

```
>> Untitled4  
Action_FATHER.csv
```

```
-----  
***Row Num = 1  
Min = 0.873050  
Max = 0.937500  
Mean = 0.905973  
std = 0.013779  
RMS = 0.906076  
-----
```

```
***Row Num = 2  
Min = -0.423340  
Max = -0.353520  
Mean = -0.394133  
std = 0.018188  
RMS = 0.394543  
-----
```

```
***Row Num = 3  
Min = 0.108400  
Max = 0.170410  
Mean = 0.148238  
std = 0.013902  
RMS = 0.148874  
-----
```

```
***Row Num = 4  
Min = -0.976070  
Max = 1.081100  
Mean = -0.058094  
std = 0.811890  
RMS = 0.804710  
-----
```

```
***Row Num = 5  
Min = 0.286130  
Max = 0.972660  
Mean = 0.478116  
std = 0.189379  
RMS = 0.513463  
-----
```

```
***Row Num = 6  
Min = -0.334960  
Max = 0.669430  
Mean = 0.123768  
std = 0.252307  
RMS = 0.278443  
-----
```

```
***Row Num = 7  
Min = -3.000000  
Max = 1.000000  
Mean = -1.090909  
std = 0.884444
```

RMS = 1.398051

---

\*\*\*Row Num = 8  
Min = -3.000000  
Max = 2.000000  
Mean = -1.022727  
std = 1.171138  
RMS = 1.544786

---

\*\*\*Row Num = 9  
Min = -4.000000  
Max = 1.000000  
Mean = -1.159091  
std = 1.010254  
RMS = 1.530003

---

\*\*\*Row Num = 10  
Min = -3.000000  
Max = 1.000000  
Mean = -1.227273  
std = 1.008421  
RMS = 1.581139

---

\*\*\*Row Num = 11  
Min = -3.000000  
Max = 2.000000  
Mean = -1.068182  
std = 0.974028  
RMS = 1.438117

---

\*\*\*Row Num = 12  
Min = -5.000000  
Max = 4.000000  
Mean = -1.136364  
std = 1.322276  
RMS = 1.732051

---

\*\*\*Row Num = 13  
Min = -6.000000  
Max = 11.000000  
Mean = -0.681818  
std = 2.259581  
RMS = 2.335497

---

\*\*\*Row Num = 14  
Min = -7.000000  
Max = 1.000000  
Mean = -0.931818  
std = 1.353681  
RMS = 1.630672

---

```
***Row Num = 15
Min = -71.000000
Max = 57.000000
Mean = -5.431818
std = 25.679055
RMS = 25.960197
```

---

```
***Row Num = 16
Min = -27.000000
Max = 21.000000
Mean = -2.545455
std = 9.349679
RMS = 9.586923
```

---

```
***Row Num = 17
Min = -15.000000
Max = 10.000000
Mean = -1.931818
std = 3.973153
RMS = 4.377110
```

---

```
***Row Num = 18
Min = -6.000000
Max = 6.000000
Mean = -1.318182
std = 2.370092
RMS = 2.688359
```

---

```
***Row Num = 19
Min = -16.000000
Max = 4.000000
Mean = -1.681818
std = 3.455853
RMS = 3.807887
```

---

```
***Row Num = 20
Min = -16.000000
Max = 7.000000
Mean = -1.136364
std = 4.251352
RMS = 4.353682
```

---

```
***Row Num = 21
Min = -19.000000
Max = 14.000000
Mean = 0.045455
std = 6.216836
RMS = 6.145952
```

---

```
***Row Num = 22  
Min = -38.000000  
Max = 33.000000  
Mean = -0.181818  
std = 11.136098  
RMS = 11.010326
```

---

```
***Row Num = 23  
Min = -15.000000  
Max = 11.250000  
Mean = -1.264216  
std = 5.436725  
RMS = 5.521272
```

---

```
***Row Num = 24  
Min = -15.000000  
Max = 11.250000  
Mean = -1.264216  
std = 5.436725  
RMS = 5.521272
```

---

```
***Row Num = 25  
Min = -15.000000  
Max = 11.250000  
Mean = -1.264216  
std = 5.436725  
RMS = 5.521272
```

---

```
***Row Num = 26  
Min = -69.625000  
Max = 70.813000  
Mean = 2.453148  
std = 28.026622  
RMS = 27.814698
```

---

```
***Row Num = 27  
Min = -69.625000  
Max = 70.813000  
Mean = 2.453148  
std = 28.026622  
RMS = 27.814698
```

---

```
***Row Num = 28  
Min = -69.625000  
Max = 70.813000  
Mean = 2.453148  
std = 28.026622  
RMS = 27.814698
```

---

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

```
Min = 3.034800
Max = 3.117300
Mean = 3.060873
std = 0.022645
RMS = 3.060955
```

---

```
***Row Num = 30
Min = 3.139100
Max = 3.230600
Mean = 3.191152
std = 0.031934
RMS = 3.191308
```

---

```
***Row Num = 31
Min = 7.126500
Max = 7.203500
Mean = 7.154150
std = 0.017130
RMS = 7.154170
```

---

```
***Row Num = 32
Min = 6.545000
Max = 8.237400
Mean = 7.311489
std = 0.570408
RMS = 7.333201
```

---

```
***Row Num = 33
Min = 3.084300
Max = 6.871900
Mean = 5.216059
std = 1.657231
RMS = 5.467291
```

---

```
***Row Num = 34
Min = 7.559500
Max = 9.788900
Mean = 8.529814
std = 0.806731
RMS = 8.567015
```

---

```
***Row Num = 35
Min = 0.890140
Max = 0.933110
Mean = 0.906639
std = 0.009243
RMS = 0.906685
```

---

```
***Row Num = 36
Min = -0.416500
```

```
Max = -0.365230
Mean = -0.393787
std = 0.013324
RMS = 0.394007
```

---

```
***Row Num = 37
Min = 0.124020
Max = 0.174320
Mean = 0.142090
std = 0.010407
RMS = 0.142462
```

---

```
***Row Num = 38
Min = -1.063500
Max = 1.011700
Mean = 0.034423
std = 0.803189
RMS = 0.794755
```

---

```
***Row Num = 39
Min = 0.260740
Max = 0.963870
Mean = 0.491933
std = 0.195893
RMS = 0.528677
```

---

```
***Row Num = 40
Min = -0.219240
Max = 0.693850
Mean = 0.203025
std = 0.241031
RMS = 0.313041
```

---

```
***Row Num = 41
Min = -5.000000
Max = 4.000000
Mean = -1.068182
std = 1.662133
RMS = 1.959824
```

---

```
***Row Num = 42
Min = -3.000000
Max = 0.000000
Mean = -1.431818
std = 0.974028
RMS = 1.725478
```

---

```
***Row Num = 43
Min = -3.000000
Max = 4.000000
```

```
Mean = -1.045455
std = 1.461992
RMS = 1.783765
```

```
-----
***Row Num = 44
Min = -3.000000
Max = 1.000000
Mean = -0.863636
std = 1.112109
RMS = 1.398051
```

```
-----
***Row Num = 45
Min = -3.000000
Max = 1.000000
Mean = -1.022727
std = 0.901901
RMS = 1.356801
```

```
-----
***Row Num = 46
Min = -3.000000
Max = 1.000000
Mean = -1.113636
std = 0.920463
RMS = 1.438117
```

```
-----
***Row Num = 47
Min = -3.000000
Max = 2.000000
Mean = -1.022727
std = 1.109968
RMS = 1.500000
```

```
-----
***Row Num = 48
Min = -3.000000
Max = 1.000000
Mean = -1.022727
std = 1.022733
RMS = 1.438117
```

```
-----
***Row Num = 49
Min = -77.000000
Max = 40.000000
Mean = -4.795455
std = 22.930207
RMS = 23.169828
```

```
-----
***Row Num = 50
Min = -27.000000
Max = 10.000000
Mean = -2.931818
```

```
std = 8.303537
RMS = 8.716494
```

```
-----
***Row Num = 51
Min = -27.000000
Max = 40.000000
Mean = -0.477273
std = 11.040072
RMS = 10.924326
```

```
-----
***Row Num = 52
Min = -17.000000
Max = 24.000000
Mean = -1.227273
std = 6.313012
RMS = 6.360389
```

```
-----
***Row Num = 53
Min = -21.000000
Max = 20.000000
Mean = -1.681818
std = 7.148826
RMS = 7.264484
```

```
-----
***Row Num = 54
Min = -11.000000
Max = 14.000000
Mean = -1.681818
std = 4.787448
RMS = 5.022676
```

```
-----
***Row Num = 55
Min = -21.000000
Max = 18.000000
Mean = -0.113636
std = 5.751505
RMS = 5.686907
```

```
-----
***Row Num = 56
Min = -34.000000
Max = 22.000000
Mean = -2.454545
std = 8.010036
RMS = 8.290191
```

```
-----
***Row Num = 57
Min = -19.813000
Max = 12.813000
Mean = -0.643477
std = 7.082985
```



RMS = 7.031539

---

\*\*\*Row Num = 58  
Min = -19.813000  
Max = 12.813000  
Mean = -0.643477  
std = 7.082985  
RMS = 7.031539

---

\*\*\*Row Num = 59  
Min = -19.813000  
Max = 12.813000  
Mean = -0.643477  
std = 7.082985  
RMS = 7.031539

---

\*\*\*Row Num = 60  
Min = -68.188000  
Max = 75.438000  
Mean = 7.686125  
std = 28.976848  
RMS = 29.658913

---

\*\*\*Row Num = 61  
Min = -68.188000  
Max = 75.438000  
Mean = 7.686125  
std = 28.976848  
RMS = 29.658913

---

\*\*\*Row Num = 62  
Min = -68.188000  
Max = 75.438000  
Mean = 7.686125  
std = 28.976848  
RMS = 29.658913

---

\*\*\*Row Num = 63  
Min = 3.018700  
Max = 3.090200  
Mean = 3.058132  
std = 0.019837  
RMS = 3.058195

---

\*\*\*Row Num = 64  
Min = 3.158700  
Max = 3.208600  
Mean = 3.185593  
std = 0.018293  
RMS = 3.185645

---

\*\*\*Row Num = 65  
Min = 7.066100  
Max = 7.146000  
Mean = 7.093511  
std = 0.020602  
RMS = 7.093541

---

\*\*\*Row Num = 66  
Min = 6.511000  
Max = 7.933900  
Mean = 7.074436  
std = 0.473596  
RMS = 7.089912

---

\*\*\*Row Num = 67  
Min = 3.152400  
Max = 6.926300  
Mean = 5.071525  
std = 1.639582  
RMS = 5.324237

---

\*\*\*Row Num = 68  
Min = 7.743800  
Max = 9.500000  
Mean = 8.431268  
std = 0.623683  
RMS = 8.453782

---

\*\*\*Row Num = 69  
Min = 0.892090  
Max = 0.927250  
Mean = 0.909058  
std = 0.007461  
RMS = 0.909088

---

\*\*\*Row Num = 70  
Min = -0.404300  
Max = -0.357420  
Mean = -0.386497  
std = 0.009827  
RMS = 0.386619

---

\*\*\*Row Num = 71  
Min = 0.104490  
Max = 0.166990  
Mean = 0.144365  
std = 0.012203  
RMS = 0.144869

---

```
***Row Num = 72
Min = -1.023900
Max = 1.313000
Mean = -0.010221
std = 0.837218
RMS = 0.827713
```

---

```
***Row Num = 73
Min = 0.217770
Max = 0.935060
Mean = 0.436501
std = 0.201360
RMS = 0.479748
```

---

```
***Row Num = 74
Min = -0.358890
Max = 0.650880
Mean = 0.136897
std = 0.260407
RMS = 0.291567
```

---

```
***Row Num = 75
Min = -5.000000
Max = 3.000000
Mean = -0.750000
std = 1.259845
RMS = 1.453835
```

---

```
***Row Num = 76
Min = -3.000000
Max = 1.000000
Mean = -0.909091
std = 1.074399
RMS = 1.398051
```

---

```
***Row Num = 77
Min = -4.000000
Max = 1.000000
Mean = -1.272727
std = 0.996824
RMS = 1.609630
```

---

```
***Row Num = 78
Min = -4.000000
Max = 1.000000
Mean = -0.977273
std = 1.088815
RMS = 1.453835
```

---

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

```
Min = -3.000000
Max = 1.000000
Mean = -1.022727
std = 0.927328
RMS = 1.373450
```

---

```
***Row Num = 80
Min = -2.000000
Max = 1.000000
Mean = -0.840909
std = 0.861129
RMS = 1.196586
```

---

```
***Row Num = 81
Min = -4.000000
Max = 1.000000
Mean = -1.113636
std = 1.104239
RMS = 1.559429
```

---

```
***Row Num = 82
Min = -5.000000
Max = 2.000000
Mean = -0.750000
std = 1.331637
RMS = 1.515076
```

---

```
***Row Num = 83
Min = -78.000000
Max = 93.000000
Mean = -0.477273
std = 26.231960
RMS = 25.936548
```

---

```
***Row Num = 84
Min = -20.000000
Max = 13.000000
Mean = -1.318182
std = 6.238562
RMS = 6.306562
```

---

```
***Row Num = 85
Min = -10.000000
Max = 26.000000
Mean = -1.000000
std = 4.969675
RMS = 5.013618
```

---

```
***Row Num = 86
Min = -4.000000
```

```
Max = 8.000000  
Mean = -0.477273  
std = 1.970582  
RMS = 2.005674
```

---

```
***Row Num = 87  
Min = -4.000000  
Max = 11.000000  
Mean = -0.409091  
std = 2.404629  
RMS = 2.412091
```

---

```
***Row Num = 88  
Min = -8.000000  
Max = 28.000000  
Mean = -0.340909  
std = 5.321930  
RMS = 5.272139
```

---

```
***Row Num = 89  
Min = -10.000000  
Max = 6.000000  
Mean = -0.431818  
std = 3.273557  
RMS = 3.264826
```

---

```
***Row Num = 90  
Min = -25.000000  
Max = 22.000000  
Mean = 0.636364  
std = 8.789769  
RMS = 8.712582
```

---

```
***Row Num = 91  
Min = -10.250000  
Max = 13.313000  
Mean = 0.333818  
std = 5.778849  
RMS = 5.722548
```

---

```
***Row Num = 92  
Min = -10.250000  
Max = 13.313000  
Mean = 0.333818  
std = 5.778849  
RMS = 5.722548
```

---

```
***Row Num = 93  
Min = -10.250000  
Max = 13.313000
```

```
Mean = 0.333818
std = 5.778849
RMS = 5.722548
```

```
-----
***Row Num = 94
Min = -87.188000
Max = 56.063000
Mean = 0.028432
std = 30.066345
RMS = 29.722732
```

```
-----
***Row Num = 95
Min = -87.188000
Max = 56.063000
Mean = 0.028432
std = 30.066345
RMS = 29.722732
```

```
-----
***Row Num = 96
Min = -87.188000
Max = 56.063000
Mean = 0.028432
std = 30.066345
RMS = 29.722732
```

```
-----
***Row Num = 97
Min = 3.045800
Max = 3.113200
Mean = 3.080125
std = 0.016506
RMS = 3.080168
```

```
-----
***Row Num = 98
Min = 3.153700
Max = 3.192400
Mean = 3.175452
std = 0.012155
RMS = 3.175475
```

```
-----
***Row Num = 99
Min = 7.063100
Max = 7.170500
Mean = 7.103480
std = 0.029625
RMS = 7.103540
```

```
-----
***Row Num = 100
Min = 6.579600
Max = 8.460000
Mean = 7.293789
```

```
std = 0.664373  
RMS = 7.323299
```

```
-----  
***Row Num = 101  
Min = 3.046600  
Max = 6.965700  
Mean = 5.145859  
std = 1.708467  
RMS = 5.415938
```

```
-----  
***Row Num = 102  
Min = 7.502100  
Max = 9.991500  
Mean = 8.491877  
std = 0.921148  
RMS = 8.540563
```

```
-----  
***Row Num = 103  
Min = 0.890140  
Max = 0.942380  
Mean = 0.910001  
std = 0.009850  
RMS = 0.910053
```

```
-----  
***Row Num = 104  
Min = -0.416990  
Max = -0.352050  
Mean = -0.387385  
std = 0.012805  
RMS = 0.387592
```

```
-----  
***Row Num = 105  
Min = 0.119140  
Max = 0.171880  
Mean = 0.139427  
std = 0.010063  
RMS = 0.139781
```

```
-----  
***Row Num = 106  
Min = -1.119600  
Max = 1.156300  
Mean = 0.119109  
std = 0.806412  
RMS = 0.806045
```

```
-----  
***Row Num = 107  
Min = 0.228520  
Max = 1.003400  
Mean = 0.497003  
std = 0.222231
```

RMS = 0.543394

---

\*\*\*Row Num = 108

Min = -0.237300

Max = 0.698240

Mean = 0.187578

std = 0.262426

RMS = 0.320137

---

\*\*\*Row Num = 109

Min = -3.000000

Max = 5.000000

Mean = -0.545455

std = 1.784358

RMS = 1.846372

---

\*\*\*Row Num = 110

Min = -6.000000

Max = 9.000000

Mean = -0.681818

std = 2.437810

RMS = 2.504541

---

\*\*\*Row Num = 111

Min = -4.000000

Max = 5.000000

Mean = -0.590909

std = 1.884060

RMS = 1.954017

---

\*\*\*Row Num = 112

Min = -3.000000

Max = 1.000000

Mean = -0.909091

std = 0.960092

RMS = 1.314257

---

\*\*\*Row Num = 113

Min = -3.000000

Max = 2.000000

Mean = -0.840909

std = 1.010254

RMS = 1.305582

---

\*\*\*Row Num = 114

Min = -4.000000

Max = 6.000000

Mean = -0.409091

std = 1.795578

RMS = 1.821588



---

\*\*\*Row Num = 115  
Min = -18.000000  
Max = 28.000000  
Mean = 0.704545  
std = 6.568351  
RMS = 6.531393

---

\*\*\*Row Num = 116  
Min = -4.000000  
Max = 2.000000  
Mean = -0.909091  
std = 1.235487  
RMS = 1.522558

---

\*\*\*Row Num = 117  
Min = -58.000000  
Max = 69.000000  
Mean = 4.840909  
std = 30.416445  
RMS = 30.456004

---

\*\*\*Row Num = 118  
Min = -20.000000  
Max = 24.000000  
Mean = 0.613636  
std = 9.053371  
RMS = 8.970913

---

\*\*\*Row Num = 119  
Min = -15.000000  
Max = 22.000000  
Mean = -1.250000  
std = 6.495526  
RMS = 6.541823

---

\*\*\*Row Num = 120  
Min = -10.000000  
Max = 3.000000  
Mean = -1.454545  
std = 2.463261  
RMS = 2.836451

---

\*\*\*Row Num = 121  
Min = -26.000000  
Max = 8.000000  
Mean = -1.840909  
std = 5.071320  
RMS = 5.340667

---

```
***Row Num = 122  
Min = -9.000000  
Max = 12.000000  
Mean = 0.204545  
std = 3.985903  
RMS = 3.945654
```

---

```
***Row Num = 123  
Min = -23.000000  
Max = 41.000000  
Mean = -1.295455  
std = 9.254991  
RMS = 9.240474
```

---

```
***Row Num = 124  
Min = -28.000000  
Max = 60.000000  
Mean = 0.295455  
std = 14.848975  
RMS = 14.682240
```

---

```
***Row Num = 125  
Min = -28.563000  
Max = 23.688000  
Mean = -0.603693  
std = 8.252744  
RMS = 8.180729
```

---

```
***Row Num = 126  
Min = -28.563000  
Max = 23.688000  
Mean = -0.603693  
std = 8.252744  
RMS = 8.180729
```

---

```
***Row Num = 127  
Min = -28.563000  
Max = 23.688000  
Mean = -0.603693  
std = 8.252744  
RMS = 8.180729
```

---

```
***Row Num = 128  
Min = -52.688000  
Max = 87.188000  
Mean = 8.744364  
std = 32.153543  
RMS = 32.966917
```

---

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

```
Min = -52.688000
Max = 87.188000
Mean = 8.744364
std = 32.153543
RMS = 32.966917
```

---

```
***Row Num = 130
Min = -52.688000
Max = 87.188000
Mean = 8.744364
std = 32.153543
RMS = 32.966917
```

---

```
***Row Num = 131
Min = 2.992000
Max = 3.091100
Mean = 3.059502
std = 0.022018
RMS = 3.059580
```

---

```
***Row Num = 132
Min = 3.133800
Max = 3.198200
Mean = 3.172807
std = 0.017207
RMS = 3.172852
```

---

```
***Row Num = 133
Min = 7.056900
Max = 7.225400
Mean = 7.156402
std = 0.040709
RMS = 7.156515
```

---

```
***Row Num = 134
Min = 6.554600
Max = 8.343900
Mean = 7.181677
std = 0.612838
RMS = 7.207186
```

---

```
***Row Num = 135
Min = 3.056000
Max = 6.906700
Mean = 4.916516
std = 1.656604
RMS = 5.182094
```

---

```
***Row Num = 136
Min = 7.574100
```

```
Max = 9.935800
Mean = 8.419048
std = 0.839529
RMS = 8.459855
```

---

```
***Row Num = 137
Min = 0.896000
Max = 0.929690
Mean = 0.918935
std = 0.008217
RMS = 0.918970
```

---

```
***Row Num = 138
Min = -0.407710
Max = -0.351560
Mean = -0.375233
std = 0.014356
RMS = 0.375501
```

---

```
***Row Num = 139
Min = 0.078125
Max = 0.155270
Mean = 0.110784
std = 0.014404
RMS = 0.111695
```

---

```
***Row Num = 140
Min = -0.955570
Max = 1.549300
Mean = 0.212126
std = 0.824895
RMS = 0.842606
```

---

```
***Row Num = 141
Min = 0.250980
Max = 0.962890
Mean = 0.449940
std = 0.196281
RMS = 0.489997
```

---

```
***Row Num = 142
Min = -0.447750
Max = 0.676270
Mean = 0.118642
std = 0.284408
RMS = 0.305165
```

---

```
***Row Num = 143
Min = -11.000000
Max = 11.000000
```

```
Mean = -0.363636  
std = 4.570334  
RMS = 4.532709
```

---

```
***Row Num = 144  
Min = -7.000000  
Max = 5.000000  
Mean = -1.568182  
std = 2.214096  
RMS = 2.692582
```

---

```
***Row Num = 145  
Min = -8.000000  
Max = 2.000000  
Mean = -1.704545  
std = 1.862476  
RMS = 2.509074
```

---

```
***Row Num = 146  
Min = -4.000000  
Max = 1.000000  
Mean = -1.181818  
std = 1.206045  
RMS = 1.678744
```

---

```
***Row Num = 147  
Min = -5.000000  
Max = 2.000000  
Mean = -0.977273  
std = 1.438485  
RMS = 1.725478
```

---

```
***Row Num = 148  
Min = -7.000000  
Max = 5.000000  
Mean = -0.886364  
std = 2.014089  
RMS = 2.179449
```

---

```
***Row Num = 149  
Min = -24.000000  
Max = 15.000000  
Mean = -0.318182  
std = 5.909286  
RMS = 5.850408
```

---

```
***Row Num = 150  
Min = -4.000000  
Max = 2.000000  
Mean = -0.909091
```

```
std = 1.343688  
RMS = 1.609630
```

```
-----  
***Row Num = 151  
Min = -79.000000  
Max = 36.000000  
Mean = -1.159091  
std = 24.221788  
RMS = 23.972996
```

```
-----  
***Row Num = 152  
Min = -39.000000  
Max = 22.000000  
Mean = -0.750000  
std = 11.375463  
RMS = 11.270436
```

```
-----  
***Row Num = 153  
Min = -20.000000  
Max = 11.000000  
Mean = -1.795455  
std = 6.866093  
RMS = 7.021072
```

```
-----  
***Row Num = 154  
Min = -15.000000  
Max = 8.000000  
Mean = -1.863636  
std = 4.480401  
RMS = 4.805300
```

```
-----  
***Row Num = 155  
Min = -25.000000  
Max = 69.000000  
Mean = -0.886364  
std = 12.091157  
RMS = 11.985787
```

```
-----  
***Row Num = 156  
Min = -19.000000  
Max = 22.000000  
Mean = -0.363636  
std = 6.258356  
RMS = 6.197507
```

```
-----  
***Row Num = 157  
Min = -19.000000  
Max = 13.000000  
Mean = -0.545455  
std = 5.970682
```

RMS = 5.927593

---

\*\*\*Row Num = 158  
Min = -39.000000  
Max = 63.000000  
Mean = 1.590909  
std = 15.100159  
RMS = 15.012116

---

\*\*\*Row Num = 159  
Min = -19.375000  
Max = 20.375000  
Mean = 0.322455  
std = 8.973827  
RMS = 8.877124

---

\*\*\*Row Num = 160  
Min = -19.375000  
Max = 20.375000  
Mean = 0.322455  
std = 8.973827  
RMS = 8.877124

---

\*\*\*Row Num = 161  
Min = -19.375000  
Max = 20.375000  
Mean = 0.322455  
std = 8.973827  
RMS = 8.877124

---

\*\*\*Row Num = 162  
Min = -45.938000  
Max = 68.375000  
Mean = 5.835205  
std = 26.735836  
RMS = 27.066750

---

\*\*\*Row Num = 163  
Min = -45.938000  
Max = 68.375000  
Mean = 5.835205  
std = 26.735836  
RMS = 27.066750

---

\*\*\*Row Num = 164  
Min = -45.938000  
Max = 68.375000  
Mean = 5.835205  
std = 26.735836  
RMS = 27.066750

---

\*\*\*Row Num = 165

Min = 2.912600

Max = 3.026500

Mean = 2.968184

std = 0.034625

RMS = 2.968381

---

\*\*\*Row Num = 166

Min = 3.112400

Max = 3.169200

Mean = 3.136634

std = 0.017631

RMS = 3.136683

---

\*\*\*Row Num = 167

Min = 7.158900

Max = 7.232100

Mean = 7.202866

std = 0.023360

RMS = 7.202903

---

\*\*\*Row Num = 168

Min = 6.595500

Max = 8.251200

Mean = 7.201211

std = 0.463985

RMS = 7.215804

---

\*\*\*Row Num = 169

Min = 3.052100

Max = 6.898600

Mean = 4.730091

std = 1.687116

RMS = 5.015519

---

\*\*\*Row Num = 170

Min = 7.496700

Max = 9.894000

Mean = 8.337857

std = 0.775037

RMS = 8.372986

---

\*\*\*Row Num = 171

Min = 0.898440

Max = 0.939940

Mean = 0.917903

std = 0.010465

RMS = 0.917961

---



```
***Row Num = 172
Min = -0.402830
Max = -0.334470
Mean = -0.376521
std = 0.014051
RMS = 0.376777
```

---

```
***Row Num = 173
Min = 0.088379
Max = 0.148930
Mean = 0.111161
std = 0.011985
RMS = 0.111791
```

---

```
***Row Num = 174
Min = -0.981930
Max = 1.692400
Mean = 0.262906
std = 0.841737
RMS = 0.872661
```

---

```
***Row Num = 175
Min = 0.208980
Max = 1.148400
Mean = 0.406527
std = 0.195940
RMS = 0.450316
```

---

```
***Row Num = 176
Min = -0.399410
Max = 1.441400
Mean = 0.177679
std = 0.287591
RMS = 0.335260
```

---

```
***Row Num = 177
Min = -4.000000
Max = 11.000000
Mean = -0.818182
std = 2.295321
RMS = 2.412091
```

---

```
***Row Num = 178
Min = -3.000000
Max = 4.000000
Mean = -1.000000
std = 1.397672
RMS = 1.705606
```

---

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

```
Min = -4.000000
Max = 2.000000
Mean = -1.227273
std = 1.344474
RMS = 1.809068
```

---

```
***Row Num = 180
Min = -3.000000
Max = 2.000000
Mean = -0.818182
std = 1.280856
RMS = 1.507557
```

---

```
***Row Num = 181
Min = -3.000000
Max = 2.000000
Mean = -0.772727
std = 1.031225
RMS = 1.279204
```

---

```
***Row Num = 182
Min = -4.000000
Max = 1.000000
Mean = -0.863636
std = 1.192826
RMS = 1.461630
```

---

```
***Row Num = 183
Min = -16.000000
Max = 10.000000
Mean = -1.022727
std = 3.553502
RMS = 3.658738
```

---

```
***Row Num = 184
Min = -4.000000
Max = 2.000000
Mean = -0.750000
std = 1.203193
RMS = 1.406155
```

---

```
***Row Num = 185
Min = -86.000000
Max = 61.000000
Mean = 1.795455
std = 27.735947
RMS = 27.477677
```

---

```
***Row Num = 186
Min = -42.000000
```

```
Max = 18.000000  
Mean = -1.113636  
std = 10.901709  
RMS = 10.834499
```

---

```
***Row Num = 187  
Min = -17.000000  
Max = 6.000000  
Mean = -1.272727  
std = 4.494770  
RMS = 4.622081
```

---

```
***Row Num = 188  
Min = -10.000000  
Max = 8.000000  
Mean = -1.363636  
std = 3.155585  
RMS = 3.404542
```

---

```
***Row Num = 189  
Min = -25.000000  
Max = 9.000000  
Mean = -1.386364  
std = 5.628895  
RMS = 5.734663
```

---

```
***Row Num = 190  
Min = -36.000000  
Max = 30.000000  
Mean = -0.477273  
std = 8.486620  
RMS = 8.403192
```

---

```
***Row Num = 191  
Min = -9.000000  
Max = 23.000000  
Mean = -0.045455  
std = 5.697631  
RMS = 5.632697
```

---

```
***Row Num = 192  
Min = -26.000000  
Max = 17.000000  
Mean = -1.636364  
std = 8.905423  
RMS = 8.954430
```

---

```
***Row Num = 193  
Min = -13.063000  
Max = 13.125000
```

```
Mean = 1.389227
std = 6.070344
RMS = 6.159671
```

```
-----
***Row Num = 194
Min = -13.063000
Max = 13.125000
Mean = 1.389227
std = 6.070344
RMS = 6.159671
```

```
-----
***Row Num = 195
Min = -13.063000
Max = 13.125000
Mean = 1.389227
std = 6.070344
RMS = 6.159671
```

```
-----
***Row Num = 196
Min = -98.375000
Max = 97.250000
Mean = 2.021307
std = 26.951127
RMS = 26.719668
```

```
-----
***Row Num = 197
Min = -98.375000
Max = 97.250000
Mean = 2.021307
std = 26.951127
RMS = 26.719668
```

```
-----
***Row Num = 198
Min = -98.375000
Max = 97.250000
Mean = 2.021307
std = 26.951127
RMS = 26.719668
```

```
-----
***Row Num = 199
Min = 2.912100
Max = 3.002900
Mean = 2.965375
std = 0.024291
RMS = 2.965472
```

```
-----
***Row Num = 200
Min = 3.115500
Max = 3.166600
Mean = 3.138382
```

```
std = 0.015448  
RMS = 3.138419
```

```
-----  
***Row Num = 201  
Min = 7.195700  
Max = 7.268900  
Mean = 7.239075  
std = 0.022723  
RMS = 7.239110
```

```
-----  
***Row Num = 202  
Min = 6.564600  
Max = 8.170500  
Mean = 7.070070  
std = 0.465660  
RMS = 7.085041
```

```
-----  
***Row Num = 203  
Min = 3.027000  
Max = 6.887000  
Mean = 4.534630  
std = 1.720559  
RMS = 4.843130
```

```
-----  
***Row Num = 204  
Min = 7.718600  
Max = 9.751100  
Mean = 8.318107  
std = 0.694135  
RMS = 8.346363
```

```
-----  
***Row Num = 205  
Min = 0.892580  
Max = 0.937990  
Mean = 0.918568  
std = 0.009195  
RMS = 0.918613
```

```
-----  
***Row Num = 206  
Min = -0.400390  
Max = -0.347170  
Mean = -0.376787  
std = 0.012749  
RMS = 0.376998
```

```
-----  
***Row Num = 207  
Min = 0.082031  
Max = 0.139160  
Mean = 0.103971  
std = 0.011849
```

RMS = 0.104629

---

\*\*\*Row Num = 208

Min = -1.073200

Max = 1.427200

Mean = 0.188319

std = 0.819882

RMS = 0.832101

---

\*\*\*Row Num = 209

Min = 0.178710

Max = 0.945310

Mean = 0.464732

std = 0.222907

RMS = 0.514329

---

\*\*\*Row Num = 210

Min = -0.490230

Max = 0.962400

Mean = 0.145951

std = 0.347309

RMS = 0.373073

---

\*\*\*Row Num = 211

Min = -9.000000

Max = 9.000000

Mean = -1.545455

std = 2.976298

RMS = 3.323470

---

\*\*\*Row Num = 212

Min = -5.000000

Max = 6.000000

Mean = -1.068182

std = 1.860204

RMS = 2.126670

---

\*\*\*Row Num = 213

Min = -5.000000

Max = 2.000000

Mean = -1.363636

std = 1.511059

RMS = 2.022600

---

\*\*\*Row Num = 214

Min = -3.000000

Max = 1.000000

Mean = -1.181818

std = 0.896316

RMS = 1.477098

---

```
***Row Num = 215
Min = -4.000000
Max = 1.000000
Mean = -1.386364
std = 1.061283
RMS = 1.738599
```

---

```
***Row Num = 216
Min = -6.000000
Max = 2.000000
Mean = -0.977273
std = 1.438485
RMS = 1.725478
```

---

```
***Row Num = 217
Min = -7.000000
Max = 4.000000
Mean = -0.931818
std = 2.453263
RMS = 2.598076
```

---

```
***Row Num = 218
Min = -5.000000
Max = 2.000000
Mean = -1.022727
std = 1.649364
RMS = 1.924720
```

---

```
***Row Num = 219
Min = -89.000000
Max = 65.000000
Mean = 2.409091
std = 31.996597
RMS = 31.722519
```

---

```
***Row Num = 220
Min = -38.000000
Max = 28.000000
Mean = -0.659091
std = 11.553602
RMS = 11.440558
```

---

```
***Row Num = 221
Min = -21.000000
Max = 34.000000
Mean = -0.500000
std = 7.515875
RMS = 7.446781
```

---

```
***Row Num = 222
Min = -7.000000
Max = 15.000000
Mean = 0.250000
std = 4.621109
RMS = 4.575130
```

---

```
***Row Num = 223
Min = -12.000000
Max = 33.000000
Mean = 0.159091
std = 7.915082
RMS = 7.826238
```

---

```
***Row Num = 224
Min = -31.000000
Max = 39.000000
Mean = -1.340909
std = 9.797824
RMS = 9.778223
```

---

```
***Row Num = 225
Min = -21.000000
Max = 32.000000
Mean = 0.568182
std = 7.692938
RMS = 7.626211
```

---

```
***Row Num = 226
Min = -57.000000
Max = 70.000000
Mean = 0.613636
std = 17.489154
RMS = 17.300158
```

---

```
***Row Num = 227
Min = -15.813000
Max = 17.813000
Mean = -0.426125
std = 7.367502
RMS = 7.295754
```

---

```
***Row Num = 228
Min = -15.813000
Max = 17.813000
Mean = -0.426125
std = 7.367502
RMS = 7.295754
```

---

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



```
Min = -15.813000
Max = 17.813000
Mean = -0.426125
std = 7.367502
RMS = 7.295754
```

---

```
***Row Num = 230
Min = -43.875000
Max = 84.063000
Mean = 5.573886
std = 25.455755
RMS = 25.774726
```

---

```
***Row Num = 231
Min = -43.875000
Max = 84.063000
Mean = 5.573886
std = 25.455755
RMS = 25.774726
```

---

```
***Row Num = 232
Min = -43.875000
Max = 84.063000
Mean = 5.573886
std = 25.455755
RMS = 25.774726
```

---

```
***Row Num = 233
Min = 2.900900
Max = 3.001900
Mean = 2.943145
std = 0.027167
RMS = 2.943268
```

---

```
***Row Num = 234
Min = 3.113000
Max = 3.167600
Mean = 3.140384
std = 0.016555
RMS = 3.140427
```

---

```
***Row Num = 235
Min = 7.219700
Max = 7.311200
Mean = 7.278543
std = 0.021398
RMS = 7.278574
```

---

```
***Row Num = 236
Min = 6.590300
```

```
Max = 8.585900
Mean = 7.234843
std = 0.569274
RMS = 7.256698
```

---

```
***Row Num = 237
Min = 3.027500
Max = 6.929700
Mean = 4.802082
std = 1.661885
RMS = 5.075341
```

---

```
***Row Num = 238
Min = 0.056630
Max = 9.863300
Mean = 7.707374
std = 2.200819
RMS = 8.008566
```

---

```
***Row Num = 239
Min = 0.884770
Max = 0.959470
Mean = 0.917858
std = 0.013228
RMS = 0.917952
```

---

```
***Row Num = 240
Min = -0.420900
Max = -0.338380
Mean = -0.375255
std = 0.016680
RMS = 0.375618
```

---

```
***Row Num = 241
Min = 0.074219
Max = 0.143550
Mean = 0.104925
std = 0.013634
RMS = 0.105787
```

---

```
***Row Num = 242
Min = -1.077100
Max = 1.228500
Mean = 0.277132
std = 0.785637
RMS = 0.824621
```

---

```
***Row Num = 243
Min = 0.246090
Max = 0.973140
```

```
Mean = 0.480113
std = 0.215645
RMS = 0.525314
```

```
-----
***Row Num = 244
Min = -0.452150
Max = 0.666500
Mean = 0.181607
std = 0.238936
RMS = 0.297950
```

```
-----
***Row Num = 245
Min = -9.000000
Max = 11.000000
Mean = -1.227273
std = 3.863145
RMS = 4.011348
```

```
-----
***Row Num = 246
Min = -6.000000
Max = 7.000000
Mean = -0.795455
std = 2.338550
RMS = 2.444846
```

```
-----
***Row Num = 247
Min = -4.000000
Max = 4.000000
Mean = -0.818182
std = 1.968032
RMS = 2.110579
```

```
-----
***Row Num = 248
Min = -4.000000
Max = 1.000000
Mean = -1.000000
std = 1.099683
RMS = 1.477098
```

```
-----
***Row Num = 249
Min = -3.000000
Max = 1.000000
Mean = -1.045455
std = 0.805636
RMS = 1.314257
```

```
-----
***Row Num = 250
Min = -4.000000
Max = 1.000000
Mean = -1.136364
```

```
std = 1.192826  
RMS = 1.637626
```

```
-----  
***Row Num = 251  
Min = -7.000000  
Max = 10.000000  
Mean = -0.863636  
std = 2.938050  
RMS = 3.030152
```

```
-----  
***Row Num = 252  
Min = -4.000000  
Max = 1.000000  
Mean = -0.840909  
std = 1.345849  
RMS = 1.573935
```

```
-----  
***Row Num = 253  
Min = -125.000000  
Max = 66.000000  
Mean = -1.159091  
std = 36.086423  
RMS = 35.692818
```

```
-----  
***Row Num = 254  
Min = -36.000000  
Max = 19.000000  
Mean = -0.431818  
std = 11.899575  
RMS = 11.771499
```

```
-----  
***Row Num = 255  
Min = -14.000000  
Max = 30.000000  
Mean = -0.159091  
std = 7.859058  
RMS = 7.770866
```

```
-----  
***Row Num = 256  
Min = -13.000000  
Max = 9.000000  
Mean = -1.590909  
std = 4.368589  
RMS = 4.602371
```

```
-----  
***Row Num = 257  
Min = -61.000000  
Max = 15.000000  
Mean = -0.977273  
std = 11.244613
```

RMS = 11.158975

-----  
\*\*\*Row Num = 258

Min = -26.000000

Max = 20.000000

Mean = -2.159091

std = 8.217800

RMS = 8.405896

-----  
\*\*\*Row Num = 259

Min = -17.000000

Max = 13.000000

Mean = -0.068182

std = 6.714780

RMS = 6.638387

-----  
\*\*\*Row Num = 260

Min = -24.000000

Max = 46.000000

Mean = 0.090909

std = 11.476605

RMS = 11.345804

-----  
\*\*\*Row Num = 261

Min = -24.063000

Max = 25.750000

Mean = -0.524148

std = 8.991610

RMS = 8.904285

-----  
\*\*\*Row Num = 262

Min = -24.063000

Max = 25.750000

Mean = -0.524148

std = 8.991610

RMS = 8.904285

-----  
\*\*\*Row Num = 263

Min = -24.063000

Max = 25.750000

Mean = -0.524148

std = 8.991610

RMS = 8.904285

-----  
\*\*\*Row Num = 264

Min = -39.500000

Max = 65.188000

Mean = 4.646318

std = 23.392142

RMS = 23.586954

---

\*\*\*Row Num = 265  
Min = -39.500000  
Max = 65.188000  
Mean = 4.646318  
std = 23.392142  
RMS = 23.586954

---

\*\*\*Row Num = 266  
Min = -39.500000  
Max = 65.188000  
Mean = 4.646318  
std = 23.392142  
RMS = 23.586954

---

\*\*\*Row Num = 267  
Min = 2.893900  
Max = 3.001200  
Mean = 2.947161  
std = 0.026441  
RMS = 2.947277

---

\*\*\*Row Num = 268  
Min = 3.104400  
Max = 3.174200  
Mean = 3.134995  
std = 0.022980  
RMS = 3.135078

---

\*\*\*Row Num = 269  
Min = 7.243800  
Max = 7.361700  
Mean = 7.281159  
std = 0.025121  
RMS = 7.281201

---

\*\*\*Row Num = 270  
Min = 6.594000  
Max = 8.287000  
Mean = 7.133245  
std = 0.469466  
RMS = 7.148327

---

\*\*\*Row Num = 271  
Min = 3.045500  
Max = 6.940800  
Mean = 4.630877  
std = 1.642822  
RMS = 4.907398

---

```
***Row Num = 272
Min = 7.505900
Max = 9.955500
Mean = 8.310368
std = 0.755323
RMS = 8.343846
-----
```

```
***Row Num = 273
Min = 0.896970
Max = 0.941410
Mean = 0.919457
std = 0.008968
RMS = 0.919499
-----
```

```
***Row Num = 274
Min = -0.402340
Max = -0.335940
Mean = -0.376587
std = 0.013618
RMS = 0.376827
-----
```

```
***Row Num = 275
Min = 0.082520
Max = 0.120610
Mean = 0.100875
std = 0.010448
RMS = 0.101402
-----
```

```
***Row Num = 276
Min = -1.230000
Max = 1.138200
Mean = 0.212912
std = 0.798982
RMS = 0.818044
-----
```

```
***Row Num = 277
Min = 0.222170
Max = 0.998050
Mean = 0.496937
std = 0.226558
RMS = 0.545077
-----
```

```
***Row Num = 278
Min = -0.361330
Max = 0.653320
Mean = 0.188188
std = 0.228298
RMS = 0.293854
-----
```

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

```
Min = -6.000000
Max = 10.000000
Mean = -0.863636
std = 3.317262
RMS = 3.391165
```

---

```
***Row Num = 280
Min = -7.000000
Max = 5.000000
Mean = -1.045455
std = 2.281926
RMS = 2.486326
```

---

```
***Row Num = 281
Min = -3.000000
Max = 4.000000
Mean = -0.727273
std = 1.921284
RMS = 2.033805
```

---

```
***Row Num = 282
Min = -3.000000
Max = 1.000000
Mean = -0.909091
std = 0.960092
RMS = 1.314257
```

---

```
***Row Num = 283
Min = -3.000000
Max = 1.000000
Mean = -0.886364
std = 0.945391
RMS = 1.288057
```

---

```
***Row Num = 284
Min = -3.000000
Max = 2.000000
Mean = -0.931818
std = 1.108062
RMS = 1.438117
```

---

```
***Row Num = 285
Min = -4.000000
Max = 2.000000
Mean = -1.000000
std = 1.509659
RMS = 1.796461
```

---

```
***Row Num = 286
Min = -3.000000
```



```
Max = 2.000000  
Mean = -0.772727  
std = 1.236342  
RMS = 1.445998
```

---

```
***Row Num = 287  
Min = -72.000000  
Max = 52.000000  
Mean = -4.727273  
std = 33.585963  
RMS = 33.536954
```

---

```
***Row Num = 288  
Min = -22.000000  
Max = 34.000000  
Mean = -1.159091  
std = 10.351819  
RMS = 10.298941
```

---

```
***Row Num = 289  
Min = -20.000000  
Max = 26.000000  
Mean = -0.931818  
std = 6.311296  
RMS = 6.308364
```

---

```
***Row Num = 290  
Min = -15.000000  
Max = 13.000000  
Mean = -1.886364  
std = 5.863628  
RMS = 6.095826
```

---

```
***Row Num = 291  
Min = -47.000000  
Max = 77.000000  
Mean = -4.204545  
std = 16.713147  
RMS = 17.048727
```

---

```
***Row Num = 292  
Min = -46.000000  
Max = 15.000000  
Mean = -3.454545  
std = 9.648363  
RMS = 10.144412
```

---

```
***Row Num = 293  
Min = -15.000000  
Max = 13.000000
```

```
Mean = -0.431818  
std = 6.270632  
RMS = 6.213987
```

```
-----  
***Row Num = 294  
Min = -54.000000  
Max = 22.000000  
Mean = -3.909091  
std = 16.197643  
RMS = 16.482773
```

```
-----  
***Row Num = 295  
Min = -16.438000  
Max = 12.500000  
Mean = 0.211682  
std = 6.608172  
RMS = 6.536076
```

```
-----  
***Row Num = 296  
Min = -16.438000  
Max = 12.500000  
Mean = 0.211682  
std = 6.608172  
RMS = 6.536076
```

```
-----  
***Row Num = 297  
Min = -16.438000  
Max = 12.500000  
Mean = 0.211682  
std = 6.608172  
RMS = 6.536076
```

```
-----  
***Row Num = 298  
Min = -91.250000  
Max = 100.130000  
Mean = 1.122216  
std = 30.447358  
RMS = 30.120290
```

```
-----  
***Row Num = 299  
Min = -91.250000  
Max = 100.130000  
Mean = 1.122216  
std = 30.447358  
RMS = 30.120290
```

```
-----  
***Row Num = 300  
Min = -91.250000  
Max = 100.130000  
Mean = 1.122216
```

```
std = 30.447358
RMS = 30.120290
```

```
-----
***Row Num = 301
Min = 2.883800
Max = 2.968600
Mean = 2.929827
std = 0.025747
RMS = 2.929938
```

```
-----
***Row Num = 302
Min = 3.109800
Max = 3.157000
Mean = 3.135182
std = 0.017037
RMS = 3.135227
```

```
-----
***Row Num = 303
Min = 7.277000
Max = 7.352800
Mean = 7.317566
std = 0.015675
RMS = 7.317582
```

```
-----
***Row Num = 304
Min = 6.572700
Max = 8.379700
Mean = 7.149945
std = 0.550317
RMS = 7.170613
```

```
-----
***Row Num = 305
Min = 3.087100
Max = 6.957000
Mean = 4.751761
std = 1.643673
RMS = 5.021902
```

```
-----
***Row Num = 306
Min = 7.837700
Max = 9.969400
Mean = 8.436934
std = 0.728018
RMS = 8.467575
```

```
-----
***Row Num = 307
Min = 0.898930
Max = 0.937990
Mean = 0.919656
std = 0.009058
```

RMS = 0.919700

---

\*\*\*Row Num = 308

Min = -0.418460

Max = -0.334470

Mean = -0.375788

std = 0.015949

RMS = 0.376119

---

\*\*\*Row Num = 309

Min = 0.072754

Max = 0.137700

Mean = 0.097401

std = 0.013581

RMS = 0.098322

---

\*\*\*Row Num = 310

Min = -0.909670

Max = 1.210000

Mean = 0.378607

std = 0.739277

RMS = 0.823075

---

\*\*\*Row Num = 311

Min = 0.099609

Max = 0.958500

Mean = 0.490047

std = 0.221418

RMS = 0.536710

---

\*\*\*Row Num = 312

Min = -0.418950

Max = 0.627930

Mean = 0.206999

std = 0.219909

RMS = 0.300182

---

\*\*\*Row Num = 313

Min = -12.000000

Max = 10.000000

Mean = -0.931818

std = 3.591966

RMS = 3.671141

---

\*\*\*Row Num = 314

Min = -8.000000

Max = 2.000000

Mean = -0.977273

std = 2.107447

RMS = 2.301185

---

\*\*\*Row Num = 315  
Min = -8.000000  
Max = 5.000000  
Mean = -1.409091  
std = 2.536416  
RMS = 2.876235

---

\*\*\*Row Num = 316  
Min = -4.000000  
Max = 2.000000  
Mean = -1.340909  
std = 1.218905  
RMS = 1.802776

---

\*\*\*Row Num = 317  
Min = -3.000000  
Max = 1.000000  
Mean = -1.113636  
std = 0.993371  
RMS = 1.484771

---

\*\*\*Row Num = 318  
Min = -3.000000  
Max = 2.000000  
Mean = -0.863636  
std = 1.047498  
RMS = 1.348400

---

\*\*\*Row Num = 319  
Min = -7.000000  
Max = 2.000000  
Mean = -1.045455  
std = 1.829405  
RMS = 2.088932

---

\*\*\*Row Num = 320  
Min = -4.000000  
Max = 2.000000  
Mean = -0.931818  
std = 1.227547  
RMS = 1.530003

---

\*\*\*Row Num = 321  
Min = -53.000000  
Max = 91.000000  
Mean = 6.886364  
std = 25.610877  
RMS = 26.237984

---

```
***Row Num = 322
Min = -17.000000
Max = 17.000000
Mean = 0.886364
std = 6.772777
RMS = 6.753787
-----
```

```
***Row Num = 323
Min = -48.000000
Max = 19.000000
Mean = -2.454545
std = 10.105155
RMS = 10.286796
-----
```

```
***Row Num = 324
Min = -11.000000
Max = 11.000000
Mean = 0.409091
std = 4.282567
RMS = 4.253341
-----
```

```
***Row Num = 325
Min = -81.000000
Max = 54.000000
Mean = -1.090909
std = 17.212513
RMS = 17.050726
-----
```

```
***Row Num = 326
Min = -11.000000
Max = 13.000000
Mean = -0.704545
std = 5.133472
RMS = 5.123475
-----
```

```
***Row Num = 327
Min = -13.000000
Max = 51.000000
Mean = 1.113636
std = 10.548263
RMS = 10.487005
-----
```

```
***Row Num = 328
Min = -33.000000
Max = 25.000000
Mean = -0.681818
std = 11.500804
RMS = 11.389788
-----
```

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

```
Min = -24.938000
Max = 16.938000
Mean = 0.017057
std = 8.765630
RMS = 8.665465
```

---

```
***Row Num = 330
Min = -24.938000
Max = 16.938000
Mean = 0.017057
std = 8.765630
RMS = 8.665465
```

---

```
***Row Num = 331
Min = -24.938000
Max = 16.938000
Mean = 0.017057
std = 8.765630
RMS = 8.665465
```

---

```
***Row Num = 332
Min = -82.250000
Max = 77.000000
Mean = 2.487284
std = 27.033779
RMS = 26.840308
```

---

```
***Row Num = 333
Min = -82.250000
Max = 77.000000
Mean = 2.487284
std = 27.033779
RMS = 26.840308
```

---

```
***Row Num = 334
Min = -82.250000
Max = 77.000000
Mean = 2.487284
std = 27.033779
RMS = 26.840308
```

---

```
***Row Num = 335
Min = 2.871600
Max = 2.948100
Mean = 2.917389
std = 0.016142
RMS = 2.917432
```

---

```
***Row Num = 336
Min = 3.113900
```

```
Max = 3.169400
Mean = 3.134330
std = 0.016367
RMS = 3.134371
```

---

```
***Row Num = 337
Min = 7.271300
Max = 7.401000
Mean = 7.347177
std = 0.030356
RMS = 7.347239
```

---

```
***Row Num = 338
Min = 6.643200
Max = 8.284300
Mean = 7.030723
std = 0.453800
RMS = 7.045021
```

---

```
***Row Num = 339
Min = 3.085200
Max = 6.877900
Mean = 4.431511
std = 1.563799
RMS = 4.693419
```

---

```
***Row Num = 340
Min = 7.762600
Max = 9.885400
Mean = 8.294386
std = 0.629544
RMS = 8.317702
```

---

```
***Row Num = 341
Min = 0.900390
Max = 0.942870
Mean = 0.922230
std = 0.009852
RMS = 0.922282
```

---

```
***Row Num = 342
Min = -0.402340
Max = -0.315920
Mean = -0.370106
std = 0.017352
RMS = 0.370503
```

---

```
***Row Num = 343
Min = 0.069824
Max = 0.119630
```



```
Mean = 0.095204
std = 0.011489
RMS = 0.095879
```

```
-----
***Row Num = 344
Min = -1.085900
Max = 1.161600
Mean = 0.267955
std = 0.786901
RMS = 0.822764
```

```
-----
***Row Num = 345
Min = 0.182130
Max = 0.905270
Mean = 0.499823
std = 0.213352
RMS = 0.542501
```

```
-----
***Row Num = 346
Min = -0.364750
Max = 0.670900
Mean = 0.185003
std = 0.216707
RMS = 0.283056
```

```
-----
***Row Num = 347
Min = -7.000000
Max = 12.000000
Mean = 0.272727
std = 4.442729
RMS = 4.400413
```

```
-----
***Row Num = 348
Min = -8.000000
Max = 7.000000
Mean = -1.818182
std = 2.911666
RMS = 3.404542
```

```
-----
***Row Num = 349
Min = -7.000000
Max = 13.000000
Mean = -0.909091
std = 3.367548
RMS = 3.450955
```

```
-----
***Row Num = 350
Min = -4.000000
Max = 2.000000
Mean = -0.795455
```

```
std = 1.268208  
RMS = 1.484771
```

```
-----  
***Row Num = 351  
Min = -3.000000  
Max = 2.000000  
Mean = -0.954545  
std = 1.010516  
RMS = 1.381699
```

```
-----  
***Row Num = 352  
Min = -3.000000  
Max = 1.000000  
Mean = -0.909091  
std = 1.052531  
RMS = 1.381699
```

```
-----  
***Row Num = 353  
Min = -4.000000  
Max = 1.000000  
Mean = -1.204545  
std = 1.268208  
RMS = 1.738599
```

```
-----  
***Row Num = 354  
Min = -4.000000  
Max = 1.000000  
Mean = -1.159091  
std = 1.292972  
RMS = 1.725478
```

```
-----  
***Row Num = 355  
Min = -41.000000  
Max = 66.000000  
Mean = 9.681818  
std = 27.590673  
RMS = 28.942733
```

```
-----  
***Row Num = 356  
Min = -15.000000  
Max = 27.000000  
Mean = 1.931818  
std = 9.299657  
RMS = 9.394147
```

```
-----  
***Row Num = 357  
Min = -48.000000  
Max = 18.000000  
Mean = -1.818182  
std = 9.580195
```

RMS = 9.643651

\*\*\*Row Num = 358

Min = -8.000000

Max = 12.000000

Mean = -0.409091

std = 4.150193

RMS = 4.123106

\*\*\*Row Num = 359

Min = -9.000000

Max = 47.000000

Mean = 2.340909

std = 10.864800

RMS = 10.992766

\*\*\*Row Num = 360

Min = -17.000000

Max = 12.000000

Mean = -0.750000

std = 5.751137

RMS = 5.734663

\*\*\*Row Num = 361

Min = -22.000000

Max = 23.000000

Mean = 1.090909

std = 8.786401

RMS = 8.754220

\*\*\*Row Num = 362

Min = -56.000000

Max = 27.000000

Mean = -1.090909

std = 10.739664

RMS = 10.672820

\*\*\*Row Num = 363

Min = -11.750000

Max = 12.313000

Mean = 0.484386

std = 6.855238

RMS = 6.794179

\*\*\*Row Num = 364

Min = -11.750000

Max = 12.313000

Mean = 0.484386

std = 6.855238

RMS = 6.794179

---

\*\*\*Row Num = 365  
Min = -11.750000  
Max = 12.313000  
Mean = 0.484386  
std = 6.855238  
RMS = 6.794179

---

\*\*\*Row Num = 366  
Min = -57.750000  
Max = 92.438000  
Mean = 5.674773  
std = 27.458527  
RMS = 27.731536

---

\*\*\*Row Num = 367  
Min = -57.750000  
Max = 92.438000  
Mean = 5.674773  
std = 27.458527  
RMS = 27.731536

---

\*\*\*Row Num = 368  
Min = -57.750000  
Max = 92.438000  
Mean = 5.674773  
std = 27.458527  
RMS = 27.731536

---

\*\*\*Row Num = 369  
Min = 2.846400  
Max = 2.956500  
Mean = 2.914930  
std = 0.026917  
RMS = 2.915051

---

\*\*\*Row Num = 370  
Min = 3.086800  
Max = 3.156600  
Mean = 3.122823  
std = 0.021832  
RMS = 3.122897

---

\*\*\*Row Num = 371  
Min = 7.331400  
Max = 7.392300  
Mean = 7.360839  
std = 0.017228  
RMS = 7.360858

---

```
***Row Num = 372  
Min = 6.628300  
Max = 8.282300  
Mean = 7.089380  
std = 0.506182  
RMS = 7.107018
```

---

```
***Row Num = 373  
Min = 3.095100  
Max = 6.886600  
Mean = 4.649714  
std = 1.607452  
RMS = 4.913758
```

---

```
***Row Num = 374  
Min = 7.695500  
Max = 9.934100  
Mean = 8.383627  
std = 0.702152  
RMS = 8.412314
```

---

```
***Row Num = 375  
Min = 0.896000  
Max = 0.942380  
Mean = 0.918434  
std = 0.010735  
RMS = 0.918496
```

---

```
***Row Num = 376  
Min = -0.419920  
Max = -0.323240  
Mean = -0.381060  
std = 0.017288  
RMS = 0.381443
```

---

```
***Row Num = 377  
Min = 0.069824  
Max = 0.126950  
Mean = 0.097745  
std = 0.014813  
RMS = 0.098836
```

---

```
***Row Num = 378  
Min = -0.959470  
Max = 1.272000  
Mean = 0.354783  
std = 0.755193  
RMS = 0.826574
```

---

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

```
Min = 0.218750
Max = 0.956050
Mean = 0.481789
std = 0.211274
RMS = 0.525112
```

---

```
***Row Num = 380
Min = -0.470700
Max = 0.693360
Mean = 0.200507
std = 0.249982
RMS = 0.318235
```

---

```
***Row Num = 381
Min = -9.000000
Max = 10.000000
Mean = -1.750000
std = 3.804068
RMS = 4.147836
```

---

```
***Row Num = 382
Min = -7.000000
Max = 3.000000
Mean = -1.477273
std = 2.129403
RMS = 2.571699
```

---

```
***Row Num = 383
Min = -7.000000
Max = 5.000000
Mean = -1.454545
std = 2.636546
RMS = 2.984810
```

---

```
***Row Num = 384
Min = -3.000000
Max = 2.000000
Mean = -0.977273
std = 1.130726
RMS = 1.484771
```

---

```
***Row Num = 385
Min = -3.000000
Max = 1.000000
Mean = -0.954545
std = 0.987234
RMS = 1.365151
```

---

```
***Row Num = 386
Min = -3.000000
```

```
Max = 1.000000  
Mean = -1.022727  
std = 0.952076  
RMS = 1.389899
```

---

```
***Row Num = 387  
Min = -5.000000  
Max = 3.000000  
Mean = -0.431818  
std = 1.662133  
RMS = 1.698930
```

---

```
***Row Num = 388  
Min = -4.000000  
Max = 2.000000  
Mean = -0.681818  
std = 1.443070  
RMS = 1.581139
```

---

```
***Row Num = 389  
Min = -75.000000  
Max = 60.000000  
Mean = -0.136364  
std = 29.998132  
RMS = 29.655599
```

---

```
***Row Num = 390  
Min = -27.000000  
Max = 17.000000  
Mean = -1.750000  
std = 9.452759  
RMS = 9.507174
```

---

```
***Row Num = 391  
Min = -18.000000  
Max = 9.000000  
Mean = -1.772727  
std = 5.590123  
RMS = 5.803604
```

---

```
***Row Num = 392  
Min = -16.000000  
Max = 12.000000  
Mean = -0.340909  
std = 4.615158  
RMS = 4.575130
```

---

```
***Row Num = 393  
Min = -45.000000  
Max = 20.000000
```

```
Mean = -1.545455  
std = 10.422370  
RMS = 10.418515
```

```
-----  
***Row Num = 394  
Min = -14.000000  
Max = 23.000000  
Mean = 0.977273  
std = 6.421217  
RMS = 6.422616
```

```
-----  
***Row Num = 395  
Min = -15.000000  
Max = 23.000000  
Mean = -0.500000  
std = 8.777614  
RMS = 8.691689
```

```
-----  
***Row Num = 396  
Min = -42.000000  
Max = 64.000000  
Mean = -2.022727  
std = 14.264101  
RMS = 14.245414
```

```
-----  
***Row Num = 397  
Min = -25.125000  
Max = 13.875000  
Mean = 0.231545  
std = 8.861227  
RMS = 8.763012
```

```
-----  
***Row Num = 398  
Min = -25.125000  
Max = 13.875000  
Mean = 0.231545  
std = 8.861227  
RMS = 8.763012
```

```
-----  
***Row Num = 399  
Min = -25.125000  
Max = 13.875000  
Mean = 0.231545  
std = 8.861227  
RMS = 8.763012
```

```
-----  
***Row Num = 400  
Min = -176.250000  
Max = 100.190000  
Mean = 4.957477
```



```
std = 41.298412
RMS = 41.126302
```

```
-----
***Row Num = 401
Min = -176.250000
Max = 100.190000
Mean = 4.957477
std = 41.298412
RMS = 41.126302
```

```
-----
***Row Num = 402
Min = -176.250000
Max = 100.190000
Mean = 4.957477
std = 41.298412
RMS = 41.126302
```

```
-----
***Row Num = 403
Min = 2.864500
Max = 2.954400
Mean = 2.918780
std = 0.025950
RMS = 2.918892
```

```
-----
***Row Num = 404
Min = 3.111100
Max = 3.169300
Mean = 3.142289
std = 0.015939
RMS = 3.142328
```

```
-----
***Row Num = 405
Min = 7.313800
Max = 7.452000
Mean = 7.379870
std = 0.035171
RMS = 7.379952
```

```
-----
***Row Num = 406
Min = 6.581900
Max = 8.297600
Mean = 7.044582
std = 0.463139
RMS = 7.059444
```

```
-----
***Row Num = 407
Min = 3.089300
Max = 6.886600
Mean = 4.481198
std = 1.581015
```

RMS = 4.745939

---

\*\*\*Row Num = 408

Min = 7.601200

Max = 9.946000

Mean = 8.311498

std = 0.657586

RMS = 8.336881

---

\*\*\*Row Num = 409

Min = 0.895020

Max = 0.937990

Mean = 0.919500

std = 0.008379

RMS = 0.919537

---

\*\*\*Row Num = 410

Min = -0.408200

Max = -0.342290

Mean = -0.378329

std = 0.017148

RMS = 0.378709

---

\*\*\*Row Num = 411

Min = 0.072266

Max = 0.140630

Mean = 0.094305

std = 0.014412

RMS = 0.095375

---

\*\*\*Row Num = 412

Min = -1.008300

Max = 1.046400

Mean = 0.348444

std = 0.749993

RMS = 0.819218

---

\*\*\*Row Num = 413

Min = 0.206540

Max = 1.051800

Mean = 0.491921

std = 0.222842

RMS = 0.538996

---

\*\*\*Row Num = 414

Min = -0.437990

Max = 0.602050

Mean = 0.187655

std = 0.216784

RMS = 0.284854

---

\*\*\*Row Num = 415  
Min = -10.000000  
Max = 5.000000  
Mean = -1.818182  
std = 2.943441  
RMS = 3.431141

---

\*\*\*Row Num = 416  
Min = -12.000000  
Max = 5.000000  
Mean = -1.795455  
std = 2.849558  
RMS = 3.340523

---

\*\*\*Row Num = 417  
Min = -7.000000  
Max = 6.000000  
Mean = -1.659091  
std = 2.614300  
RMS = 3.071127

---

\*\*\*Row Num = 418  
Min = -4.000000  
Max = 1.000000  
Mean = -1.136364  
std = 1.212165  
RMS = 1.651446

---

\*\*\*Row Num = 419  
Min = -3.000000  
Max = 0.000000  
Mean = -1.295455  
std = 0.823479  
RMS = 1.530003

---

\*\*\*Row Num = 420  
Min = -4.000000  
Max = 2.000000  
Mean = -1.181818  
std = 1.084194  
RMS = 1.595448

---

\*\*\*Row Num = 421  
Min = -5.000000  
Max = 1.000000  
Mean = -1.090909  
std = 1.427605  
RMS = 1.783765

---

```
***Row Num = 422
Min = -4.000000
Max = 3.000000
Mean = -0.954545
std = 1.413466
RMS = 1.692228
```

---

```
***Row Num = 423
Min = -45.000000
Max = 46.000000
Mean = 5.477273
std = 21.417759
RMS = 21.869967
```

---

```
***Row Num = 424
Min = -16.000000
Max = 23.000000
Mean = 1.000000
std = 8.985777
RMS = 8.939188
```

---

```
***Row Num = 425
Min = -19.000000
Max = 19.000000
Mean = -1.409091
std = 6.251765
RMS = 6.338913
```

---

```
***Row Num = 426
Min = -11.000000
Max = 21.000000
Mean = -0.750000
std = 5.292052
RMS = 5.285056
```

---

```
***Row Num = 427
Min = -44.000000
Max = 51.000000
Mean = -0.931818
std = 11.781731
RMS = 11.684294
```

---

```
***Row Num = 428
Min = -18.000000
Max = 20.000000
Mean = 0.000000
std = 7.685686
RMS = 7.597847
```

---

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

```
Min = -21.000000
Max = 21.000000
Mean = -0.204545
std = 10.040799
RMS = 9.928151
```

---

```
***Row Num = 430
Min = -22.000000
Max = 29.000000
Mean = -1.318182
std = 8.514755
RMS = 8.520030
```

---

```
***Row Num = 431
Min = -15.375000
Max = 15.688000
Mean = 0.453125
std = 7.616165
RMS = 7.542743
```

---

```
***Row Num = 432
Min = -15.375000
Max = 15.688000
Mean = 0.453125
std = 7.616165
RMS = 7.542743
```

---

```
***Row Num = 433
Min = -15.375000
Max = 15.688000
Mean = 0.453125
std = 7.616165
RMS = 7.542743
```

---

```
***Row Num = 434
Min = -73.125000
Max = 65.313000
Mean = 5.056886
std = 24.296167
RMS = 24.545058
```

---

```
***Row Num = 435
Min = -73.125000
Max = 65.313000
Mean = 5.056886
std = 24.296167
RMS = 24.545058
```

---

```
***Row Num = 436
Min = -73.125000
```

```
Max = 65.313000
Mean = 5.056886
std = 24.296167
RMS = 24.545058
```

---

```
***Row Num = 437
Min = 2.855100
Max = 2.957300
Mean = 2.905670
std = 0.029220
RMS = 2.905814
```

---

```
***Row Num = 438
Min = 3.103600
Max = 3.167400
Mean = 3.134820
std = 0.020154
RMS = 3.134884
```

---

```
***Row Num = 439
Min = 7.346400
Max = 7.460400
Mean = 7.390366
std = 0.032345
RMS = 7.390435
```

---

```
***Row Num = 440
Min = 6.648800
Max = 8.432200
Mean = 7.076175
std = 0.502230
RMS = 7.093571
```

---

```
***Row Num = 441
Min = 3.075100
Max = 6.895000
Mean = 4.493695
std = 1.573091
RMS = 4.755173
```

---

```
***Row Num = 442
Min = 0.020777
Max = 9.725100
Mean = 7.837484
std = 1.828210
RMS = 8.043168
```

---

```
***Row Num = 443
Min = 0.896970
Max = 0.939450
```

```
Mean = 0.920466
std = 0.008807
RMS = 0.920507
```

---

```
***Row Num = 444
Min = -0.420900
Max = -0.348630
Mean = -0.376831
std = 0.014980
RMS = 0.377122
```

---

```
***Row Num = 445
Min = 0.061035
Max = 0.116700
Mean = 0.088956
std = 0.013733
RMS = 0.089986
```

---

```
***Row Num = 446
Min = -0.995120
Max = 1.111800
Mean = 0.241044
std = 0.785966
RMS = 0.813514
```

---

```
***Row Num = 447
Min = 0.229980
Max = 0.914060
Mean = 0.496005
std = 0.196315
RMS = 0.532621
```

---

```
***Row Num = 448
Min = -0.337400
Max = 0.640630
Mean = 0.189875
std = 0.241125
RMS = 0.304750
```

---

```
***Row Num = 449
Min = -8.000000
Max = 14.000000
Mean = -0.590909
std = 4.013455
RMS = 4.011348
```

---

```
***Row Num = 450
Min = -10.000000
Max = 7.000000
Mean = -0.590909
```

```
std = 3.519502  
RMS = 3.529100
```

```
-----  
***Row Num = 451  
Min = -6.000000  
Max = 6.000000  
Mean = -1.818182  
std = 2.713213  
RMS = 3.240370
```

```
-----  
***Row Num = 452  
Min = -4.000000  
Max = 3.000000  
Mean = -1.204545  
std = 1.650645  
RMS = 2.028210
```

```
-----  
***Row Num = 453  
Min = -3.000000  
Max = 1.000000  
Mean = -0.863636  
std = 1.153174  
RMS = 1.430194
```

```
-----  
***Row Num = 454  
Min = -3.000000  
Max = 2.000000  
Mean = -0.750000  
std = 1.037102  
RMS = 1.270290
```

```
-----  
***Row Num = 455  
Min = -4.000000  
Max = 3.000000  
Mean = -0.750000  
std = 1.686127  
RMS = 1.827815
```

```
-----  
***Row Num = 456  
Min = -4.000000  
Max = 3.000000  
Mean = -1.045455  
std = 1.293176  
RMS = 1.651446
```

```
-----  
***Row Num = 457  
Min = -83.000000  
Max = 75.000000  
Mean = 5.909091  
std = 33.774091
```



RMS = 33.906958

---

\*\*\*Row Num = 458  
Min = -24.000000  
Max = 20.000000  
Mean = 0.295455  
std = 9.092751  
RMS = 8.993685

---

\*\*\*Row Num = 459  
Min = -15.000000  
Max = 21.000000  
Mean = -0.090909  
std = 5.643758  
RMS = 5.579997

---

\*\*\*Row Num = 460  
Min = -10.000000  
Max = 20.000000  
Mean = 0.204545  
std = 4.717999  
RMS = 4.668560

---

\*\*\*Row Num = 461  
Min = -17.000000  
Max = 27.000000  
Mean = -0.613636  
std = 7.555118  
RMS = 7.493937

---

\*\*\*Row Num = 462  
Min = -14.000000  
Max = 26.000000  
Mean = 0.000000  
std = 7.970877  
RMS = 7.879778

---

\*\*\*Row Num = 463  
Min = -27.000000  
Max = 20.000000  
Mean = -2.250000  
std = 8.608068  
RMS = 8.802118

---

\*\*\*Row Num = 464  
Min = -67.000000  
Max = 25.000000  
Mean = -0.068182  
std = 13.650790  
RMS = 13.494949

---

\*\*\*Row Num = 465  
Min = -22.875000  
Max = 16.500000  
Mean = -0.157705  
std = 7.816068  
RMS = 7.728348

---

\*\*\*Row Num = 466  
Min = -22.875000  
Max = 16.500000  
Mean = -0.157705  
std = 7.816068  
RMS = 7.728348

---

\*\*\*Row Num = 467  
Min = -22.875000  
Max = 16.500000  
Mean = -0.157705  
std = 7.816068  
RMS = 7.728348

---

\*\*\*Row Num = 468  
Min = -46.750000  
Max = 85.563000  
Mean = 5.183318  
std = 25.040756  
RMS = 25.291409

---

\*\*\*Row Num = 469  
Min = -46.750000  
Max = 85.563000  
Mean = 5.183318  
std = 25.040756  
RMS = 25.291409

---

\*\*\*Row Num = 470  
Min = -46.750000  
Max = 85.563000  
Mean = 5.183318  
std = 25.040756  
RMS = 25.291409

---

\*\*\*Row Num = 471  
Min = 2.825500  
Max = 2.908200  
Mean = 2.872982  
std = 0.018990  
RMS = 2.873043

---

```
***Row Num = 472
Min = 3.113200
Max = 3.166000
Mean = 3.136134
std = 0.014559
RMS = 3.136167
-----
```

```
***Row Num = 473
Min = 7.341300
Max = 7.459900
Mean = 7.411782
std = 0.029502
RMS = 7.411839
-----
```

```
***Row Num = 474
Min = 6.587300
Max = 8.270500
Mean = 7.086980
std = 0.532280
RMS = 7.106487
-----
```

```
***Row Num = 475
Min = 3.054300
Max = 6.890900
Mean = 4.698805
std = 1.611717
RMS = 4.961588
-----
```

```
***Row Num = 476
Min = 7.632000
Max = 9.862100
Mean = 8.318034
std = 0.749812
RMS = 8.350996
-----
```

```
***Row Num = 477
Min = 0.897950
Max = 0.950200
Mean = 0.919967
std = 0.010897
RMS = 0.920030
-----
```

```
***Row Num = 478
Min = -0.402830
Max = -0.325200
Mean = -0.376365
std = 0.016871
RMS = 0.376735
-----
```

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

```
Min = 0.054199
Max = 0.124020
Mean = 0.092895
std = 0.011978
RMS = 0.093647
```

---

```
***Row Num = 480
Min = -0.947270
Max = 1.210000
Mean = 0.286399
std = 0.758811
RMS = 0.802953
```

---

```
***Row Num = 481
Min = 0.146480
Max = 1.069300
Mean = 0.465408
std = 0.229416
RMS = 0.517726
```

---

```
***Row Num = 482
Min = -0.333010
Max = 0.656740
Mean = 0.183072
std = 0.225676
RMS = 0.288596
```

---

```
***Row Num = 483
Min = -8.000000
Max = 4.000000
Mean = -1.204545
std = 2.368196
RMS = 2.632835
```

---

```
***Row Num = 484
Min = -6.000000
Max = 2.000000
Mean = -1.613636
std = 1.701106
RMS = 2.330626
```

---

```
***Row Num = 485
Min = -6.000000
Max = 7.000000
Mean = -1.227273
std = 2.467120
RMS = 2.730301
```

---

```
***Row Num = 486
Min = -4.000000
```

```
Max = 1.000000  
Mean = -1.136364  
std = 1.112109  
RMS = 1.581139
```

---

```
***Row Num = 487  
Min = -4.000000  
Max = 1.000000  
Mean = -1.227273  
std = 1.117798  
RMS = 1.651446
```

---

```
***Row Num = 488  
Min = -3.000000  
Max = 1.000000  
Mean = -0.886364  
std = 0.969678  
RMS = 1.305582
```

---

```
***Row Num = 489  
Min = -4.000000  
Max = 3.000000  
Mean = -0.795455  
std = 1.518560  
RMS = 1.698930
```

---

```
***Row Num = 490  
Min = -5.000000  
Max = 2.000000  
Mean = -1.159091  
std = 1.328457  
RMS = 1.751623
```

---

```
***Row Num = 491  
Min = -63.000000  
Max = 50.000000  
Mean = 3.704545  
std = 20.454805  
RMS = 20.557569
```

---

```
***Row Num = 492  
Min = -25.000000  
Max = 12.000000  
Mean = -0.500000  
std = 7.144684  
RMS = 7.080704
```

---

```
***Row Num = 493  
Min = -32.000000  
Max = 4.000000
```

```
Mean = -2.250000  
std = 6.891603  
RMS = 7.174766
```

```
-----  
***Row Num = 494  
Min = -13.000000  
Max = 10.000000  
Mean = -0.795455  
std = 2.992856  
RMS = 3.063717
```

```
-----  
***Row Num = 495  
Min = -13.000000  
Max = 12.000000  
Mean = -1.136364  
std = 3.788544  
RMS = 3.913845
```

```
-----  
***Row Num = 496  
Min = -17.000000  
Max = 8.000000  
Mean = -1.772727  
std = 5.577628  
RMS = 5.791844
```

```
-----  
***Row Num = 497  
Min = -30.000000  
Max = 18.000000  
Mean = -0.090909  
std = 8.285089  
RMS = 8.190904
```

```
-----  
***Row Num = 498  
Min = -53.000000  
Max = 24.000000  
Mean = -0.022727  
std = 11.604908  
RMS = 11.472299
```

```
-----  
***Row Num = 499  
Min = -19.438000  
Max = 10.000000  
Mean = -0.585261  
std = 6.562784  
RMS = 6.514123
```

```
-----  
***Row Num = 500  
Min = -19.438000  
Max = 10.000000  
Mean = -0.585261
```

```
std = 6.562784  
RMS = 6.514123
```

```
-----  
***Row Num = 501  
Min = -19.438000  
Max = 10.000000  
Mean = -0.585261  
std = 6.562784  
RMS = 6.514123
```

```
-----  
***Row Num = 502  
Min = -111.810000  
Max = 85.625000  
Mean = 4.056920  
std = 31.600383  
RMS = 31.501551
```

```
-----  
***Row Num = 503  
Min = -111.810000  
Max = 85.625000  
Mean = 4.056920  
std = 31.600383  
RMS = 31.501551
```

```
-----  
***Row Num = 504  
Min = -111.810000  
Max = 85.625000  
Mean = 4.056920  
std = 31.600383  
RMS = 31.501551
```

```
-----  
***Row Num = 505  
Min = 2.835000  
Max = 2.933600  
Mean = 2.884316  
std = 0.028704  
RMS = 2.884455
```

```
-----  
***Row Num = 506  
Min = 3.106900  
Max = 3.169400  
Mean = 3.135945  
std = 0.019574  
RMS = 3.136005
```

```
-----  
***Row Num = 507  
Min = 7.349500  
Max = 7.430300  
Mean = 7.384743  
std = 0.017959
```

RMS = 7.384765

---

\*\*\*Row Num = 508

Min = 6.573400

Max = 8.406600

Mean = 7.074666

std = 0.533032

RMS = 7.094263

---

\*\*\*Row Num = 509

Min = 3.096600

Max = 6.884000

Mean = 4.556841

std = 1.608357

RMS = 4.826264

---

\*\*\*Row Num = 510

Min = 7.634900

Max = 9.976100

Mean = 8.274382

std = 0.724182

RMS = 8.305294

---

\*\*\*Row Num = 511

Min = 0.897460

Max = 0.945310

Mean = 0.918291

std = 0.008245

RMS = 0.918327

---

\*\*\*Row Num = 512

Min = -0.407710

Max = -0.328130

Mean = -0.382014

std = 0.016054

RMS = 0.382344

---

\*\*\*Row Num = 513

Min = 0.068848

Max = 0.116210

Mean = 0.093928

std = 0.011304

RMS = 0.094590

---

\*\*\*Row Num = 514

Min = -1.133800

Max = 1.119100

Mean = 0.239035

std = 0.786213

RMS = 0.813154



---

\*\*\*Row Num = 515  
Min = 0.201660  
Max = 0.911620  
Mean = 0.478361  
std = 0.216900  
RMS = 0.524219

---

\*\*\*Row Num = 516  
Min = -0.466800  
Max = 0.588870  
Mean = 0.181963  
std = 0.241019  
RMS = 0.299801

---

\*\*\*Row Num = 517  
Min = -8.000000  
Max = 11.000000  
Mean = -1.068182  
std = 2.904669  
RMS = 3.063717

---

\*\*\*Row Num = 518  
Min = -4.000000  
Max = 6.000000  
Mean = -0.659091  
std = 2.410666  
RMS = 2.472577

---

\*\*\*Row Num = 519  
Min = -8.000000  
Max = 6.000000  
Mean = -1.022727  
std = 2.937240  
RMS = 3.078518

---

\*\*\*Row Num = 520  
Min = -4.000000  
Max = 2.000000  
Mean = -1.181818  
std = 1.368631  
RMS = 1.796461

---

\*\*\*Row Num = 521  
Min = -3.000000  
Max = 1.000000  
Mean = -0.909091  
std = 0.935556  
RMS = 1.296849

---

```
***Row Num = 522  
Min = -4.000000  
Max = 1.000000  
Mean = -0.954545  
std = 1.077347  
RMS = 1.430194
```

---

```
***Row Num = 523  
Min = -4.000000  
Max = 2.000000  
Mean = -0.772727  
std = 1.378635  
RMS = 1.566699
```

---

```
***Row Num = 524  
Min = -3.000000  
Max = 1.000000  
Mean = -1.136364  
std = 1.090997  
RMS = 1.566699
```

---

```
***Row Num = 525  
Min = -95.000000  
Max = 47.000000  
Mean = -0.022727  
std = 26.382243  
RMS = 26.080731
```

---

```
***Row Num = 526  
Min = -24.000000  
Max = 17.000000  
Mean = 0.227273  
std = 7.799415  
RMS = 7.713624
```

---

```
***Row Num = 527  
Min = -14.000000  
Max = 20.000000  
Mean = -0.159091  
std = 5.995902  
RMS = 5.929510
```

---

```
***Row Num = 528  
Min = -12.000000  
Max = 7.000000  
Mean = -0.886364  
std = 3.505583  
RMS = 3.577073
```

---

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

```
Min = -7.000000
Max = 28.000000
Mean = 0.409091
std = 5.091343
RMS = 5.049752
```

---

```
***Row Num = 530
Min = -11.000000
Max = 13.000000
Mean = -0.227273
std = 5.075539
RMS = 5.022676
```

---

```
***Row Num = 531
Min = -38.000000
Max = 14.000000
Mean = -1.818182
std = 8.052943
RMS = 8.165894
```

---

```
***Row Num = 532
Min = -67.000000
Max = 18.000000
Mean = -4.250000
std = 14.898299
RMS = 15.328968
```

---

```
***Row Num = 533
Min = -18.813000
Max = 10.938000
Mean = -0.474432
std = 6.378620
RMS = 6.323542
```

---

```
***Row Num = 534
Min = -18.813000
Max = 10.938000
Mean = -0.474432
std = 6.378620
RMS = 6.323542
```

---

```
***Row Num = 535
Min = -18.813000
Max = 10.938000
Mean = -0.474432
std = 6.378620
RMS = 6.323542
```

---

```
***Row Num = 536
Min = -181.190000
```

```
Max = 120.810000  
Mean = 2.843648  
std = 41.120594  
RMS = 40.749968
```

```
-----  
***Row Num = 537  
Min = -181.190000  
Max = 120.810000  
Mean = 2.843648  
std = 41.120594  
RMS = 40.749968
```

```
-----  
***Row Num = 538  
Min = -181.190000  
Max = 120.810000  
Mean = 2.843648  
std = 41.120594  
RMS = 40.749968
```

```
-----  
***Row Num = 539  
Min = 2.843800  
Max = 2.923900  
Mean = 2.888211  
std = 0.020182  
RMS = 2.888280
```

```
-----  
***Row Num = 540  
Min = 3.114100  
Max = 3.176400  
Mean = 3.144868  
std = 0.019202  
RMS = 3.144925
```

```
-----  
***Row Num = 541  
Min = 7.346100  
Max = 7.455400  
Mean = 7.389209  
std = 0.022370  
RMS = 7.389242
```

```
-----  
***Row Num = 542  
Min = 6.594800  
Max = 8.727700  
Mean = 7.130227  
std = 0.626407  
RMS = 7.157067
```

```
-----  
***Row Num = 543  
Min = 3.114300  
Max = 6.907600
```

```
Mean = 4.708161
std = 1.600073
RMS = 4.966773
```

---

```
***Row Num = 544
Min = 0.196280
Max = 9.988600
Mean = 8.107929
std = 1.419978
RMS = 8.228550
```

---

```
***Row Num = 545
Min = 0.896000
Max = 0.937990
Mean = 0.920821
std = 0.008120
RMS = 0.920856
```

---

```
***Row Num = 546
Min = -0.414550
Max = -0.335450
Mean = -0.376465
std = 0.014524
RMS = 0.376739
```

---

```
***Row Num = 547
Min = 0.056641
Max = 0.120120
Mean = 0.087868
std = 0.013007
RMS = 0.088804
```

---

```
***Row Num = 548
Min = -1.048300
Max = 1.160200
Mean = 0.226964
std = 0.794332
RMS = 0.817396
```

---

```
***Row Num = 549
Min = 0.258790
Max = 0.922850
Mean = 0.483198
std = 0.204873
RMS = 0.523927
```

---

```
***Row Num = 550
Min = -0.444340
Max = 0.631840
Mean = 0.194080
```

```
std = 0.251681
RMS = 0.315549
```

```
-----
***Row Num = 551
Min = -9.000000
Max = 11.000000
Mean = -0.636364
std = 3.498112
RMS = 3.516196
```

```
-----
***Row Num = 552
Min = -7.000000
Max = 4.000000
Mean = -0.636364
std = 2.343630
RMS = 2.402650
```

```
-----
***Row Num = 553
Min = -6.000000
Max = 4.000000
Mean = -1.090909
std = 2.639751
RMS = 2.828427
```

```
-----
***Row Num = 554
Min = -3.000000
Max = 1.000000
Mean = -1.136364
std = 1.112109
RMS = 1.581139
```

```
-----
***Row Num = 555
Min = -3.000000
Max = 1.000000
Mean = -0.977273
std = 0.952076
RMS = 1.356801
```

```
-----
***Row Num = 556
Min = -3.000000
Max = 1.000000
Mean = -1.022727
std = 0.999736
RMS = 1.422226
```

```
-----
***Row Num = 557
Min = -5.000000
Max = 2.000000
Mean = -1.136364
std = 1.286620
```

RMS = 1.705606

---

\*\*\*Row Num = 558

Min = -4.000000

Max = 2.000000

Mean = -1.295455

std = 1.211947

RMS = 1.764550

---

\*\*\*Row Num = 559

Min = -48.000000

Max = 63.000000

Mean = -2.750000

std = 23.607375

RMS = 23.499033

---

\*\*\*Row Num = 560

Min = -19.000000

Max = 16.000000

Mean = 0.045455

std = 6.706313

RMS = 6.629822

---

\*\*\*Row Num = 561

Min = -12.000000

Max = 30.000000

Mean = 0.909091

std = 7.290702

RMS = 7.264484

---

\*\*\*Row Num = 562

Min = -7.000000

Max = 6.000000

Mean = -0.954545

std = 2.956699

RMS = 3.074824

---

\*\*\*Row Num = 563

Min = -19.000000

Max = 8.000000

Mean = -1.090909

std = 4.203090

RMS = 4.295875

---

\*\*\*Row Num = 564

Min = -12.000000

Max = 19.000000

Mean = 1.000000

std = 5.348332

RMS = 5.380943

---

\*\*\*Row Num = 565  
Min = -24.000000  
Max = 26.000000  
Mean = 0.750000  
std = 8.158674  
RMS = 8.100224

---

\*\*\*Row Num = 566  
Min = -27.000000  
Max = 55.000000  
Mean = -0.181818  
std = 13.305485  
RMS = 13.154674

---

\*\*\*Row Num = 567  
Min = -20.625000  
Max = 20.313000  
Mean = 0.238648  
std = 7.969396  
RMS = 7.881928

---

\*\*\*Row Num = 568  
Min = -20.625000  
Max = 20.313000  
Mean = 0.238648  
std = 7.969396  
RMS = 7.881928

---

\*\*\*Row Num = 569  
Min = -20.625000  
Max = 20.313000  
Mean = 0.238648  
std = 7.969396  
RMS = 7.881928

---

\*\*\*Row Num = 570  
Min = -106.060000  
Max = 84.813000  
Mean = 3.259989  
std = 29.863455  
RMS = 29.701594

---

\*\*\*Row Num = 571  
Min = -106.060000  
Max = 84.813000  
Mean = 3.259989  
std = 29.863455  
RMS = 29.701594

---



```
***Row Num = 572
Min = -106.060000
Max = 84.813000
Mean = 3.259989
std = 29.863455
RMS = 29.701594
```

---

```
***Row Num = 573
Min = 2.821800
Max = 2.892700
Mean = 2.862748
std = 0.021419
RMS = 2.862826
```

---

```
***Row Num = 574
Min = 3.107300
Max = 3.156300
Mean = 3.134014
std = 0.014180
RMS = 3.134045
```

---

```
***Row Num = 575
Min = 7.317700
Max = 7.438600
Mean = 7.391893
std = 0.024122
RMS = 7.391932
```

---

```
***Row Num = 576
Min = 6.579500
Max = 8.451700
Mean = 7.108689
std = 0.532629
RMS = 7.128162
```

---

```
***Row Num = 577
Min = 3.082700
Max = 6.939000
Mean = 4.737216
std = 1.637055
RMS = 5.006022
```

---

```
***Row Num = 578
Min = 0.050657
Max = 9.876500
Mean = 8.079240
std = 1.419306
RMS = 8.200169
```

---

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

```
Min = 0.900390
Max = 0.938960
Mean = 0.916770
std = 0.007136
RMS = 0.916798
```

---

```
***Row Num = 580
Min = -0.421390
Max = -0.354490
Mean = -0.386685
std = 0.011998
RMS = 0.386867
```

---

```
***Row Num = 581
Min = 0.056152
Max = 0.122560
Mean = 0.087247
std = 0.013013
RMS = 0.088190
```

---

```
***Row Num = 582
Min = -1.055200
Max = 1.109900
Mean = -0.022416
std = 0.829119
RMS = 0.819949
```

---

```
***Row Num = 583
Min = 0.098633
Max = 0.912600
Mean = 0.502819
std = 0.212638
RMS = 0.544990
```

---

```
***Row Num = 584
Min = -0.543950
Max = 0.576170
Mean = 0.143977
std = 0.240744
RMS = 0.278154
```

---

```
***Row Num = 585
Min = -8.000000
Max = 5.000000
Mean = -1.272727
std = 2.213738
RMS = 2.531618
```

---

```
***Row Num = 586
Min = -7.000000
```

```
Max = 9.000000
Mean = -0.863636
std = 2.397585
RMS = 2.522625
```

---

```
***Row Num = 587
Min = -6.000000
Max = 6.000000
Mean = -1.000000
std = 2.382104
RMS = 2.558409
```

---

```
***Row Num = 588
Min = -4.000000
Max = 2.000000
Mean = -1.250000
std = 1.241248
RMS = 1.751623
```

---

```
***Row Num = 589
Min = -3.000000
Max = 1.000000
Mean = -0.931818
std = 1.043200
RMS = 1.389899
```

---

```
***Row Num = 590
Min = -3.000000
Max = 1.000000
Mean = -0.931818
std = 1.149271
RMS = 1.469385
```

---

```
***Row Num = 591
Min = -4.000000
Max = 2.000000
Mean = -0.818182
std = 1.434990
RMS = 1.637626
```

---

```
***Row Num = 592
Min = -3.000000
Max = 1.000000
Mean = -0.909091
std = 1.157748
RMS = 1.461630
```

---

```
***Row Num = 593
Min = -80.000000
Max = 48.000000
```

```
Mean = 1.840909
std = 25.671397
RMS = 25.444682
```

```
-----
***Row Num = 594
Min = -27.000000
Max = 24.000000
Mean = -0.545455
std = 9.643541
RMS = 9.548917
```

```
-----
***Row Num = 595
Min = -14.000000
Max = 16.000000
Mean = -0.545455
std = 5.529854
RMS = 5.493798
```

```
-----
***Row Num = 596
Min = -8.000000
Max = 8.000000
Mean = -0.340909
std = 3.490473
RMS = 3.467380
```

```
-----
***Row Num = 597
Min = -18.000000
Max = 53.000000
Mean = -0.750000
std = 9.045428
RMS = 8.973446
```

```
-----
***Row Num = 598
Min = -10.000000
Max = 11.000000
Mean = -0.386364
std = 3.901198
RMS = 3.875916
```

```
-----
***Row Num = 599
Min = -16.000000
Max = 31.000000
Mean = 1.090909
std = 8.051630
RMS = 8.034019
```

```
-----
***Row Num = 600
Min = -47.000000
Max = 31.000000
Mean = -2.068182
```

```
std = 11.596707  
RMS = 11.649229
```

```
-----  
***Row Num = 601  
Min = -21.063000  
Max = 23.000000  
Mean = 0.147705  
std = 8.722481  
RMS = 8.624058
```

```
-----  
***Row Num = 602  
Min = -21.063000  
Max = 23.000000  
Mean = 0.147705  
std = 8.722481  
RMS = 8.624058
```

```
-----  
***Row Num = 603  
Min = -21.063000  
Max = 23.000000  
Mean = 0.147705  
std = 8.722481  
RMS = 8.624058
```

```
-----  
***Row Num = 604  
Min = -74.188000  
Max = 89.313000  
Mean = 6.987261  
std = 32.288799  
RMS = 32.675582
```

```
-----  
***Row Num = 605  
Min = -74.188000  
Max = 89.313000  
Mean = 6.987261  
std = 32.288799  
RMS = 32.675582
```

```
-----  
***Row Num = 606  
Min = -74.188000  
Max = 89.313000  
Mean = 6.987261  
std = 32.288799  
RMS = 32.675582
```

```
-----  
***Row Num = 607  
Min = 2.826100  
Max = 2.886900  
Mean = 2.855441  
std = 0.014685
```

RMS = 2.855478

---

\*\*\*Row Num = 608

Min = 3.116900

Max = 3.177800

Mean = 3.147918

std = 0.015542

RMS = 3.147956

---

\*\*\*Row Num = 609

Min = 7.325000

Max = 7.437800

Mean = 7.389518

std = 0.027570

RMS = 7.389568

---

\*\*\*Row Num = 610

Min = 6.616300

Max = 8.572900

Mean = 7.276389

std = 0.535728

RMS = 7.295637

---

\*\*\*Row Num = 611

Min = 3.103000

Max = 6.952300

Mean = 5.270545

std = 1.624075

RMS = 5.509657

---

\*\*\*Row Num = 612

Min = 0.177770

Max = 9.988900

Mean = 8.253070

std = 1.458355

RMS = 8.378044

---

\*\*\*Row Num = 613

Min = 0.911620

Max = 0.934080

Mean = 0.923029

std = 0.004967

RMS = 0.923042

---

\*\*\*Row Num = 614

Min = -0.403320

Max = -0.350590

Mean = -0.371194

std = 0.010791

RMS = 0.371347

---

\*\*\*Row Num = 615  
Min = 0.062500  
Max = 0.108400  
Mean = 0.086859  
std = 0.009874  
RMS = 0.087405

---

\*\*\*Row Num = 616  
Min = -1.024900  
Max = 1.091300  
Mean = 0.216863  
std = 0.812157  
RMS = 0.831647

---

\*\*\*Row Num = 617  
Min = 0.155270  
Max = 0.967290  
Mean = 0.413741  
std = 0.171666  
RMS = 0.447193

---

\*\*\*Row Num = 618  
Min = -0.463380  
Max = 0.686040  
Mean = 0.157404  
std = 0.223538  
RMS = 0.271311

---

\*\*\*Row Num = 619  
Min = -7.000000  
Max = 6.000000  
Mean = -1.250000  
std = 2.488345  
RMS = 2.759282

---

\*\*\*Row Num = 620  
Min = -8.000000  
Max = 8.000000  
Mean = -1.181818  
std = 2.599398  
RMS = 2.828427

---

\*\*\*Row Num = 621  
Min = -10.000000  
Max = 9.000000  
Mean = -0.818182  
std = 3.674378  
RMS = 3.723390

---

```
***Row Num = 622
Min = -4.000000
Max = 2.000000
Mean = -1.227273
std = 1.198131
RMS = 1.705606
```

---

```
***Row Num = 623
Min = -3.000000
Max = 0.000000
Mean = -1.159091
std = 0.887725
RMS = 1.453835
```

---

```
***Row Num = 624
Min = -3.000000
Max = 1.000000
Mean = -0.840909
std = 1.077102
RMS = 1.356801
```

---

```
***Row Num = 625
Min = -3.000000
Max = 2.000000
Mean = -0.704545
std = 1.211947
RMS = 1.389899
```

---

```
***Row Num = 626
Min = -3.000000
Max = 1.000000
Mean = -0.772727
std = 1.117798
RMS = 1.348400
```

---

```
***Row Num = 627
Min = -76.000000
Max = 58.000000
Mean = 5.818182
std = 25.318688
RMS = 25.696657
```

---

```
***Row Num = 628
Min = -23.000000
Max = 23.000000
Mean = 0.613636
std = 7.761611
RMS = 7.697402
```

---

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



```
Min = -36.000000
Max = 4.000000
Mean = -2.159091
std = 5.810749
RMS = 6.136700
```

---

```
***Row Num = 630
Min = -6.000000
Max = 4.000000
Mean = -0.863636
std = 1.746637
RMS = 1.930615
```

---

```
***Row Num = 631
Min = -57.000000
Max = 43.000000
Mean = -0.977273
std = 11.339350
RMS = 11.252272
```

---

```
***Row Num = 632
Min = -15.000000
Max = 20.000000
Mean = 0.045455
std = 6.220576
RMS = 6.149649
```

---

```
***Row Num = 633
Min = -29.000000
Max = 14.000000
Mean = 0.409091
std = 7.977638
RMS = 7.897065
```

---

```
***Row Num = 634
Min = -21.000000
Max = 59.000000
Mean = 2.500000
std = 13.377350
RMS = 13.458691
```

---

```
***Row Num = 635
Min = -14.438000
Max = 20.125000
Mean = 0.637784
std = 6.279219
RMS = 6.240132
```

---

```
***Row Num = 636
Min = -14.438000
```

```
Max = 20.125000
Mean = 0.637784
std = 6.279219
RMS = 6.240132
```

---

```
***Row Num = 637
Min = -14.438000
Max = 20.125000
Mean = 0.637784
std = 6.279219
RMS = 6.240132
```

---

```
***Row Num = 638
Min = -33.188000
Max = 47.375000
Mean = 2.048273
std = 15.730503
RMS = 15.685034
```

---

```
***Row Num = 639
Min = -33.188000
Max = 47.375000
Mean = 2.048273
std = 15.730503
RMS = 15.685034
```

---

```
***Row Num = 640
Min = -33.188000
Max = 47.375000
Mean = 2.048273
std = 15.730503
RMS = 15.685034
```

---

```
***Row Num = 641
Min = 2.827700
Max = 2.910900
Mean = 2.869752
std = 0.019406
RMS = 2.869816
```

---

```
***Row Num = 642
Min = 3.104400
Max = 3.153300
Mean = 3.124107
std = 0.013226
RMS = 3.124134
```

---

```
***Row Num = 643
Min = 7.318500
Max = 7.402800
```

```
Mean = 7.381050
std = 0.016187
RMS = 7.381067
```

```
-----
***Row Num = 644
Min = 6.558600
Max = 8.500100
Mean = 7.118973
std = 0.543549
RMS = 7.139223
```

```
-----
***Row Num = 645
Min = 3.112300
Max = 6.982800
Mean = 4.695373
std = 1.719849
RMS = 4.993714
```

```
-----
***Row Num = 646
Min = 0.141310
Max = 9.892700
Mean = 8.074423
std = 1.447721
RMS = 8.200278
```

```
-----
***Row Num = 647
Min = 0.901860
Max = 0.927730
Mean = 0.916037
std = 0.004543
RMS = 0.916048
```

```
-----
***Row Num = 648
Min = -0.405270
Max = -0.366210
Mean = -0.385953
std = 0.007625
RMS = 0.386027
```

```
-----
***Row Num = 649
Min = 0.069824
Max = 0.104980
Mean = 0.088978
std = 0.007466
RMS = 0.089284
```

```
-----
***Row Num = 650
Min = -1.052200
Max = 0.250000
Mean = -0.851572
```

```
std = 0.237411  
RMS = 0.883322
```

```
-----  
***Row Num = 651  
Min = 0.185060  
Max = 0.799800  
Mean = 0.387496  
std = 0.097088  
RMS = 0.399205
```

```
-----  
***Row Num = 652  
Min = -0.445800  
Max = 0.536620  
Mean = -0.021107  
std = 0.147355  
RMS = 0.147192
```

```
-----  
***Row Num = 653  
Min = -7.000000  
Max = 10.000000  
Mean = -0.954545  
std = 2.917107  
RMS = 3.037643
```

```
-----  
***Row Num = 654  
Min = -6.000000  
Max = 7.000000  
Mean = -0.818182  
std = 2.489725  
RMS = 2.593699
```

```
-----  
***Row Num = 655  
Min = -9.000000  
Max = 4.000000  
Mean = -1.431818  
std = 2.880550  
RMS = 3.187333
```

```
-----  
***Row Num = 656  
Min = -3.000000  
Max = 1.000000  
Mean = -1.159091  
std = 1.237837  
RMS = 1.685500
```

```
-----  
***Row Num = 657  
Min = -3.000000  
Max = 2.000000  
Mean = -0.840909  
std = 1.328457
```

RMS = 1.559429

---

\*\*\*Row Num = 658

Min = -4.000000

Max = 1.000000

Mean = -1.250000

std = 1.143739

RMS = 1.685500

---

\*\*\*Row Num = 659

Min = -4.000000

Max = 2.000000

Mean = -0.931818

std = 1.531039

RMS = 1.777383

---

\*\*\*Row Num = 660

Min = -3.000000

Max = 2.000000

Mean = -1.159091

std = 1.098481

RMS = 1.588310

---

\*\*\*Row Num = 661

Min = -66.000000

Max = 45.000000

Mean = 4.227273

std = 24.816408

RMS = 24.894322

---

\*\*\*Row Num = 662

Min = -30.000000

Max = 21.000000

Mean = -0.227273

std = 10.103795

RMS = 9.990905

---

\*\*\*Row Num = 663

Min = -13.000000

Max = 19.000000

Mean = 0.840909

std = 5.216000

RMS = 5.224505

---

\*\*\*Row Num = 664

Min = -5.000000

Max = 5.000000

Mean = -0.159091

std = 2.261335

RMS = 2.241144

---

```
***Row Num = 665
Min = -4.000000
Max = 16.000000
Mean = 0.090909
std = 3.109013
RMS = 3.074824
```

---

```
***Row Num = 666
Min = -19.000000
Max = 19.000000
Mean = 0.159091
std = 6.164200
RMS = 6.095826
```

---

```
***Row Num = 667
Min = -18.000000
Max = 22.000000
Mean = -0.909091
std = 8.542148
RMS = 8.493313
```

---

```
***Row Num = 668
Min = -71.000000
Max = 47.000000
Mean = -1.227273
std = 16.575218
RMS = 16.431677
```

---

```
***Row Num = 669
Min = -15.438000
Max = 13.563000
Mean = -0.018466
std = 4.769492
RMS = 4.715018
```

---

```
***Row Num = 670
Min = -15.438000
Max = 13.563000
Mean = -0.018466
std = 4.769492
RMS = 4.715018
```

---

```
***Row Num = 671
Min = -15.438000
Max = 13.563000
Mean = -0.018466
std = 4.769492
RMS = 4.715018
```

---

```
***Row Num = 672
Min = -21.563000
Max = 45.625000
Mean = 4.032693
std = 12.796334
RMS = 13.277321
```

```
-----
***Row Num = 673
Min = -21.563000
Max = 45.625000
Mean = 4.032693
std = 12.796334
RMS = 13.277321
```

```
-----
***Row Num = 674
Min = -21.563000
Max = 45.625000
Mean = 4.032693
std = 12.796334
RMS = 13.277321
```

```
-----
***Row Num = 675
Min = 2.848700
Max = 2.885600
Mean = 2.865907
std = 0.008212
RMS = 2.865918
```

```
-----
***Row Num = 676
Min = 3.145600
Max = 3.161300
Mean = 3.152264
std = 0.002859
RMS = 3.152265
```

```
-----
***Row Num = 677
Min = 7.315000
Max = 7.343200
Mean = 7.336768
std = 0.007658
RMS = 7.336772
```

```
-----
***Row Num = 678
Min = 6.791700
Max = 8.443100
Mean = 7.719120
std = 0.286934
RMS = 7.724330
```

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

```
Min = 5.157700
Max = 6.927300
Mean = 6.805623
std = 0.341622
RMS = 6.813997
```

```
-----
***Row Num = 680
```

```
Min = 0.052102
Max = 9.810500
Mean = 9.043768
std = 1.418846
RMS = 9.151891
```

```
>>
```