383
```

```
-----
***Row Num = 46
Min = -3.000000
Max = 1.000000
Mean = -0.931818
std = 0.846270
RMS = 1.252271
```

```
-----
***Row Num = 47
Min = -4.000000
Max = 2.000000
Mean = -1.068182
std = 1.043200
RMS = 1.484771
```

```
-----
***Row Num = 48
Min = -4.000000
Max = 1.000000
Mean = -0.840909
std = 1.119451
RMS = 1.389899
```

```
-----
***Row Num = 49
Min = -45.000000
Max = 36.000000
Mean = -0.045455
std = 19.120128
RMS = 18.901659
```

```
-----
***Row Num = 50
Min = -46.000000
Max = 26.000000
Mean = -1.590909
```

```
std = 12.406522
```

```
RMS = 12.367479
```

```
-----  
***Row Num = 51
```

```
Min = -18.000000
```

```
Max = 20.000000
```

```
Mean = -1.181818
```

```
std = 6.314519
```

```
RMS = 6.353238
```

```
-----  
***Row Num = 52
```

```
Min = -12.000000
```

```
Max = 13.000000
```

```
Mean = -1.000000
```

```
std = 3.905869
```

```
RMS = 3.988620
```

```
-----  
***Row Num = 53
```

```
Min = -31.000000
```

```
Max = 36.000000
```

```
Mean = -1.568182
```

```
std = 11.781731
```

```
RMS = 11.752176
```

```
-----  
***Row Num = 54
```

```
Min = -89.000000
```

```
Max = 45.000000
```

```
Mean = -0.386364
```

```
std = 24.163413
```

```
RMS = 23.890375
```

```
-----  
***Row Num = 55
```

```
Min = -17.000000
```

```
Max = 23.000000
```

```
Mean = -0.113636
```

```
std = 8.181704
```

```
RMS = 8.088994
```

```
-----  
***Row Num = 56
```

```
Min = -43.000000
```

```
Max = 43.000000
```

```
Mean = 1.477273
```

```
std = 15.881082
```

```
RMS = 15.768928
```

```
-----  
***Row Num = 57
```

```
Min = -15.375000
```

```
Max = 16.438000
```

```
Mean = 1.142057
```

```
std = 6.615481
```



RMS = 6.638843

---

\*\*\*Row Num = 58  
Min = -15.375000  
Max = 16.438000  
Mean = 1.142057  
std = 6.615481  
RMS = 6.638843

---

\*\*\*Row Num = 59  
Min = -15.375000  
Max = 16.438000  
Mean = 1.142057  
std = 6.615481  
RMS = 6.638843

---

\*\*\*Row Num = 60  
Min = -67.313000  
Max = 90.188000  
Mean = 3.815341  
std = 32.929397  
RMS = 32.775872

---

\*\*\*Row Num = 61  
Min = -67.313000  
Max = 90.188000  
Mean = 3.815341  
std = 32.929397  
RMS = 32.775872

---

\*\*\*Row Num = 62  
Min = -67.313000  
Max = 90.188000  
Mean = 3.815341  
std = 32.929397  
RMS = 32.775872

---

\*\*\*Row Num = 63  
Min = 3.016600  
Max = 3.102300  
Mean = 3.053720  
std = 0.020107  
RMS = 3.053785

---

\*\*\*Row Num = 64  
Min = 3.117200  
Max = 3.164800  
Mean = 3.144370  
std = 0.009664  
RMS = 3.144385

---

\*\*\*Row Num = 65  
Min = 2.179200  
Max = 2.250000  
Mean = 2.218964  
std = 0.018438  
RMS = 2.219038

---

\*\*\*Row Num = 66  
Min = 6.744500  
Max = 7.165500  
Mean = 6.973216  
std = 0.104679  
RMS = 6.973984

---

\*\*\*Row Num = 67  
Min = 5.674900  
Max = 6.430000  
Mean = 6.110580  
std = 0.206045  
RMS = 6.113974

---

\*\*\*Row Num = 68  
Min = 3.831100  
Max = 4.325000  
Mean = 4.055820  
std = 0.152404  
RMS = 4.058618

---

\*\*\*Row Num = 69  
Min = 0.850590  
Max = 0.990720  
Mean = 0.920555  
std = 0.024213  
RMS = 0.920866

---

\*\*\*Row Num = 70  
Min = -0.461430  
Max = -0.298830  
Mean = -0.364557  
std = 0.039168  
RMS = 0.366608

---

\*\*\*Row Num = 71  
Min = 0.076660  
Max = 0.167970  
Mean = 0.119651  
std = 0.021408  
RMS = 0.121508

---

```
***Row Num = 72
Min = -1.139600
Max = 1.062500
Mean = -0.500133
std = 0.440918
RMS = 0.663417
```

---

```
***Row Num = 73
Min = 0.420410
Max = 1.314500
Mean = 0.734875
std = 0.214844
RMS = 0.764951
```

---

```
***Row Num = 74
Min = 0.049316
Max = 0.693850
Mean = 0.313255
std = 0.195208
RMS = 0.367925
```

---

```
***Row Num = 75
Min = -5.000000
Max = 6.000000
Mean = -0.840909
std = 2.675845
RMS = 2.775706
```

---

```
***Row Num = 76
Min = -9.000000
Max = 3.000000
Mean = -0.977273
std = 2.225525
RMS = 2.407375
```

---

```
***Row Num = 77
Min = -7.000000
Max = 1.000000
Mean = -1.613636
std = 1.528275
RMS = 2.210512
```

---

```
***Row Num = 78
Min = -4.000000
Max = 2.000000
Mean = -1.068182
std = 1.301122
RMS = 1.671961
```

---

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

```
Min = -6.000000
Max = 1.000000
Mean = -1.227273
std = 1.273407
RMS = 1.758098
```

---

```
***Row Num = 80
Min = -4.000000
Max = 0.000000
Mean = -1.136364
std = 0.878448
RMS = 1.430194
```

---

```
***Row Num = 81
Min = -4.000000
Max = 2.000000
Mean = -0.681818
std = 1.115905
RMS = 1.296849
```

---

```
***Row Num = 82
Min = -4.000000
Max = 1.000000
Mean = -0.931818
std = 1.149271
RMS = 1.469385
```

---

```
***Row Num = 83
Min = -47.000000
Max = 35.000000
Mean = 0.181818
std = 18.199505
RMS = 17.992423
```

---

```
***Row Num = 84
Min = -20.000000
Max = 53.000000
Mean = -0.386364
std = 13.556455
RMS = 13.407088
```

---

```
***Row Num = 85
Min = -103.000000
Max = 16.000000
Mean = -3.295455
std = 17.115992
RMS = 17.238303
```

---

```
***Row Num = 86
Min = -11.000000
```

```
Max = 8.000000  
Mean = -1.340909  
std = 4.518403  
RMS = 4.663690
```

---

```
***Row Num = 87  
Min = -26.000000  
Max = 52.000000  
Mean = -1.113636  
std = 13.265125  
RMS = 13.160720
```

---

```
***Row Num = 88  
Min = -72.000000  
Max = 47.000000  
Mean = -5.295455  
std = 20.765109  
RMS = 21.199807
```

---

```
***Row Num = 89  
Min = -34.000000  
Max = 20.000000  
Mean = -1.204545  
std = 11.261334  
RMS = 11.197605
```

---

```
***Row Num = 90  
Min = -69.000000  
Max = 76.000000  
Mean = -2.386364  
std = 26.752280  
RMS = 26.553976
```

---

```
***Row Num = 91  
Min = -23.125000  
Max = 26.938000  
Mean = -0.038341  
std = 10.006226  
RMS = 9.891940
```

---

```
***Row Num = 92  
Min = -23.125000  
Max = 26.938000  
Mean = -0.038341  
std = 10.006226  
RMS = 9.891940
```

---

```
***Row Num = 93  
Min = -23.125000  
Max = 26.938000
```

```
Mean = -0.038341
std = 10.006226
RMS = 9.891940
```

```
-----
***Row Num = 94
Min = -93.688000
Max = 115.560000
Mean = 10.887784
std = 43.796270
RMS = 44.643741
```

```
-----
***Row Num = 95
Min = -93.688000
Max = 115.560000
Mean = 10.887784
std = 43.796270
RMS = 44.643741
```

```
-----
***Row Num = 96
Min = -93.688000
Max = 115.560000
Mean = 10.887784
std = 43.796270
RMS = 44.643741
```

```
-----
***Row Num = 97
Min = 2.972100
Max = 3.078200
Mean = 3.017525
std = 0.035381
RMS = 3.017728
```

```
-----
***Row Num = 98
Min = 3.097800
Max = 3.160100
Mean = 3.125502
std = 0.014410
RMS = 3.125535
```

```
-----
***Row Num = 99
Min = 2.210300
Max = 2.356300
Mean = 2.279866
std = 0.029503
RMS = 2.280052
```

```
-----
***Row Num = 100
Min = 6.347400
Max = 7.228000
Mean = 6.913530
```

```
std = 0.220045  
RMS = 6.916951
```

```
-----  
***Row Num = 101  
Min = 3.389400  
Max = 6.511900  
Mean = 5.912098  
std = 0.670983  
RMS = 5.949192
```

```
-----  
***Row Num = 102  
Min = 3.272200  
Max = 4.323500  
Mean = 3.904130  
std = 0.256978  
RMS = 3.912386
```

```
-----  
***Row Num = 103  
Min = 0.856450  
Max = 0.949710  
Mean = 0.918979  
std = 0.019044  
RMS = 0.919172
```

```
-----  
***Row Num = 104  
Min = -0.461910  
Max = -0.312990  
Mean = -0.371261  
std = 0.035100  
RMS = 0.372879
```

```
-----  
***Row Num = 105  
Min = 0.093262  
Max = 0.166020  
Mean = 0.120006  
std = 0.016693  
RMS = 0.121135
```

```
-----  
***Row Num = 106  
Min = -0.967770  
Max = 0.256350  
Mean = -0.562245  
std = 0.261269  
RMS = 0.618732
```

```
-----  
***Row Num = 107  
Min = 0.450200  
Max = 1.163600  
Mean = 0.720361  
std = 0.170190
```

RMS = 0.739747

---

\*\*\*Row Num = 108

Min = 0.051270

Max = 0.632320

Mean = 0.303268

std = 0.148999

RMS = 0.337147

---

\*\*\*Row Num = 109

Min = -7.000000

Max = 6.000000

Mean = -1.795455

std = 3.129600

RMS = 3.577073

---

\*\*\*Row Num = 110

Min = -7.000000

Max = 3.000000

Mean = -1.840909

std = 1.867011

RMS = 2.606809

---

\*\*\*Row Num = 111

Min = -5.000000

Max = 5.000000

Mean = -1.363636

std = 2.024167

RMS = 2.421495

---

\*\*\*Row Num = 112

Min = -4.000000

Max = 3.000000

Mean = -1.000000

std = 1.397672

RMS = 1.705606

---

\*\*\*Row Num = 113

Min = -6.000000

Max = 1.000000

Mean = -1.227273

std = 1.444535

RMS = 1.882938

---

\*\*\*Row Num = 114

Min = -3.000000

Max = 1.000000

Mean = -0.954545

std = 0.963389

RMS = 1.348400



---

\*\*\*Row Num = 115  
Min = -3.000000  
Max = 1.000000  
Mean = -0.840909  
std = 1.160256  
RMS = 1.422226

---

\*\*\*Row Num = 116  
Min = -4.000000  
Max = 1.000000  
Mean = -1.090909  
std = 1.177664  
RMS = 1.595448

---

\*\*\*Row Num = 117  
Min = -91.000000  
Max = 38.000000  
Mean = 1.727273  
std = 19.721743  
RMS = 19.572708

---

\*\*\*Row Num = 118  
Min = -24.000000  
Max = 43.000000  
Mean = 0.590909  
std = 11.483696  
RMS = 11.367817

---

\*\*\*Row Num = 119  
Min = -10.000000  
Max = 34.000000  
Mean = 1.522727  
std = 7.023180  
RMS = 7.107934

---

\*\*\*Row Num = 120  
Min = -8.000000  
Max = 11.000000  
Mean = 0.136364  
std = 3.788544  
RMS = 3.747727

---

\*\*\*Row Num = 121  
Min = -33.000000  
Max = 26.000000  
Mean = -0.090909  
std = 11.118428  
RMS = 10.991732

---

```
***Row Num = 122
Min = -53.000000
Max = 47.000000
Mean = -4.000000
std = 20.354989
RMS = 20.516069
-----
```

```
***Row Num = 123
Min = -16.000000
Max = 20.000000
Mean = -0.590909
std = 7.863126
RMS = 7.795686
-----
```

```
***Row Num = 124
Min = -53.000000
Max = 31.000000
Mean = -1.500000
std = 14.149534
RMS = 14.068017
-----
```

```
***Row Num = 125
Min = -17.313000
Max = 19.500000
Mean = 0.009943
std = 7.789684
RMS = 7.700662
-----
```

```
***Row Num = 126
Min = -17.313000
Max = 19.500000
Mean = 0.009943
std = 7.789684
RMS = 7.700662
-----
```

```
***Row Num = 127
Min = -17.313000
Max = 19.500000
Mean = 0.009943
std = 7.789684
RMS = 7.700662
-----
```

```
***Row Num = 128
Min = -92.375000
Max = 76.688000
Mean = 7.048318
std = 37.134798
RMS = 37.380894
-----
```

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

```
Min = -92.375000
Max = 76.688000
Mean = 7.048318
std = 37.134798
RMS = 37.380894
```

---

```
***Row Num = 130
Min = -92.375000
Max = 76.688000
Mean = 7.048318
std = 37.134798
RMS = 37.380894
```

---

```
***Row Num = 131
Min = 2.984200
Max = 3.040600
Mean = 3.008966
std = 0.017267
RMS = 3.009014
```

---

```
***Row Num = 132
Min = 3.116500
Max = 3.156000
Mean = 3.134143
std = 0.009839
RMS = 3.134158
```

---

```
***Row Num = 133
Min = 2.274300
Max = 2.352100
Mean = 2.306105
std = 0.017910
RMS = 2.306173
```

---

```
***Row Num = 134
Min = 6.341800
Max = 7.190900
Mean = 6.912393
std = 0.185900
RMS = 6.914836
```

---

```
***Row Num = 135
Min = 4.463200
Max = 6.418400
Mean = 6.013275
std = 0.375570
RMS = 6.024726
```

---

```
***Row Num = 136
Min = 3.499400
```

```
Max = 4.290300
Mean = 3.926005
std = 0.193782
RMS = 3.930675
```

---

```
***Row Num = 137
Min = 0.861820
Max = 0.964360
Mean = 0.922319
std = 0.018575
RMS = 0.922502
```

---

```
***Row Num = 138
Min = -0.446290
Max = -0.303220
Mean = -0.367964
std = 0.032136
RMS = 0.369333
```

---

```
***Row Num = 139
Min = 0.078125
Max = 0.145020
Mean = 0.110651
std = 0.017526
RMS = 0.111999
```

---

```
***Row Num = 140
Min = -1.044400
Max = 0.747560
Mean = -0.530750
std = 0.323142
RMS = 0.619470
```

---

```
***Row Num = 141
Min = 0.536620
Max = 1.063000
Mean = 0.686135
std = 0.135889
RMS = 0.699162
```

---

```
***Row Num = 142
Min = 0.138670
Max = 0.713870
Mean = 0.366167
std = 0.157472
RMS = 0.397885
```

---

```
***Row Num = 143
Min = -6.000000
Max = 8.000000
```

```
Mean = -0.704545
std = 2.937960
RMS = 2.988615
```

```
-----
***Row Num = 144
Min = -6.000000
Max = 8.000000
Mean = -0.477273
std = 2.628012
RMS = 2.641453
```

```
-----
***Row Num = 145
Min = -5.000000
Max = 3.000000
Mean = -0.840909
std = 2.079168
RMS = 2.220770
```

```
-----
***Row Num = 146
Min = -4.000000
Max = 1.000000
Mean = -1.068182
std = 1.108062
RMS = 1.530003
```

```
-----
***Row Num = 147
Min = -4.000000
Max = 2.000000
Mean = -0.886364
std = 1.185492
RMS = 1.469385
```

```
-----
***Row Num = 148
Min = -3.000000
Max = 1.000000
Mean = -0.977273
std = 0.999736
RMS = 1.389899
```

```
-----
***Row Num = 149
Min = -4.000000
Max = 1.000000
Mean = -0.818182
std = 1.298886
RMS = 1.522558
```

```
-----
***Row Num = 150
Min = -3.000000
Max = 1.000000
Mean = -0.977273
```

```
std = 1.109968  
RMS = 1.469385
```

```
-----  
***Row Num = 151  
Min = -39.000000  
Max = 33.000000  
Mean = 0.295455  
std = 14.540368  
RMS = 14.377223
```

```
-----  
***Row Num = 152  
Min = -17.000000  
Max = 19.000000  
Mean = 0.068182  
std = 8.320325  
RMS = 8.225515
```

```
-----  
***Row Num = 153  
Min = -13.000000  
Max = 21.000000  
Mean = -0.227273  
std = 6.904207  
RMS = 6.829082
```

```
-----  
***Row Num = 154  
Min = -10.000000  
Max = 11.000000  
Mean = -0.295455  
std = 4.095258  
RMS = 4.059221
```

```
-----  
***Row Num = 155  
Min = -22.000000  
Max = 25.000000  
Mean = 1.386364  
std = 10.459703  
RMS = 10.432685
```

```
-----  
***Row Num = 156  
Min = -31.000000  
Max = 24.000000  
Mean = 0.227273  
std = 11.790543  
RMS = 11.658005
```

```
-----  
***Row Num = 157  
Min = -17.000000  
Max = 17.000000  
Mean = 0.454545  
std = 6.814671
```

RMS = 6.752104

---

\*\*\*Row Num = 158  
Min = -27.000000  
Max = 26.000000  
Mean = -0.886364  
std = 11.558176  
RMS = 11.460406

---

\*\*\*Row Num = 159  
Min = -13.688000  
Max = 20.938000  
Mean = 0.669057  
std = 8.439735  
RMS = 8.370061

---

\*\*\*Row Num = 160  
Min = -13.688000  
Max = 20.938000  
Mean = 0.669057  
std = 8.439735  
RMS = 8.370061

---

\*\*\*Row Num = 161  
Min = -13.688000  
Max = 20.938000  
Mean = 0.669057  
std = 8.439735  
RMS = 8.370061

---

\*\*\*Row Num = 162  
Min = -76.938000  
Max = 76.063000  
Mean = 4.554045  
std = 36.341695  
RMS = 36.213835

---

\*\*\*Row Num = 163  
Min = -76.938000  
Max = 76.063000  
Mean = 4.554045  
std = 36.341695  
RMS = 36.213835

---

\*\*\*Row Num = 164  
Min = -76.938000  
Max = 76.063000  
Mean = 4.554045  
std = 36.341695  
RMS = 36.213835

---

\*\*\*Row Num = 165

Min = 2.943400

Max = 3.004100

Mean = 2.969625

std = 0.016046

RMS = 2.969667

---

\*\*\*Row Num = 166

Min = 3.108300

Max = 3.143700

Mean = 3.125423

std = 0.006989

RMS = 3.125430

---

\*\*\*Row Num = 167

Min = 2.306000

Max = 2.389000

Mean = 2.339875

std = 0.022375

RMS = 2.339980

---

\*\*\*Row Num = 168

Min = 6.348800

Max = 7.025300

Mean = 6.762166

std = 0.189677

RMS = 6.764765

---

\*\*\*Row Num = 169

Min = 3.878900

Max = 6.407600

Mean = 5.944743

std = 0.541752

RMS = 5.968819

---

\*\*\*Row Num = 170

Min = 3.178900

Max = 4.081300

Mean = 3.701093

std = 0.226796

RMS = 3.707878

---

\*\*\*Row Num = 171

Min = 0.843750

Max = 1.014600

Mean = 0.924126

std = 0.025484

RMS = 0.924470

---



```
***Row Num = 172  
Min = -0.473140  
Max = -0.292480  
Mean = -0.363847  
std = 0.038930  
RMS = 0.365877
```

---

```
***Row Num = 173  
Min = 0.066406  
Max = 0.158200  
Mean = 0.108188  
std = 0.022750  
RMS = 0.110500
```

---

```
***Row Num = 174  
Min = -1.044400  
Max = 1.180200  
Mean = -0.217074  
std = 0.646929  
RMS = 0.675371
```

---

```
***Row Num = 175  
Min = 0.286130  
Max = 1.223100  
Mean = 0.657347  
std = 0.237541  
RMS = 0.698032
```

---

```
***Row Num = 176  
Min = 0.010254  
Max = 0.823730  
Mean = 0.400257  
std = 0.220806  
RMS = 0.455909
```

---

```
***Row Num = 177  
Min = -4.000000  
Max = 4.000000  
Mean = -1.068182  
std = 1.648082  
RMS = 1.948193
```

---

```
***Row Num = 178  
Min = -6.000000  
Max = 4.000000  
Mean = -0.613636  
std = 1.955504  
RMS = 2.028210
```

---

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

```
Min = -6.000000
Max = 5.000000
Mean = -1.090909
std = 2.485476
RMS = 2.688359
```

---

```
***Row Num = 180
Min = -4.000000
Max = 1.000000
Mean = -1.000000
std = 1.078328
RMS = 1.461630
```

---

```
***Row Num = 181
Min = -4.000000
Max = 1.000000
Mean = -1.045455
std = 1.199894
RMS = 1.581139
```

---

```
***Row Num = 182
Min = -3.000000
Max = 1.000000
Mean = -0.954545
std = 0.776233
RMS = 1.224745
```

---

```
***Row Num = 183
Min = -4.000000
Max = 2.000000
Mean = -0.909091
std = 1.157748
RMS = 1.461630
```

---

```
***Row Num = 184
Min = -4.000000
Max = 1.000000
Mean = -1.090909
std = 1.116852
RMS = 1.552125
```

---

```
***Row Num = 185
Min = -62.000000
Max = 30.000000
Mean = -3.340909
std = 20.051032
RMS = 20.101447
```

---

```
***Row Num = 186
Min = -46.000000
```

```
Max = 20.000000
Mean = -2.727273
std = 12.505559
RMS = 12.659887
```

---

```
***Row Num = 187
Min = -31.000000
Max = 30.000000
Mean = -0.522727
std = 9.585572
RMS = 9.490426
```

---

```
***Row Num = 188
Min = -25.000000
Max = 10.000000
Mean = -0.886364
std = 6.031761
RMS = 6.028342
```

---

```
***Row Num = 189
Min = -25.000000
Max = 20.000000
Mean = 1.909091
std = 8.424268
RMS = 8.544004
```

---

```
***Row Num = 190
Min = -70.000000
Max = 58.000000
Mean = -1.386364
std = 17.947230
RMS = 17.796195
```

---

```
***Row Num = 191
Min = -23.000000
Max = 23.000000
Mean = 0.704545
std = 8.828020
RMS = 8.755518
```

---

```
***Row Num = 192
Min = -27.000000
Max = 47.000000
Mean = -0.681818
std = 16.141486
RMS = 15.971566
```

---

```
***Row Num = 193
Min = -16.438000
Max = 25.000000
```

```
Mean = -0.524136
std = 9.100109
RMS = 9.011360
```

```
-----
***Row Num = 194
Min = -16.438000
Max = 25.000000
Mean = -0.524136
std = 9.100109
RMS = 9.011360
```

```
-----
***Row Num = 195
Min = -16.438000
Max = 25.000000
Mean = -0.524136
std = 9.100109
RMS = 9.011360
```

```
-----
***Row Num = 196
Min = -127.750000
Max = 100.690000
Mean = 5.159159
std = 41.502542
RMS = 41.351313
```

```
-----
***Row Num = 197
Min = -127.750000
Max = 100.690000
Mean = 5.159159
std = 41.502542
RMS = 41.351313
```

```
-----
***Row Num = 198
Min = -127.750000
Max = 100.690000
Mean = 5.159159
std = 41.502542
RMS = 41.351313
```

```
-----
***Row Num = 199
Min = 2.915500
Max = 2.996500
Mean = 2.957539
std = 0.023250
RMS = 2.957628
```

```
-----
***Row Num = 200
Min = 3.100800
Max = 3.151300
Mean = 3.118255
```

```
std = 0.012308  
RMS = 3.118278
```

```
-----  
***Row Num = 201  
Min = 2.283300  
Max = 2.393100  
Mean = 2.344741  
std = 0.029212  
RMS = 2.344919
```

```
-----  
***Row Num = 202  
Min = 6.242400  
Max = 6.990000  
Mean = 6.653905  
std = 0.175388  
RMS = 6.656163
```

```
-----  
***Row Num = 203  
Min = 3.056200  
Max = 6.425500  
Mean = 5.365134  
std = 1.137141  
RMS = 5.481639
```

```
-----  
***Row Num = 204  
Min = 2.765700  
Max = 3.955300  
Mean = 3.407732  
std = 0.332592  
RMS = 3.423557
```

```
-----  
***Row Num = 205  
Min = 0.854000  
Max = 0.946780  
Mean = 0.900713  
std = 0.016312  
RMS = 0.900857
```

```
-----  
***Row Num = 206  
Min = -0.467770  
Max = -0.324220  
Mean = -0.394919  
std = 0.028461  
RMS = 0.395920
```

```
-----  
***Row Num = 207  
Min = 0.130370  
Max = 0.219730  
Mean = 0.172219  
std = 0.019589
```

RMS = 0.173305

-----  
\*\*\*Row Num = 208

Min = -1.017100

Max = -0.279790

Mean = -0.663786

std = 0.174548

RMS = 0.685847

-----  
\*\*\*Row Num = 209

Min = 0.535160

Max = 1.082500

Mean = 0.710937

std = 0.135003

RMS = 0.723355

-----  
\*\*\*Row Num = 210

Min = 0.078613

Max = 0.689940

Mean = 0.319968

std = 0.139692

RMS = 0.348497

-----  
\*\*\*Row Num = 211

Min = -6.000000

Max = 4.000000

Mean = -1.068182

std = 1.945749

RMS = 2.200207

-----  
\*\*\*Row Num = 212

Min = -24.000000

Max = 13.000000

Mean = -1.727273

std = 5.796405

RMS = 5.984829

-----  
\*\*\*Row Num = 213

Min = -6.000000

Max = 4.000000

Mean = -1.068182

std = 2.546294

RMS = 2.734460

-----  
\*\*\*Row Num = 214

Min = -3.000000

Max = 1.000000

Mean = -1.022727

std = 1.067242

RMS = 1.469385

---

\*\*\*Row Num = 215  
Min = -3.000000  
Max = 1.000000  
Mean = -1.113636  
std = 0.894841  
RMS = 1.422226

---

\*\*\*Row Num = 216  
Min = -3.000000  
Max = 1.000000  
Mean = -0.795455  
std = 0.904242  
RMS = 1.196586

---

\*\*\*Row Num = 217  
Min = -4.000000  
Max = 2.000000  
Mean = -0.818182  
std = 1.529139  
RMS = 1.718879

---

\*\*\*Row Num = 218  
Min = -4.000000  
Max = 1.000000  
Mean = -1.022727  
std = 1.171138  
RMS = 1.544786

---

\*\*\*Row Num = 219  
Min = -74.000000  
Max = 41.000000  
Mean = -3.772727  
std = 25.021724  
RMS = 25.021809

---

\*\*\*Row Num = 220  
Min = -22.000000  
Max = 32.000000  
Mean = -2.045455  
std = 10.113207  
RMS = 10.204723

---

\*\*\*Row Num = 221  
Min = -10.000000  
Max = 16.000000  
Mean = -1.340909  
std = 5.619498  
RMS = 5.714813

---

```
***Row Num = 222
Min = -12.000000
Max = 11.000000
Mean = -1.227273
std = 4.376808
RMS = 4.497474
```

---

```
***Row Num = 223
Min = -23.000000
Max = 23.000000
Mean = -1.681818
std = 9.830595
RMS = 9.862694
```

---

```
***Row Num = 224
Min = -56.000000
Max = 35.000000
Mean = -2.250000
std = 21.152959
RMS = 21.031902
```

---

```
***Row Num = 225
Min = -15.000000
Max = 25.000000
Mean = 1.250000
std = 8.892445
RMS = 8.879240
```

---

```
***Row Num = 226
Min = -23.000000
Max = 34.000000
Mean = -0.500000
std = 14.427848
RMS = 14.271714
```

---

```
***Row Num = 227
Min = -17.000000
Max = 17.188000
Mean = -0.767045
std = 7.521978
RMS = 7.475467
```

---

```
***Row Num = 228
Min = -17.000000
Max = 17.188000
Mean = -0.767045
std = 7.521978
RMS = 7.475467
```

---

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



```
Min = -17.000000
Max = 17.188000
Mean = -0.767045
std = 7.521978
RMS = 7.475467
```

---

```
***Row Num = 230
Min = -67.375000
Max = 90.125000
Mean = 3.274170
std = 31.789365
RMS = 31.596148
```

---

```
***Row Num = 231
Min = -67.375000
Max = 90.125000
Mean = 3.274170
std = 31.789365
RMS = 31.596148
```

---

```
***Row Num = 232
Min = -67.375000
Max = 90.125000
Mean = 3.274170
std = 31.789365
RMS = 31.596148
```

---

```
***Row Num = 233
Min = 3.136600
Max = 3.172500
Mean = 3.152402
std = 0.008369
RMS = 3.152413
```

---

```
***Row Num = 234
Min = 3.191800
Max = 3.229000
Mean = 3.208170
std = 0.009481
RMS = 3.208184
```

---

```
***Row Num = 235
Min = 1.543300
Max = 1.631600
Mean = 1.590459
std = 0.020388
RMS = 1.590587
```

---

```
***Row Num = 236
Min = 6.699100
```

```
Max = 7.011200
Mean = 6.827389
std = 0.069714
RMS = 6.827736
```

---

```
***Row Num = 237
Min = 5.711300
Max = 6.414600
Mean = 6.123257
std = 0.194278
RMS = 6.126268
```

---

```
***Row Num = 238
Min = 3.171600
Max = 3.605400
Mean = 3.369959
std = 0.128428
RMS = 3.372350
```

---

```
***Row Num = 239
Min = 0.852540
Max = 0.966310
Mean = 0.914262
std = 0.023381
RMS = 0.914554
```

---

```
***Row Num = 240
Min = -0.482420
Max = -0.283200
Mean = -0.378796
std = 0.045449
RMS = 0.381451
```

---

```
***Row Num = 241
Min = 0.089355
Max = 0.174320
Mean = 0.138795
std = 0.022147
RMS = 0.140511
```

---

```
***Row Num = 242
Min = -1.066900
Max = 1.282700
Mean = -0.232045
std = 0.660374
RMS = 0.692841
```

---

```
***Row Num = 243
Min = 0.268550
Max = 1.099600
```

```
Mean = 0.669033
std = 0.248274
RMS = 0.712632
```

```
-----
***Row Num = 244
Min = -0.116210
Max = 0.758300
Mean = 0.335471
std = 0.206669
RMS = 0.392788
```

```
-----
***Row Num = 245
Min = -7.000000
Max = 8.000000
Mean = -0.250000
std = 3.341946
RMS = 3.313197
```

```
-----
***Row Num = 246
Min = -7.000000
Max = 8.000000
Mean = -0.863636
std = 2.783597
RMS = 2.884126
```

```
-----
***Row Num = 247
Min = -10.000000
Max = 7.000000
Mean = -1.477273
std = 3.084007
RMS = 3.387812
```

```
-----
***Row Num = 248
Min = -4.000000
Max = 1.000000
Mean = -1.159091
std = 1.429639
RMS = 1.827815
```

```
-----
***Row Num = 249
Min = -3.000000
Max = 2.000000
Mean = -1.068182
std = 1.149271
RMS = 1.559429
```

```
-----
***Row Num = 250
Min = -4.000000
Max = 1.000000
Mean = -0.909091
```

```
std = 1.177664  
RMS = 1.477098
```

```
-----  
***Row Num = 251  
Min = -4.000000  
Max = 3.000000  
Mean = -0.795455  
std = 1.607823  
RMS = 1.777383
```

```
-----  
***Row Num = 252  
Min = -4.000000  
Max = 1.000000  
Mean = -0.954545  
std = 1.346046  
RMS = 1.637626
```

```
-----  
***Row Num = 253  
Min = -95.000000  
Max = 63.000000  
Mean = -4.568182  
std = 30.518311  
RMS = 30.513410
```

```
-----  
***Row Num = 254  
Min = -24.000000  
Max = 54.000000  
Mean = 3.863636  
std = 15.596050  
RMS = 15.894539
```

```
-----  
***Row Num = 255  
Min = -14.000000  
Max = 123.000000  
Mean = 5.568182  
std = 23.028191  
RMS = 23.436083
```

```
-----  
***Row Num = 256  
Min = -24.000000  
Max = 24.000000  
Mean = -1.659091  
std = 7.976545  
RMS = 8.058028
```

```
-----  
***Row Num = 257  
Min = -39.000000  
Max = 34.000000  
Mean = -0.340909  
std = 12.077161
```

RMS = 11.943998

---

\*\*\*Row Num = 258

Min = -61.000000

Max = 27.000000

Mean = -1.181818

std = 14.159018

RMS = 14.046999

---

\*\*\*Row Num = 259

Min = -32.000000

Max = 29.000000

Mean = -0.250000

std = 12.757351

RMS = 12.614025

---

\*\*\*Row Num = 260

Min = -77.000000

Max = 51.000000

Mean = -4.340909

std = 21.283188

RMS = 21.483080

---

\*\*\*Row Num = 261

Min = -21.438000

Max = 22.063000

Mean = -0.525580

std = 10.149895

RMS = 10.047648

---

\*\*\*Row Num = 262

Min = -21.438000

Max = 22.063000

Mean = -0.525580

std = 10.149895

RMS = 10.047648

---

\*\*\*Row Num = 263

Min = -21.438000

Max = 22.063000

Mean = -0.525580

std = 10.149895

RMS = 10.047648

---

\*\*\*Row Num = 264

Min = -86.625000

Max = 113.560000

Mean = 9.264170

std = 41.156077

RMS = 41.727109

---

\*\*\*Row Num = 265  
Min = -86.625000  
Max = 113.560000  
Mean = 9.264170  
std = 41.156077  
RMS = 41.727109

---

\*\*\*Row Num = 266  
Min = -86.625000  
Max = 113.560000  
Mean = 9.264170  
std = 41.156077  
RMS = 41.727109

---

\*\*\*Row Num = 267  
Min = 3.010700  
Max = 3.081100  
Mean = 3.053655  
std = 0.021230  
RMS = 3.053727

---

\*\*\*Row Num = 268  
Min = 3.144000  
Max = 3.183600  
Mean = 3.160791  
std = 0.012271  
RMS = 3.160814

---

\*\*\*Row Num = 269  
Min = 1.511100  
Max = 1.622300  
Mean = 1.575209  
std = 0.033950  
RMS = 1.575567

---

\*\*\*Row Num = 270  
Min = 6.224800  
Max = 7.055400  
Mean = 6.793661  
std = 0.169071  
RMS = 6.795717

---

\*\*\*Row Num = 271  
Min = 2.997700  
Max = 6.336200  
Mean = 5.413527  
std = 1.160059  
RMS = 5.533663

---

```
***Row Num = 272
Min = 2.225600
Max = 3.533900
Mean = 3.113702
std = 0.408807
RMS = 3.139820
-----
```

```
***Row Num = 273
Min = 0.851070
Max = 0.948730
Mean = 0.909845
std = 0.017950
RMS = 0.910018
-----
```

```
***Row Num = 274
Min = -0.471190
Max = -0.334470
Mean = -0.391801
std = 0.030853
RMS = 0.392986
-----
```

```
***Row Num = 275
Min = 0.095215
Max = 0.163570
Mean = 0.128063
std = 0.015164
RMS = 0.128937
-----
```

```
***Row Num = 276
Min = -1.039600
Max = 0.376950
Mean = -0.578139
std = 0.268202
RMS = 0.636036
-----
```

```
***Row Num = 277
Min = 0.538090
Max = 1.009300
Mean = 0.685570
std = 0.126876
RMS = 0.696949
-----
```

```
***Row Num = 278
Min = 0.063965
Max = 0.678710
Mean = 0.353948
std = 0.144156
RMS = 0.381560
-----
```

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

```
Min = -21.000000
Max = 10.000000
Mean = -1.704545
std = 5.998370
RMS = 6.169942
```

---

```
***Row Num = 280
Min = -17.000000
Max = 10.000000
Mean = -0.977273
std = 5.087553
RMS = 5.123475
```

---

```
***Row Num = 281
Min = -6.000000
Max = 5.000000
Mean = -1.613636
std = 2.264138
RMS = 2.759282
```

---

```
***Row Num = 282
Min = -3.000000
Max = 2.000000
Mean = -0.909091
std = 1.116852
RMS = 1.430194
```

---

```
***Row Num = 283
Min = -4.000000
Max = 1.000000
Mean = -1.113636
std = 1.384565
RMS = 1.764550
```

---

```
***Row Num = 284
Min = -6.000000
Max = 5.000000
Mean = -1.045455
std = 2.640952
RMS = 2.812311
```

---

```
***Row Num = 285
Min = -18.000000
Max = 12.000000
Mean = -0.704545
std = 6.040867
RMS = 6.013243
```

---

```
***Row Num = 286
Min = -9.000000
```



```
Max = 4.000000  
Mean = -0.954545  
std = 2.684621  
RMS = 2.820380
```

---

```
***Row Num = 287  
Min = -91.000000  
Max = 72.000000  
Mean = -0.886364  
std = 35.218399  
RMS = 34.827171
```

---

```
***Row Num = 288  
Min = -21.000000  
Max = 28.000000  
Mean = 0.863636  
std = 10.377953  
RMS = 10.295630
```

---

```
***Row Num = 289  
Min = -21.000000  
Max = 15.000000  
Mean = -0.568182  
std = 6.742430  
RMS = 6.689544
```

---

```
***Row Num = 290  
Min = -7.000000  
Max = 12.000000  
Mean = 0.022727  
std = 4.682916  
RMS = 4.629451
```

---

```
***Row Num = 291  
Min = -12.000000  
Max = 47.000000  
Mean = 1.977273  
std = 10.927858  
RMS = 10.982424
```

---

```
***Row Num = 292  
Min = -29.000000  
Max = 33.000000  
Mean = 1.545455  
std = 11.872294  
RMS = 11.837921
```

---

```
***Row Num = 293  
Min = -32.000000  
Max = 28.000000
```

```
Mean = -1.454545
std = 12.348533
RMS = 12.293753
```

```
-----
***Row Num = 294
Min = -27.000000
Max = 50.000000
Mean = 0.977273
std = 15.183358
RMS = 15.041609
```

```
-----
***Row Num = 295
Min = -18.938000
Max = 15.313000
Mean = -0.636341
std = 7.458670
RMS = 7.400834
```

```
-----
***Row Num = 296
Min = -18.938000
Max = 15.313000
Mean = -0.636341
std = 7.458670
RMS = 7.400834
```

```
-----
***Row Num = 297
Min = -18.938000
Max = 15.313000
Mean = -0.636341
std = 7.458670
RMS = 7.400834
```

```
-----
***Row Num = 298
Min = -70.063000
Max = 88.875000
Mean = 4.447466
std = 34.628312
RMS = 34.520243
```

```
-----
***Row Num = 299
Min = -70.063000
Max = 88.875000
Mean = 4.447466
std = 34.628312
RMS = 34.520243
```

```
-----
***Row Num = 300
Min = -70.063000
Max = 88.875000
Mean = 4.447466
```

```
std = 34.628312
RMS = 34.520243
```

```
-----
***Row Num = 301
Min = 2.976100
Max = 3.020100
Mean = 2.997832
std = 0.011080
RMS = 2.997852
```

```
-----
***Row Num = 302
Min = 3.154100
Max = 3.206100
Mean = 3.176666
std = 0.013043
RMS = 3.176692
```

```
-----
***Row Num = 303
Min = 1.452100
Max = 1.515100
Mean = 1.486914
std = 0.015131
RMS = 1.486989
```

```
-----
***Row Num = 304
Min = 6.327400
Max = 7.004100
Mean = 6.779686
std = 0.142054
RMS = 6.781141
```

```
-----
***Row Num = 305
Min = 4.365000
Max = 6.407000
Mean = 6.028830
std = 0.385836
RMS = 6.040883
```

```
-----
***Row Num = 306
Min = 2.970100
Max = 3.700100
Mean = 3.381977
std = 0.180002
RMS = 3.386655
```

```
-----
***Row Num = 307
Min = 0.863770
Max = 0.955570
Mean = 0.915937
std = 0.017989
```

RMS = 0.916110

---

\*\*\*Row Num = 308

Min = -0.452640

Max = -0.315430

Mean = -0.374146

std = 0.031230

RMS = 0.375418

---

\*\*\*Row Num = 309

Min = 0.096680

Max = 0.163090

Mean = 0.127342

std = 0.014332

RMS = 0.128127

---

\*\*\*Row Num = 310

Min = -1.026900

Max = 0.727540

Mean = -0.555598

std = 0.313253

RMS = 0.636071

---

\*\*\*Row Num = 311

Min = 0.516110

Max = 0.929200

Mean = 0.667447

std = 0.110583

RMS = 0.676340

---

\*\*\*Row Num = 312

Min = 0.138180

Max = 0.671390

Mean = 0.386530

std = 0.141821

RMS = 0.411171

---

\*\*\*Row Num = 313

Min = -8.000000

Max = 7.000000

Mean = -0.022727

std = 3.836718

RMS = 3.792936

---

\*\*\*Row Num = 314

Min = -17.000000

Max = 7.000000

Mean = -1.045455

std = 4.492653

RMS = 4.562695

---

```
***Row Num = 315
Min = -7.000000
Max = 3.000000
Mean = -1.727273
std = 2.356225
RMS = 2.899843
```

---

```
***Row Num = 316
Min = -3.000000
Max = 2.000000
Mean = -1.000000
std = 1.120631
RMS = 1.492405
```

---

```
***Row Num = 317
Min = -3.000000
Max = 1.000000
Mean = -0.909091
std = 0.984016
RMS = 1.331438
```

---

```
***Row Num = 318
Min = -4.000000
Max = 2.000000
Mean = -0.977273
std = 1.302746
RMS = 1.616674
```

---

```
***Row Num = 319
Min = -9.000000
Max = 6.000000
Mean = -1.431818
std = 2.968029
RMS = 3.264826
```

---

```
***Row Num = 320
Min = -6.000000
Max = 2.000000
Mean = -0.795455
std = 1.471900
RMS = 1.658312
```

---

```
***Row Num = 321
Min = -72.000000
Max = 35.000000
Mean = -0.590909
std = 19.523770
RMS = 19.309677
```

---

```
***Row Num = 322  
Min = -23.000000  
Max = 23.000000  
Mean = -0.159091  
std = 9.375731  
RMS = 9.269942
```

---

```
***Row Num = 323  
Min = -42.000000  
Max = 17.000000  
Mean = -1.181818  
std = 9.244163  
RMS = 9.214613
```

---

```
***Row Num = 324  
Min = -10.000000  
Max = 8.000000  
Mean = -1.022727  
std = 4.049052  
RMS = 4.131366
```

---

```
***Row Num = 325  
Min = -16.000000  
Max = 7.000000  
Mean = -0.954545  
std = 4.355988  
RMS = 4.410731
```

---

```
***Row Num = 326  
Min = -23.000000  
Max = 14.000000  
Mean = -0.340909  
std = 7.351454  
RMS = 7.275426
```

---

```
***Row Num = 327  
Min = -26.000000  
Max = 19.000000  
Mean = -2.750000  
std = 10.138861  
RMS = 10.393398
```

---

```
***Row Num = 328  
Min = -19.000000  
Max = 39.000000  
Mean = 0.431818  
std = 12.170108  
RMS = 12.038763
```

---

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

```
Min = -13.688000
Max = 20.875000
Mean = 0.463091
std = 7.576492
RMS = 7.504203
```

---

```
***Row Num = 330
Min = -13.688000
Max = 20.875000
Mean = 0.463091
std = 7.576492
RMS = 7.504203
```

---

```
***Row Num = 331
Min = -13.688000
Max = 20.875000
Mean = 0.463091
std = 7.576492
RMS = 7.504203
```

---

```
***Row Num = 332
Min = -63.563000
Max = 78.375000
Mean = 4.889273
std = 31.033541
RMS = 31.066017
```

---

```
***Row Num = 333
Min = -63.563000
Max = 78.375000
Mean = 4.889273
std = 31.033541
RMS = 31.066017
```

---

```
***Row Num = 334
Min = -63.563000
Max = 78.375000
Mean = 4.889273
std = 31.033541
RMS = 31.066017
```

---

```
***Row Num = 335
Min = 2.981600
Max = 3.047100
Mean = 3.012618
std = 0.018796
RMS = 3.012675
```

---

```
***Row Num = 336
Min = 3.132400
```

```
Max = 3.165000
Mean = 3.148732
std = 0.006826
RMS = 3.148739
```

---

```
***Row Num = 337
Min = 1.433000
Max = 1.494500
Mean = 1.471745
std = 0.013534
RMS = 1.471806
```

---

```
***Row Num = 338
Min = 6.331900
Max = 6.936700
Mean = 6.709493
std = 0.144259
RMS = 6.711009
```

---

```
***Row Num = 339
Min = 3.883400
Max = 6.406500
Mean = 5.978809
std = 0.498398
RMS = 5.999076
```

---

```
***Row Num = 340
Min = 2.895600
Max = 3.654200
Mean = 3.324211
std = 0.191179
RMS = 3.329580
```

---

```
***Row Num = 341
Min = 0.868160
Max = 0.956540
Mean = 0.918913
std = 0.018825
RMS = 0.919101
```

---

```
***Row Num = 342
Min = -0.459960
Max = -0.287600
Mean = -0.369263
std = 0.034534
RMS = 0.370838
```

---

```
***Row Num = 343
Min = 0.097168
Max = 0.174320
```



```
Mean = 0.127519
std = 0.017431
RMS = 0.128678
```

```
-----
***Row Num = 344
Min = -1.067900
Max = -0.015137
Mean = -0.570035
std = 0.242200
RMS = 0.618278
```

```
-----
***Row Num = 345
Min = 0.454100
Max = 1.030800
Mean = 0.674006
std = 0.148913
RMS = 0.689895
```

```
-----
***Row Num = 346
Min = 0.159670
Max = 0.679690
Mean = 0.414496
std = 0.144672
RMS = 0.438476
```

```
-----
***Row Num = 347
Min = -10.000000
Max = 7.000000
Mean = -0.636364
std = 3.544343
RMS = 3.561154
```

```
-----
***Row Num = 348
Min = -10.000000
Max = 11.000000
Mean = -0.500000
std = 4.123106
RMS = 4.106536
```

```
-----
***Row Num = 349
Min = -6.000000
Max = 5.000000
Mean = -1.113636
std = 2.169727
RMS = 2.416797
```

```
-----
***Row Num = 350
Min = -5.000000
Max = 0.000000
Mean = -1.500000
```

```
std = 1.000000  
RMS = 1.796461
```

```
-----  
***Row Num = 351  
Min = -4.000000  
Max = 1.000000  
Mean = -1.227273  
std = 1.117798  
RMS = 1.651446
```

```
-----  
***Row Num = 352  
Min = -3.000000  
Max = 1.000000  
Mean = -1.113636  
std = 1.279824  
RMS = 1.685500
```

```
-----  
***Row Num = 353  
Min = -8.000000  
Max = 9.000000  
Mean = -1.500000  
std = 3.151227  
RMS = 3.457535
```

```
-----  
***Row Num = 354  
Min = -7.000000  
Max = 2.000000  
Mean = -0.863636  
std = 1.850090  
RMS = 2.022600
```

```
-----  
***Row Num = 355  
Min = -60.000000  
Max = 54.000000  
Mean = 3.568182  
std = 21.164250  
RMS = 21.224450
```

```
-----  
***Row Num = 356  
Min = -23.000000  
Max = 33.000000  
Mean = -0.886364  
std = 11.231633  
RMS = 11.138590
```

```
-----  
***Row Num = 357  
Min = -25.000000  
Max = 12.000000  
Mean = -2.750000  
std = 6.748385
```

RMS = 7.215829

-----  
\*\*\*Row Num = 358

Min = -12.000000

Max = 11.000000

Mean = -1.090909

std = 4.339211

RMS = 4.426162

-----  
\*\*\*Row Num = 359

Min = -13.000000

Max = 11.000000

Mean = -1.386364

std = 4.975362

RMS = 5.110150

-----  
\*\*\*Row Num = 360

Min = -28.000000

Max = 39.000000

Mean = -1.318182

std = 12.136381

RMS = 12.069872

-----  
\*\*\*Row Num = 361

Min = -24.000000

Max = 14.000000

Mean = -1.909091

std = 8.791693

RMS = 8.898417

-----  
\*\*\*Row Num = 362

Min = -42.000000

Max = 65.000000

Mean = 4.522727

std = 17.903473

RMS = 18.267582

-----  
\*\*\*Row Num = 363

Min = -14.938000

Max = 21.750000

Mean = 0.866489

std = 8.956879

RMS = 8.896806

-----  
\*\*\*Row Num = 364

Min = -14.938000

Max = 21.750000

Mean = 0.866489

std = 8.956879

RMS = 8.896806

---

```
***Row Num = 365
Min = -14.938000
Max = 21.750000
Mean = 0.866489
std = 8.956879
RMS = 8.896806
```

---

```
***Row Num = 366
Min = -70.250000
Max = 100.810000
Mean = 4.747125
std = 36.469872
RMS = 36.364245
```

---

```
***Row Num = 367
Min = -70.250000
Max = 100.810000
Mean = 4.747125
std = 36.469872
RMS = 36.364245
```

---

```
***Row Num = 368
Min = -70.250000
Max = 100.810000
Mean = 4.747125
std = 36.469872
RMS = 36.364245
```

---

```
***Row Num = 369
Min = 2.979400
Max = 3.060100
Mean = 3.022825
std = 0.022837
RMS = 3.022909
```

---

```
***Row Num = 370
Min = 3.125200
Max = 3.155700
Mean = 3.141550
std = 0.006523
RMS = 3.141557
```

---

```
***Row Num = 371
Min = 1.450700
Max = 1.532300
Mean = 1.495075
std = 0.017186
RMS = 1.495172
```

---

```
***Row Num = 372
Min = 6.316200
Max = 6.939100
Mean = 6.684652
std = 0.142611
RMS = 6.686139
-----
```

```
***Row Num = 373
Min = 4.802600
Max = 6.421900
Mean = 6.004682
std = 0.363932
RMS = 6.015450
-----
```

```
***Row Num = 374
Min = 2.863800
Max = 3.631000
Mean = 3.288923
std = 0.202845
RMS = 3.295030
-----
```

```
***Row Num = 375
Min = 0.863770
Max = 0.950200
Mean = 0.916582
std = 0.018230
RMS = 0.916759
-----
```

```
***Row Num = 376
Min = -0.457520
Max = -0.322750
Mean = -0.376310
std = 0.032553
RMS = 0.377683
-----
```

```
***Row Num = 377
Min = 0.092285
Max = 0.156740
Mean = 0.125489
std = 0.014311
RMS = 0.126283
-----
```

```
***Row Num = 378
Min = -1.053200
Max = 0.883790
Mean = -0.525036
std = 0.341012
RMS = 0.623947
-----
```

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

```
Min = 0.452640
Max = 1.123000
Mean = 0.704588
std = 0.170810
RMS = 0.724539
```

---

```
***Row Num = 380
Min = 0.181640
Max = 0.760740
Mean = 0.414440
std = 0.146848
RMS = 0.439129
```

---

```
***Row Num = 381
Min = -14.000000
Max = 11.000000
Mean = -0.704545
std = 4.567731
RMS = 4.570160
```

---

```
***Row Num = 382
Min = -15.000000
Max = 10.000000
Mean = -2.000000
std = 4.695371
RMS = 5.054251
```

---

```
***Row Num = 383
Min = -6.000000
Max = 4.000000
Mean = -1.477273
std = 2.129403
RMS = 2.571699
```

---

```
***Row Num = 384
Min = -4.000000
Max = 2.000000
Mean = -1.045455
std = 1.256695
RMS = 1.623688
```

---

```
***Row Num = 385
Min = -5.000000
Max = 3.000000
Mean = -1.090909
std = 1.377868
RMS = 1.745123
```

---

```
***Row Num = 386
Min = -5.000000
```

```
Max = 5.000000  
Mean = -0.954545  
std = 2.352184  
RMS = 2.513599
```

---

```
***Row Num = 387  
Min = -16.000000  
Max = 20.000000  
Mean = -1.022727  
std = 6.489665  
RMS = 6.496503
```

---

```
***Row Num = 388  
Min = -5.000000  
Max = 4.000000  
Mean = -0.931818  
std = 1.717187  
RMS = 1.936492
```

---

```
***Row Num = 389  
Min = -51.000000  
Max = 65.000000  
Mean = -2.022727  
std = 22.319549  
RMS = 22.156981
```

---

```
***Row Num = 390  
Min = -21.000000  
Max = 28.000000  
Mean = -2.477273  
std = 9.888891  
RMS = 10.084867
```

---

```
***Row Num = 391  
Min = -18.000000  
Max = 22.000000  
Mean = -1.363636  
std = 5.775211  
RMS = 5.869799
```

---

```
***Row Num = 392  
Min = -25.000000  
Max = 12.000000  
Mean = -2.113636  
std = 5.723131  
RMS = 6.039642
```

---

```
***Row Num = 393  
Min = -27.000000  
Max = 21.000000
```

```
Mean = -2.068182
std = 9.450970
RMS = 9.569126
```

---

```
***Row Num = 394
Min = -42.000000
Max = 21.000000
Mean = -2.022727
std = 11.275593
RMS = 11.328765
```

---

```
***Row Num = 395
Min = -18.000000
Max = 24.000000
Mean = -1.159091
std = 8.730974
RMS = 8.708669
```

---

```
***Row Num = 396
Min = -43.000000
Max = 43.000000
Mean = 0.409091
std = 14.832896
RMS = 14.669077
```

---

```
***Row Num = 397
Min = -17.250000
Max = 23.000000
Mean = 1.416216
std = 10.192956
RMS = 10.175497
```

---

```
***Row Num = 398
Min = -17.250000
Max = 23.000000
Mean = 1.416216
std = 10.192956
RMS = 10.175497
```

---

```
***Row Num = 399
Min = -17.250000
Max = 23.000000
Mean = 1.416216
std = 10.192956
RMS = 10.175497
```

---

```
***Row Num = 400
Min = -70.750000
Max = 84.625000
Mean = 1.853750
```



```
std = 39.238092
RMS = 38.833912
```

```
-----
***Row Num = 401
Min = -70.750000
Max = 84.625000
Mean = 1.853750
std = 39.238092
RMS = 38.833912
```

```
-----
***Row Num = 402
Min = -70.750000
Max = 84.625000
Mean = 1.853750
std = 39.238092
RMS = 38.833912
```

```
-----
***Row Num = 403
Min = 2.974600
Max = 3.039500
Mean = 3.007786
std = 0.017238
RMS = 3.007835
```

```
-----
***Row Num = 404
Min = 3.127500
Max = 3.163500
Mean = 3.143477
std = 0.008677
RMS = 3.143489
```

```
-----
***Row Num = 405
Min = 1.503900
Max = 1.613900
Mean = 1.546441
std = 0.026209
RMS = 1.546658
```

```
-----
***Row Num = 406
Min = 6.441200
Max = 6.930400
Mean = 6.698468
std = 0.126166
RMS = 6.699629
```

```
-----
***Row Num = 407
Min = 3.560500
Max = 6.405400
Mean = 5.891352
std = 0.559342
```

RMS = 5.917245

---

\*\*\*Row Num = 408

Min = 2.821800

Max = 3.721300

Mean = 3.327986

std = 0.217831

RMS = 3.334946

---

\*\*\*Row Num = 409

Min = 0.876460

Max = 0.958010

Mean = 0.917337

std = 0.016100

RMS = 0.917475

---

\*\*\*Row Num = 410

Min = -0.451170

Max = -0.313480

Mean = -0.377375

std = 0.028797

RMS = 0.378447

---

\*\*\*Row Num = 411

Min = 0.087402

Max = 0.160640

Mean = 0.125288

std = 0.015814

RMS = 0.126260

---

\*\*\*Row Num = 412

Min = -1.011700

Max = -0.110350

Mean = -0.585748

std = 0.196283

RMS = 0.617051

---

\*\*\*Row Num = 413

Min = 0.484860

Max = 1.189000

Mean = 0.702905

std = 0.162516

RMS = 0.721031

---

\*\*\*Row Num = 414

Min = 0.201170

Max = 0.752440

Mean = 0.393011

std = 0.136289

RMS = 0.415464

```
-----  
***Row Num = 415  
Min = -14.000000  
Max = 16.000000  
Mean = 0.750000  
std = 5.855330  
RMS = 5.836796  
-----
```

```
***Row Num = 416  
Min = -13.000000  
Max = 12.000000  
Mean = 0.909091  
std = 4.940663  
RMS = 4.968080  
-----
```

```
***Row Num = 417  
Min = -3.000000  
Max = 5.000000  
Mean = -0.795455  
std = 1.706070  
RMS = 1.864745  
-----
```

```
***Row Num = 418  
Min = -4.000000  
Max = 2.000000  
Mean = -0.863636  
std = 1.173167  
RMS = 1.445998  
-----
```

```
***Row Num = 419  
Min = -4.000000  
Max = 1.000000  
Mean = -1.250000  
std = 1.163895  
RMS = 1.698930  
-----
```

```
***Row Num = 420  
Min = -5.000000  
Max = 1.000000  
Mean = -1.204545  
std = 1.407282  
RMS = 1.840207  
-----
```

```
***Row Num = 421  
Min = -10.000000  
Max = 8.000000  
Mean = -1.204545  
std = 3.806845  
RMS = 3.951409  
-----
```

```
***Row Num = 422
Min = -5.000000
Max = 3.000000
Mean = -1.136364
std = 2.041328
RMS = 2.315953
```

---

```
***Row Num = 423
Min = -68.000000
Max = 36.000000
Mean = -4.363636
std = 23.542234
RMS = 23.678721
```

---

```
***Row Num = 424
Min = -20.000000
Max = 19.000000
Mean = -0.409091
std = 9.609390
RMS = 9.508370
```

---

```
***Row Num = 425
Min = -12.000000
Max = 15.000000
Mean = -0.772727
std = 6.716393
RMS = 6.684446
```

---

```
***Row Num = 426
Min = -20.000000
Max = 8.000000
Mean = -1.022727
std = 5.445240
RMS = 5.479300
```

---

```
***Row Num = 427
Min = -19.000000
Max = 14.000000
Mean = -2.022727
std = 7.215902
RMS = 7.414666
```

---

```
***Row Num = 428
Min = -19.000000
Max = 18.000000
Mean = 0.772727
std = 7.615357
RMS = 7.567875
```

---

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

```
Min = -18.000000
Max = 32.000000
Mean = 0.136364
std = 10.808246
RMS = 10.685589
```

---

```
***Row Num = 430
Min = -41.000000
Max = 52.000000
Mean = -0.704545
std = 19.146412
RMS = 18.940697
```

---

```
***Row Num = 431
Min = -16.063000
Max = 20.000000
Mean = -0.177568
std = 8.065232
RMS = 7.975032
```

---

```
***Row Num = 432
Min = -16.063000
Max = 20.000000
Mean = -0.177568
std = 8.065232
RMS = 7.975032
```

---

```
***Row Num = 433
Min = -16.063000
Max = 20.000000
Mean = -0.177568
std = 8.065232
RMS = 7.975032
```

---

```
***Row Num = 434
Min = -64.000000
Max = 92.500000
Mean = 5.758523
std = 33.172384
RMS = 33.295021
```

---

```
***Row Num = 435
Min = -64.000000
Max = 92.500000
Mean = 5.758523
std = 33.172384
RMS = 33.295021
```

---

```
***Row Num = 436
Min = -64.000000
```

```
Max = 92.500000  
Mean = 5.758523  
std = 33.172384  
RMS = 33.295021
```

---

```
***Row Num = 437  
Min = 2.971700  
Max = 3.027900  
Mean = 3.001905  
std = 0.016028  
RMS = 3.001946
```

---

```
***Row Num = 438  
Min = 3.140500  
Max = 3.173000  
Mean = 3.152161  
std = 0.007345  
RMS = 3.152170
```

---

```
***Row Num = 439  
Min = 1.539600  
Max = 1.614000  
Mean = 1.569827  
std = 0.017447  
RMS = 1.569922
```

---

```
***Row Num = 440  
Min = 6.456900  
Max = 6.887300  
Mean = 6.725598  
std = 0.105071  
RMS = 6.726400
```

---

```
***Row Num = 441  
Min = 5.502500  
Max = 6.412400  
Mean = 6.029082  
std = 0.281609  
RMS = 6.035506
```

---

```
***Row Num = 442  
Min = 3.048600  
Max = 3.734100  
Mean = 3.357920  
std = 0.205483  
RMS = 3.364059
```

---

```
***Row Num = 443  
Min = 0.876460  
Max = 0.961430
```

```
Mean = 0.917625
std = 0.016475
RMS = 0.917769
```

```
-----
***Row Num = 444
Min = -0.444340
Max = -0.314450
Mean = -0.375033
std = 0.026323
RMS = 0.375935
```

```
-----
***Row Num = 445
Min = 0.097656
Max = 0.160640
Mean = 0.120860
std = 0.012945
RMS = 0.121536
```

```
-----
***Row Num = 446
Min = -0.950680
Max = 0.378420
Mean = -0.576538
std = 0.249024
RMS = 0.626897
```

```
-----
***Row Num = 447
Min = 0.500490
Max = 1.001000
Mean = 0.681042
std = 0.110796
RMS = 0.689794
```

```
-----
***Row Num = 448
Min = 0.106450
Max = 0.647950
Mean = 0.358088
std = 0.141259
RMS = 0.384354
```

```
-----
***Row Num = 449
Min = -15.000000
Max = 23.000000
Mean = -0.454545
std = 5.816794
RMS = 5.768252
```

```
-----
***Row Num = 450
Min = -26.000000
Max = 9.000000
Mean = -1.250000
```

```
std = 5.949888  
RMS = 6.013243
```

```
-----  
***Row Num = 451  
Min = -6.000000  
Max = 3.000000  
Mean = -1.659091  
std = 1.854513  
RMS = 2.472577
```

```
-----  
***Row Num = 452  
Min = -3.000000  
Max = 2.000000  
Mean = -1.090909  
std = 1.197248  
RMS = 1.609630
```

```
-----  
***Row Num = 453  
Min = -4.000000  
Max = 2.000000  
Mean = -0.954545  
std = 1.140268  
RMS = 1.477098
```

```
-----  
***Row Num = 454  
Min = -4.000000  
Max = 2.000000  
Mean = -1.136364  
std = 1.472080  
RMS = 1.846372
```

```
-----  
***Row Num = 455  
Min = -7.000000  
Max = 4.000000  
Mean = -1.295455  
std = 2.873937  
RMS = 3.122499
```

```
-----  
***Row Num = 456  
Min = -5.000000  
Max = 2.000000  
Mean = -1.159091  
std = 1.724558  
RMS = 2.061553
```

```
-----  
***Row Num = 457  
Min = -50.000000  
Max = 59.000000  
Mean = 2.386364  
std = 20.366658
```



RMS = 20.274816

---

\*\*\*Row Num = 458  
Min = -23.000000  
Max = 29.000000  
Mean = -1.386364  
std = 12.507144  
RMS = 12.441682

---

\*\*\*Row Num = 459  
Min = -18.000000  
Max = 17.000000  
Mean = -1.863636  
std = 7.016893  
RMS = 7.182681

---

\*\*\*Row Num = 460  
Min = -15.000000  
Max = 6.000000  
Mean = -1.931818  
std = 4.448139  
RMS = 4.802935

---

\*\*\*Row Num = 461  
Min = -27.000000  
Max = 18.000000  
Mean = -3.477273  
std = 8.036222  
RMS = 8.672055

---

\*\*\*Row Num = 462  
Min = -29.000000  
Max = 30.000000  
Mean = -0.090909  
std = 10.704961  
RMS = 10.583005

---

\*\*\*Row Num = 463  
Min = -18.000000  
Max = 21.000000  
Mean = -0.568182  
std = 10.012545  
RMS = 9.914406

---

\*\*\*Row Num = 464  
Min = -31.000000  
Max = 40.000000  
Mean = 4.750000  
std = 16.536253  
RMS = 17.023380

---

\*\*\*Row Num = 465  
Min = -14.375000  
Max = 19.875000  
Mean = -0.578136  
std = 7.562792  
RMS = 7.498677

---

\*\*\*Row Num = 466  
Min = -14.375000  
Max = 19.875000  
Mean = -0.578136  
std = 7.562792  
RMS = 7.498677

---

\*\*\*Row Num = 467  
Min = -14.375000  
Max = 19.875000  
Mean = -0.578136  
std = 7.562792  
RMS = 7.498677

---

\*\*\*Row Num = 468  
Min = -66.813000  
Max = 82.938000  
Mean = 7.093818  
std = 31.869611  
RMS = 32.294131

---

\*\*\*Row Num = 469  
Min = -66.813000  
Max = 82.938000  
Mean = 7.093818  
std = 31.869611  
RMS = 32.294131

---

\*\*\*Row Num = 470  
Min = -66.813000  
Max = 82.938000  
Mean = 7.093818  
std = 31.869611  
RMS = 32.294131

---

\*\*\*Row Num = 471  
Min = 2.955200  
Max = 3.034000  
Mean = 2.994264  
std = 0.019562  
RMS = 2.994326

---

```
***Row Num = 472
Min = 3.133400
Max = 3.165100
Mean = 3.148568
std = 0.008239
RMS = 3.148579
-----
```

```
***Row Num = 473
Min = 1.495100
Max = 1.551400
Mean = 1.524116
std = 0.014373
RMS = 1.524182
-----
```

```
***Row Num = 474
Min = 6.309900
Max = 6.945800
Mean = 6.772332
std = 0.137475
RMS = 6.773695
-----
```

```
***Row Num = 475
Min = 4.309000
Max = 6.366800
Mean = 6.036057
std = 0.377482
RMS = 6.047581
-----
```

```
***Row Num = 476
Min = 3.028300
Max = 3.659600
Mean = 3.446448
std = 0.148869
RMS = 3.449588
-----
```

```
***Row Num = 477
Min = 0.877930
Max = 0.944340
Mean = 0.918746
std = 0.013400
RMS = 0.918842
-----
```

```
***Row Num = 478
Min = -0.431640
Max = -0.320310
Mean = -0.374245
std = 0.021713
RMS = 0.374860
-----
```

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

```
Min = 0.096680
Max = 0.160640
Mean = 0.119795
std = 0.013366
RMS = 0.120522
```

---

```
***Row Num = 480
Min = -0.921390
Max = -0.266600
Mean = -0.614213
std = 0.168313
RMS = 0.636352
```

---

```
***Row Num = 481
Min = 0.522460
Max = 1.031700
Mean = 0.699729
std = 0.134320
RMS = 0.712217
```

---

```
***Row Num = 482
Min = 0.223140
Max = 0.673830
Mean = 0.407215
std = 0.124667
RMS = 0.425456
```

---

```
***Row Num = 483
Min = -9.000000
Max = 12.000000
Mean = -0.045455
std = 4.763986
RMS = 4.709758
```

---

```
***Row Num = 484
Min = -8.000000
Max = 10.000000
Mean = 0.409091
std = 4.520332
RMS = 4.487356
```

---

```
***Row Num = 485
Min = -6.000000
Max = 5.000000
Mean = -0.795455
std = 2.426401
RMS = 2.527126
```

---

```
***Row Num = 486
Min = -3.000000
```

```
Max = 2.000000  
Mean = -0.818182  
std = 1.262569  
RMS = 1.492405
```

---

```
***Row Num = 487  
Min = -4.000000  
Max = 2.000000  
Mean = -1.068182  
std = 1.169331  
RMS = 1.573935
```

---

```
***Row Num = 488  
Min = -4.000000  
Max = 3.000000  
Mean = -1.227273  
std = 1.476382  
RMS = 1.906925
```

---

```
***Row Num = 489  
Min = -8.000000  
Max = 7.000000  
Mean = -0.909091  
std = 3.269437  
RMS = 3.357488
```

---

```
***Row Num = 490  
Min = -6.000000  
Max = 2.000000  
Mean = -0.818182  
std = 1.646317  
RMS = 1.821588
```

---

```
***Row Num = 491  
Min = -91.000000  
Max = 61.000000  
Mean = -1.068182  
std = 28.180810  
RMS = 27.879204
```

---

```
***Row Num = 492  
Min = -21.000000  
Max = 26.000000  
Mean = 3.636364  
std = 10.616115  
RMS = 11.106918
```

---

```
***Row Num = 493  
Min = -19.000000  
Max = 21.000000
```

```
Mean = 1.113636
std = 6.748698
RMS = 6.763875
```

```
-----
***Row Num = 494
Min = -12.000000
Max = 20.000000
Mean = -0.909091
std = 5.259844
RMS = 5.278602
```

```
-----
***Row Num = 495
Min = -19.000000
Max = 26.000000
Mean = -1.545455
std = 8.617059
RMS = 8.657629
```

```
-----
***Row Num = 496
Min = -39.000000
Max = 15.000000
Mean = -6.568182
std = 12.295580
RMS = 13.816163
```

```
-----
***Row Num = 497
Min = -34.000000
Max = 16.000000
Mean = -1.727273
std = 9.930839
RMS = 9.968131
```

```
-----
***Row Num = 498
Min = -25.000000
Max = 66.000000
Mean = 4.545455
std = 18.212511
RMS = 18.569281
```

```
-----
***Row Num = 499
Min = -20.313000
Max = 17.438000
Mean = 0.177580
std = 7.936947
RMS = 7.848245
```

```
-----
***Row Num = 500
Min = -20.313000
Max = 17.438000
Mean = 0.177580
```

```
std = 7.936947  
RMS = 7.848245
```

```
-----  
***Row Num = 501  
Min = -20.313000  
Max = 17.438000  
Mean = 0.177580  
std = 7.936947  
RMS = 7.848245
```

```
-----  
***Row Num = 502  
Min = -61.438000  
Max = 94.438000  
Mean = 3.806864  
std = 33.944849  
RMS = 33.772140
```

```
-----  
***Row Num = 503  
Min = -61.438000  
Max = 94.438000  
Mean = 3.806864  
std = 33.944849  
RMS = 33.772140
```

```
-----  
***Row Num = 504  
Min = -61.438000  
Max = 94.438000  
Mean = 3.806864  
std = 33.944849  
RMS = 33.772140
```

```
-----  
***Row Num = 505  
Min = 2.941000  
Max = 3.008300  
Mean = 2.987907  
std = 0.016955  
RMS = 2.987954
```

```
-----  
***Row Num = 506  
Min = 3.134300  
Max = 3.159000  
Mean = 3.145693  
std = 0.005385  
RMS = 3.145698
```

```
-----  
***Row Num = 507  
Min = 1.468200  
Max = 1.536700  
Mean = 1.503568  
std = 0.017285
```

RMS = 1.503665

---

\*\*\*Row Num = 508

Min = 6.530900

Max = 6.832700

Mean = 6.679693

std = 0.082498

RMS = 6.680191

---

\*\*\*Row Num = 509

Min = 5.656000

Max = 6.326800

Mean = 6.051952

std = 0.214717

RMS = 6.055674

---

\*\*\*Row Num = 510

Min = 3.235700

Max = 3.659100

Mean = 3.418816

std = 0.139664

RMS = 3.421603

---

\*\*\*Row Num = 511

Min = 0.855960

Max = 0.949220

Mean = 0.916582

std = 0.020095

RMS = 0.916797

---

\*\*\*Row Num = 512

Min = -0.458980

Max = -0.329100

Mean = -0.377308

std = 0.029024

RMS = 0.378398

---

\*\*\*Row Num = 513

Min = 0.090332

Max = 0.160640

Mean = 0.122458

std = 0.015903

RMS = 0.123463

---

\*\*\*Row Num = 514

Min = -1.088400

Max = -0.171390

Mean = -0.632892

std = 0.210109

RMS = 0.666104



---

```
***Row Num = 515
Min = 0.497070
Max = 1.039600
Mean = 0.682430
std = 0.150475
RMS = 0.698455
```

---

```
***Row Num = 516
Min = 0.180180
Max = 0.663570
Mean = 0.393666
std = 0.142226
RMS = 0.418021
```

---

```
***Row Num = 517
Min = -25.000000
Max = 10.000000
Mean = -1.204545
std = 5.748931
RMS = 5.809475
```

---

```
***Row Num = 518
Min = -16.000000
Max = 15.000000
Mean = -0.409091
std = 6.333074
RMS = 6.274045
```

---

```
***Row Num = 519
Min = -6.000000
Max = 6.000000
Mean = -1.000000
std = 2.411214
RMS = 2.584921
```

---

```
***Row Num = 520
Min = -4.000000
Max = 1.000000
Mean = -1.068182
std = 1.189053
RMS = 1.588310
```

---

```
***Row Num = 521
Min = -4.000000
Max = 2.000000
Mean = -1.068182
std = 1.246348
RMS = 1.630672
```

---

```
***Row Num = 522
Min = -4.000000
Max = 2.000000
Mean = -0.954545
std = 1.461992
RMS = 1.732051
-----
```

```
***Row Num = 523
Min = -8.000000
Max = 5.000000
Mean = -0.409091
std = 2.951690
RMS = 2.946493
-----
```

```
***Row Num = 524
Min = -5.000000
Max = 2.000000
Mean = -0.818182
std = 1.871111
RMS = 2.022600
-----
```

```
***Row Num = 525
Min = -81.000000
Max = 51.000000
Mean = -2.090909
std = 33.814692
RMS = 33.493554
-----
```

```
***Row Num = 526
Min = -22.000000
Max = 23.000000
Mean = 0.863636
std = 10.292447
RMS = 10.211402
-----
```

```
***Row Num = 527
Min = -13.000000
Max = 15.000000
Mean = -0.386364
std = 5.694616
RMS = 5.642775
-----
```

```
***Row Num = 528
Min = -11.000000
Max = 24.000000
Mean = -0.500000
std = 6.055941
RMS = 6.007571
-----
```

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

```
Min = -32.000000
Max = 45.000000
Mean = 0.454545
std = 14.401961
RMS = 14.244616
```

---

```
***Row Num = 530
Min = -42.000000
Max = 21.000000
Mean = -3.113636
std = 13.226499
RMS = 13.440948
```

---

```
***Row Num = 531
Min = -35.000000
Max = 16.000000
Mean = -0.204545
std = 11.253071
RMS = 11.126341
```

---

```
***Row Num = 532
Min = -37.000000
Max = 43.000000
Mean = 0.409091
std = 16.106215
RMS = 15.927392
```

---

```
***Row Num = 533
Min = -14.875000
Max = 20.125000
Mean = 0.453159
std = 8.523684
RMS = 8.438444
```

---

```
***Row Num = 534
Min = -14.875000
Max = 20.125000
Mean = 0.453159
std = 8.523684
RMS = 8.438444
```

---

```
***Row Num = 535
Min = -14.875000
Max = 20.125000
Mean = 0.453159
std = 8.523684
RMS = 8.438444
```

---

```
***Row Num = 536
Min = -81.125000
```

```
Max = 82.625000  
Mean = 6.191818  
std = 39.310665  
RMS = 39.351568
```

---

```
***Row Num = 537  
Min = -81.125000  
Max = 82.625000  
Mean = 6.191818  
std = 39.310665  
RMS = 39.351568
```

---

```
***Row Num = 538  
Min = -81.125000  
Max = 82.625000  
Mean = 6.191818  
std = 39.310665  
RMS = 39.351568
```

---

```
***Row Num = 539  
Min = 2.953100  
Max = 3.033400  
Mean = 2.996941  
std = 0.023521  
RMS = 2.997031
```

---

```
***Row Num = 540  
Min = 3.135500  
Max = 3.169400  
Mean = 3.153248  
std = 0.007860  
RMS = 3.153257
```

---

```
***Row Num = 541  
Min = 1.406300  
Max = 1.512000  
Mean = 1.459052  
std = 0.024501  
RMS = 1.459253
```

---

```
***Row Num = 542  
Min = 6.384200  
Max = 6.988800  
Mean = 6.715709  
std = 0.119822  
RMS = 6.716754
```

---

```
***Row Num = 543  
Min = 5.573700  
Max = 6.406900
```

```
Mean = 6.101402
std = 0.232512
RMS = 6.105730
```

```
-----
***Row Num = 544
Min = 3.286300
Max = 3.783600
Mean = 3.488936
std = 0.166911
RMS = 3.492836
```

```
-----
***Row Num = 545
Min = 0.878420
Max = 0.936040
Mean = 0.913507
std = 0.011918
RMS = 0.913583
```

```
-----
***Row Num = 546
Min = -0.420410
Max = -0.321780
Mean = -0.379573
std = 0.020353
RMS = 0.380106
```

```
-----
***Row Num = 547
Min = 0.116700
Max = 0.170900
Mean = 0.144387
std = 0.011879
RMS = 0.144863
```

```
-----
***Row Num = 548
Min = -1.046900
Max = -0.235350
Mean = -0.647594
std = 0.186306
RMS = 0.673275
```

```
-----
***Row Num = 549
Min = 0.478030
Max = 0.948240
Mean = 0.671298
std = 0.114085
RMS = 0.680706
```

```
-----
***Row Num = 550
Min = 0.132810
Max = 0.716310
Mean = 0.399236
```

```
std = 0.132991  
RMS = 0.420326
```

```
-----  
***Row Num = 551  
Min = -10.000000  
Max = 9.000000  
Mean = -1.227273  
std = 3.814682  
RMS = 3.965763
```

```
-----  
***Row Num = 552  
Min = -10.000000  
Max = 7.000000  
Mean = -1.045455  
std = 4.334580  
RMS = 4.410731
```

```
-----  
***Row Num = 553  
Min = -7.000000  
Max = 4.000000  
Mean = -0.909091  
std = 1.986210  
RMS = 2.163751
```

```
-----  
***Row Num = 554  
Min = -5.000000  
Max = 1.000000  
Mean = -0.840909  
std = 1.199674  
RMS = 1.453835
```

```
-----  
***Row Num = 555  
Min = -3.000000  
Max = 1.000000  
Mean = -1.090909  
std = 0.960092  
RMS = 1.445998
```

```
-----  
***Row Num = 556  
Min = -4.000000  
Max = 2.000000  
Mean = -0.886364  
std = 1.224097  
RMS = 1.500000
```

```
-----  
***Row Num = 557  
Min = -5.000000  
Max = 7.000000  
Mean = -0.636364  
std = 2.252553
```

RMS = 2.315953

-----  
\*\*\*Row Num = 558

Min = -4.000000

Max = 2.000000

Mean = -0.954545

std = 1.140268

RMS = 1.477098

-----  
\*\*\*Row Num = 559

Min = -100.000000

Max = 47.000000

Mean = -7.431818

std = 32.390350

RMS = 32.871306

-----  
\*\*\*Row Num = 560

Min = -42.000000

Max = 21.000000

Mean = -2.204545

std = 12.600442

RMS = 12.650009

-----  
\*\*\*Row Num = 561

Min = -13.000000

Max = 12.000000

Mean = -1.022727

std = 6.218833

RMS = 6.232248

-----  
\*\*\*Row Num = 562

Min = -8.000000

Max = 13.000000

Mean = -0.909091

std = 4.387181

RMS = 4.431294

-----  
\*\*\*Row Num = 563

Min = -13.000000

Max = 14.000000

Mean = -0.931818

std = 5.703519

RMS = 5.714813

-----  
\*\*\*Row Num = 564

Min = -27.000000

Max = 27.000000

Mean = 0.727273

std = 11.363679

RMS = 11.257321

---

```
***Row Num = 565
Min = -32.000000
Max = 23.000000
Mean = -1.090909
std = 9.992598
RMS = 9.938447
```

---

```
***Row Num = 566
Min = -39.000000
Max = 45.000000
Mean = -2.863636
std = 18.850194
RMS = 18.853502
```

---

```
***Row Num = 567
Min = -19.000000
Max = 17.375000
Mean = 0.346591
std = 8.091786
RMS = 8.006810
```

---

```
***Row Num = 568
Min = -19.000000
Max = 17.375000
Mean = 0.346591
std = 8.091786
RMS = 8.006810
```

---

```
***Row Num = 569
Min = -19.000000
Max = 17.375000
Mean = 0.346591
std = 8.091786
RMS = 8.006810
```

---

```
***Row Num = 570
Min = -65.063000
Max = 61.125000
Mean = 4.271352
std = 32.681321
RMS = 32.588939
```

---

```
***Row Num = 571
Min = -65.063000
Max = 61.125000
Mean = 4.271352
std = 32.681321
RMS = 32.588939
```

---



```
***Row Num = 572
Min = -65.063000
Max = 61.125000
Mean = 4.271352
std = 32.681321
RMS = 32.588939
-----
```

```
***Row Num = 573
Min = 3.048500
Max = 3.099400
Mean = 3.073468
std = 0.013061
RMS = 3.073495
-----
```

```
***Row Num = 574
Min = 3.153700
Max = 3.186800
Mean = 3.171205
std = 0.006647
RMS = 3.171211
-----
```

```
***Row Num = 575
Min = 1.218200
Max = 1.289400
Mean = 1.248739
std = 0.017833
RMS = 1.248863
-----
```

```
***Row Num = 576
Min = 6.474900
Max = 6.808800
Mean = 6.644766
std = 0.093673
RMS = 6.645411
-----
```

```
***Row Num = 577
Min = 5.753200
Max = 6.404100
Mean = 6.117550
std = 0.199641
RMS = 6.120733
-----
```

```
***Row Num = 578
Min = 3.311200
Max = 3.818600
Mean = 3.522564
std = 0.139650
RMS = 3.525268
-----
```

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

```
Min = 0.878420
Max = 0.935060
Mean = 0.913552
std = 0.012364
RMS = 0.913634
```

---

```
***Row Num = 580
Min = -0.421880
Max = -0.340820
Mean = -0.380815
std = 0.018147
RMS = 0.381238
```

---

```
***Row Num = 581
Min = 0.109380
Max = 0.156740
Mean = 0.135976
std = 0.012187
RMS = 0.136509
```

---

```
***Row Num = 582
Min = -0.908690
Max = -0.240230
Mean = -0.614257
std = 0.163237
RMS = 0.635100
```

---

```
***Row Num = 583
Min = 0.518550
Max = 0.842770
Mean = 0.659435
std = 0.088059
RMS = 0.665156
```

---

```
***Row Num = 584
Min = 0.208980
Max = 0.638180
Mean = 0.419822
std = 0.117273
RMS = 0.435536
```

---

```
***Row Num = 585
Min = -23.000000
Max = 10.000000
Mean = -1.772727
std = 6.699058
RMS = 6.855655
```

---

```
***Row Num = 586
Min = -11.000000
```

```
Max = 7.000000  
Mean = -1.295455  
std = 3.707814  
RMS = 3.887626
```

---

```
***Row Num = 587  
Min = -4.000000  
Max = 1.000000  
Mean = -1.295455  
std = 1.024798  
RMS = 1.644550
```

---

```
***Row Num = 588  
Min = -3.000000  
Max = 1.000000  
Mean = -0.977273  
std = 1.130726  
RMS = 1.484771
```

---

```
***Row Num = 589  
Min = -3.000000  
Max = 1.000000  
Mean = -1.068182  
std = 0.899554  
RMS = 1.389899
```

---

```
***Row Num = 590  
Min = -3.000000  
Max = 3.000000  
Mean = -0.954545  
std = 1.396916  
RMS = 1.678744
```

---

```
***Row Num = 591  
Min = -4.000000  
Max = 7.000000  
Mean = -0.431818  
std = 2.356562  
RMS = 2.369311
```

---

```
***Row Num = 592  
Min = -5.000000  
Max = 3.000000  
Mean = -0.636364  
std = 1.600740  
RMS = 1.705606
```

---

```
***Row Num = 593  
Min = -58.000000  
Max = 51.000000
```

```
Mean = -0.340909
std = 23.068093
RMS = 22.806997
```

```
-----
***Row Num = 594
Min = -22.000000
Max = 22.000000
Mean = -1.386364
std = 9.729399
RMS = 9.717604
```

```
-----
***Row Num = 595
Min = -14.000000
Max = 12.000000
Mean = -0.772727
std = 5.535776
RMS = 5.526794
```

```
-----
***Row Num = 596
Min = -8.000000
Max = 9.000000
Mean = -0.772727
std = 3.916950
RMS = 3.948533
```

```
-----
***Row Num = 597
Min = -8.000000
Max = 21.000000
Mean = 0.409091
std = 4.985179
RMS = 4.945154
```

```
-----
***Row Num = 598
Min = -36.000000
Max = 21.000000
Mean = -0.954545
std = 9.187845
RMS = 9.132858
```

```
-----
***Row Num = 599
Min = -32.000000
Max = 29.000000
Mean = 0.045455
std = 13.518213
RMS = 13.363791
```

```
-----
***Row Num = 600
Min = -31.000000
Max = 21.000000
Mean = 0.500000
```

```
std = 13.190024  
RMS = 13.048859
```

```
-----  
***Row Num = 601  
Min = -13.813000  
Max = 12.938000  
Mean = -0.029830  
std = 6.537111  
RMS = 6.462468
```

```
-----  
***Row Num = 602  
Min = -13.813000  
Max = 12.938000  
Mean = -0.029830  
std = 6.537111  
RMS = 6.462468
```

```
-----  
***Row Num = 603  
Min = -13.813000  
Max = 12.938000  
Mean = -0.029830  
std = 6.537111  
RMS = 6.462468
```

```
-----  
***Row Num = 604  
Min = -59.750000  
Max = 60.500000  
Mean = 5.826727  
std = 27.613299  
RMS = 27.912642
```

```
-----  
***Row Num = 605  
Min = -59.750000  
Max = 60.500000  
Mean = 5.826727  
std = 27.613299  
RMS = 27.912642
```

```
-----  
***Row Num = 606  
Min = -59.750000  
Max = 60.500000  
Mean = 5.826727  
std = 27.613299  
RMS = 27.912642
```

```
-----  
***Row Num = 607  
Min = 2.997400  
Max = 3.068400  
Mean = 3.043209  
std = 0.017316
```

RMS = 3.043257

---

\*\*\*Row Num = 608

Min = 3.153200

Max = 3.175600

Mean = 3.164516

std = 0.005272

RMS = 3.164520

---

\*\*\*Row Num = 609

Min = 1.179800

Max = 1.233100

Mean = 1.204184

std = 0.013774

RMS = 1.204261

---

\*\*\*Row Num = 610

Min = 6.394000

Max = 6.802900

Mean = 6.637900

std = 0.091830

RMS = 6.638521

---

\*\*\*Row Num = 611

Min = 5.438100

Max = 6.372100

Mean = 6.083198

std = 0.199371

RMS = 6.086390

---

\*\*\*Row Num = 612

Min = 3.241700

Max = 3.776500

Mean = 3.441927

std = 0.138729

RMS = 3.444658

---

\*\*\*Row Num = 613

Min = 0.877440

Max = 0.938480

Mean = 0.919234

std = 0.012175

RMS = 0.919313

---

\*\*\*Row Num = 614

Min = -0.412110

Max = -0.329100

Mean = -0.369485

std = 0.019487

RMS = 0.369986

---

\*\*\*Row Num = 615  
Min = 0.101070  
Max = 0.153320  
Mean = 0.128207  
std = 0.012638  
RMS = 0.128814

---

\*\*\*Row Num = 616  
Min = -0.946780  
Max = -0.268550  
Mean = -0.641447  
std = 0.175363  
RMS = 0.664460

---

\*\*\*Row Num = 617  
Min = 0.527340  
Max = 0.914550  
Mean = 0.651833  
std = 0.107747  
RMS = 0.660479

---

\*\*\*Row Num = 618  
Min = 0.191890  
Max = 0.694340  
Mean = 0.428689  
std = 0.122648  
RMS = 0.445505

---

\*\*\*Row Num = 619  
Min = -16.000000  
Max = 9.000000  
Mean = -1.613636  
std = 5.113666  
RMS = 5.306514

---

\*\*\*Row Num = 620  
Min = -21.000000  
Max = 12.000000  
Mean = -1.590909  
std = 6.158066  
RMS = 6.292131

---

\*\*\*Row Num = 621  
Min = -5.000000  
Max = 1.000000  
Mean = -1.227273  
std = 1.217386  
RMS = 1.718879

---

```
***Row Num = 622
Min = -3.000000
Max = 2.000000
Mean = -1.250000
std = 1.163895
RMS = 1.698930
-----
```

```
***Row Num = 623
Min = -3.000000
Max = 1.000000
Mean = -1.159091
std = 1.033017
RMS = 1.544786
-----
```

```
***Row Num = 624
Min = -4.000000
Max = 2.000000
Mean = -1.113636
std = 1.279824
RMS = 1.685500
-----
```

```
***Row Num = 625
Min = -5.000000
Max = 8.000000
Mean = -0.886364
std = 2.544633
RMS = 2.667140
-----
```

```
***Row Num = 626
Min = -4.000000
Max = 3.000000
Mean = -0.454545
std = 1.731440
RMS = 1.770978
-----
```

```
***Row Num = 627
Min = -40.000000
Max = 32.000000
Mean = 1.454545
std = 15.628618
RMS = 15.518318
-----
```

```
***Row Num = 628
Min = -24.000000
Max = 28.000000
Mean = 1.363636
std = 8.779180
RMS = 8.785318
-----
```

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



```
Min = -12.000000
Max = 9.000000
Mean = 0.659091
std = 4.802825
RMS = 4.793461
```

---

```
***Row Num = 630
Min = -14.000000
Max = 7.000000
Mean = -0.113636
std = 4.436717
RMS = 4.387482
```

---

```
***Row Num = 631
Min = -45.000000
Max = 27.000000
Mean = -1.431818
std = 11.473727
RMS = 11.432609
```

---

```
***Row Num = 632
Min = -72.000000
Max = 39.000000
Mean = -2.272727
std = 21.080536
RMS = 20.963171
```

---

```
***Row Num = 633
Min = -22.000000
Max = 14.000000
Mean = -0.090909
std = 7.679081
RMS = 7.591862
```

---

```
***Row Num = 634
Min = -34.000000
Max = 35.000000
Mean = -2.840909
std = 13.746785
RMS = 13.883443
```

---

```
***Row Num = 635
Min = -17.625000
Max = 16.188000
Mean = 0.244284
std = 7.879679
RMS = 7.793453
```

---

```
***Row Num = 636
Min = -17.625000
```

```
Max = 16.188000  
Mean = 0.244284  
std = 7.879679  
RMS = 7.793453
```

---

```
***Row Num = 637  
Min = -17.625000  
Max = 16.188000  
Mean = 0.244284  
std = 7.879679  
RMS = 7.793453
```

---

```
***Row Num = 638  
Min = -55.188000  
Max = 57.125000  
Mean = 2.019852  
std = 29.696766  
RMS = 29.426766
```

---

```
***Row Num = 639  
Min = -55.188000  
Max = 57.125000  
Mean = 2.019852  
std = 29.696766  
RMS = 29.426766
```

---

```
***Row Num = 640  
Min = -55.188000  
Max = 57.125000  
Mean = 2.019852  
std = 29.696766  
RMS = 29.426766
```

---

```
***Row Num = 641  
Min = 2.989800  
Max = 3.049900  
Mean = 3.025275  
std = 0.017652  
RMS = 3.025325
```

---

```
***Row Num = 642  
Min = 3.134600  
Max = 3.152300  
Mean = 3.143305  
std = 0.004023  
RMS = 3.143307
```

---

```
***Row Num = 643  
Min = 1.092600  
Max = 1.188300
```

```
Mean = 1.145807
std = 0.023294
RMS = 1.146038
```

```
-----
***Row Num = 644
Min = 6.438800
Max = 6.751300
Mean = 6.594207
std = 0.087493
RMS = 6.594774
```

```
-----
***Row Num = 645
Min = 5.697000
Max = 6.409600
Mean = 6.121836
std = 0.213073
RMS = 6.125459
```

```
-----
***Row Num = 646
Min = 3.241100
Max = 3.844100
Mean = 3.503927
std = 0.177421
RMS = 3.508314
```

```
-----
***Row Num = 647
Min = 0.892580
Max = 0.949220
Mean = 0.922186
std = 0.012695
RMS = 0.922272
```

```
-----
***Row Num = 648
Min = -0.416990
Max = -0.328610
Mean = -0.365712
std = 0.021621
RMS = 0.366336
```

```
-----
***Row Num = 649
Min = 0.085449
Max = 0.140630
Mean = 0.117654
std = 0.012665
RMS = 0.118318
```

```
-----
***Row Num = 650
Min = -0.969730
Max = 1.080100
Mean = -0.543113
```

```
std = 0.419343  
RMS = 0.683245
```

```
-----  
***Row Num = 651  
Min = 0.511230  
Max = 0.864750  
Mean = 0.641790  
std = 0.096609  
RMS = 0.648857
```

```
-----  
***Row Num = 652  
Min = 0.187500  
Max = 0.708500  
Mean = 0.407482  
std = 0.138803  
RMS = 0.429965
```

```
-----  
***Row Num = 653  
Min = -7.000000  
Max = 12.000000  
Mean = -0.613636  
std = 3.699251  
RMS = 3.708099
```

```
-----  
***Row Num = 654  
Min = -18.000000  
Max = 15.000000  
Mean = -0.250000  
std = 5.207888  
RMS = 5.154433
```

```
-----  
***Row Num = 655  
Min = -4.000000  
Max = 2.000000  
Mean = -1.136364  
std = 1.423898  
RMS = 1.809068
```

```
-----  
***Row Num = 656  
Min = -3.000000  
Max = 1.000000  
Mean = -0.840909  
std = 0.963115  
RMS = 1.270290
```

```
-----  
***Row Num = 657  
Min = -2.000000  
Max = 1.000000  
Mean = -0.954545  
std = 0.745671
```

RMS = 1.206045

---

\*\*\*Row Num = 658

Min = -4.000000

Max = 2.000000

Mean = -1.000000

std = 1.397672

RMS = 1.705606

---

\*\*\*Row Num = 659

Min = -6.000000

Max = 5.000000

Mean = -0.727273

std = 2.213738

RMS = 2.306118

---

\*\*\*Row Num = 660

Min = -5.000000

Max = 3.000000

Mean = -1.159091

std = 1.879426

RMS = 2.189853

---

\*\*\*Row Num = 661

Min = -64.000000

Max = 54.000000

Mean = -2.818182

std = 21.515027

RMS = 21.455027

---

\*\*\*Row Num = 662

Min = -52.000000

Max = 17.000000

Mean = -1.272727

std = 11.380039

RMS = 11.321741

---

\*\*\*Row Num = 663

Min = -40.000000

Max = 117.000000

Mean = -0.136364

std = 20.143198

RMS = 19.913449

---

\*\*\*Row Num = 664

Min = -12.000000

Max = 19.000000

Mean = -1.568182

std = 5.772419

RMS = 5.918000

---

```
***Row Num = 665
Min = -15.000000
Max = 23.000000
Mean = -0.977273
std = 5.479300
RMS = 5.504131
```

---

```
***Row Num = 666
Min = -20.000000
Max = 24.000000
Mean = 0.204545
std = 8.584950
RMS = 8.489298
```

---

```
***Row Num = 667
Min = -20.000000
Max = 19.000000
Mean = 0.454545
std = 8.165311
RMS = 8.084778
```

---

```
***Row Num = 668
Min = -22.000000
Max = 49.000000
Mean = 2.454545
std = 14.086864
RMS = 14.140528
```

---

```
***Row Num = 669
Min = -14.813000
Max = 14.938000
Mean = -0.129227
std = 7.277128
RMS = 7.195119
```

---

```
***Row Num = 670
Min = -14.813000
Max = 14.938000
Mean = -0.129227
std = 7.277128
RMS = 7.195119
```

---

```
***Row Num = 671
Min = -14.813000
Max = 14.938000
Mean = -0.129227
std = 7.277128
RMS = 7.195119
```

---

```
***Row Num = 672  
Min = -65.188000  
Max = 59.563000  
Mean = 6.338080  
std = 30.779722  
RMS = 31.081037
```

---

```
***Row Num = 673  
Min = -65.188000  
Max = 59.563000  
Mean = 6.338080  
std = 30.779722  
RMS = 31.081037
```

---

```
***Row Num = 674  
Min = -65.188000  
Max = 59.563000  
Mean = 6.338080  
std = 30.779722  
RMS = 31.081037
```

---

```
***Row Num = 675  
Min = 2.961800  
Max = 3.019500  
Mean = 2.988580  
std = 0.019239  
RMS = 2.988640
```

---

```
***Row Num = 676  
Min = 3.116000  
Max = 3.142300  
Mean = 3.128018  
std = 0.007024  
RMS = 3.128026
```

---

```
***Row Num = 677  
Min = 1.072200  
Max = 1.159100  
Mean = 1.110614  
std = 0.022088  
RMS = 1.110828
```

---

```
***Row Num = 678  
Min = 6.296200  
Max = 6.780900  
Mean = 6.619098  
std = 0.135370  
RMS = 6.620450
```

---

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

```
Min = 3.318300  
Max = 6.386400  
Mean = 5.948495  
std = 0.671606  
RMS = 5.985432
```

```
-----  
***Row Num = 680  
Min = 2.895100  
Max = 3.850000  
Mean = 3.520432  
std = 0.205056  
RMS = 3.526263  
>>
```