

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081118\  
 Data File : FE028531.D  
 Signal(s) : FID1B.CH  
 Acq On : 12 Aug 2018 2:51  
 Sample : J4442-23  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE071918.M  
 Title :

Signal : FID1B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.562       | 2.525        | 2.582      | BH       | 407            | 3994         | 0.06%          | 0.001%        |
| 2         | 2.594       | 2.582        | 2.608      | HH       | 156            | 1553         | 0.02%          | 0.000%        |
| 3         | 2.614       | 2.608        | 2.625      | HH       | 164            | 1002         | 0.02%          | 0.000%        |
| 4         | 2.659       | 2.625        | 2.695      | PH       | 430            | 9533         | 0.15%          | 0.003%        |
| 5         | 2.724       | 2.695        | 2.737      | HH       | 388            | 7250         | 0.11%          | 0.002%        |
| 6         | 2.761       | 2.737        | 2.787      | HH       | 724            | 13534        | 0.21%          | 0.004%        |
| 7         | 2.803       | 2.787        | 2.849      | HH       | 1136           | 20608        | 0.32%          | 0.006%        |
| 8         | 2.868       | 2.849        | 2.926      | HH       | 518            | 17096        | 0.27%          | 0.005%        |
| 9         | 2.937       | 2.926        | 2.948      | HH       | 321            | 3577         | 0.06%          | 0.001%        |
| 10        | 2.981       | 2.948        | 3.008      | HH       | 488            | 11607        | 0.18%          | 0.004%        |
| 11        | 3.028       | 3.008        | 3.059      | HH       | 661            | 13285        | 0.21%          | 0.004%        |
| 12        | 3.067       | 3.059        | 3.098      | HH       | 409            | 9011         | 0.14%          | 0.003%        |
| 13        | 3.127       | 3.098        | 3.187      | HH       | 896            | 29806        | 0.46%          | 0.009%        |
| 14        | 3.223       | 3.187        | 3.238      | HH       | 631            | 16456        | 0.26%          | 0.005%        |
| 15        | 3.245       | 3.238        | 3.254      | HH       | 638            | 5190         | 0.08%          | 0.002%        |
| 16        | 3.300       | 3.254        | 3.324      | HH       | 1314           | 32446        | 0.50%          | 0.010%        |
| 17        | 3.346       | 3.324        | 3.364      | HH       | 921            | 18431        | 0.29%          | 0.006%        |
| 18        | 3.378       | 3.364        | 3.398      | HH       | 849            | 15304        | 0.24%          | 0.005%        |
| 19        | 3.422       | 3.398        | 3.455      | HH       | 751            | 21558        | 0.33%          | 0.007%        |
| 20        | 3.479       | 3.455        | 3.490      | HH       | 2198           | 27247        | 0.42%          | 0.008%        |
| 21        | 3.494       | 3.490        | 3.535      | HH       | 1797           | 31020        | 0.48%          | 0.009%        |
| 22        | 3.554       | 3.535        | 3.576      | HH       | 988            | 21105        | 0.33%          | 0.006%        |
| 23        | 3.588       | 3.576        | 3.616      | HH       | 1153           | 20709        | 0.32%          | 0.006%        |
| 24        | 3.627       | 3.616        | 3.653      | HH       | 760            | 15550        | 0.24%          | 0.005%        |
| 25        | 3.679       | 3.653        | 3.779      | HH       | 906            | 60804        | 0.94%          | 0.019%        |
| 26        | 3.793       | 3.779        | 3.815      | HH       | 868            | 17253        | 0.27%          | 0.005%        |
| 27        | 3.838       | 3.815        | 3.848      | HH       | 862            | 15704        | 0.24%          | 0.005%        |
| 28        | 3.882       | 3.848        | 3.938      | HH       | 1699           | 52834        | 0.82%          | 0.016%        |
| 29        | 3.967       | 3.938        | 3.992      | HH       | 1021           | 28636        | 0.44%          | 0.009%        |
| 30        | 4.003       | 3.992        | 4.025      | HH       | 946            | 17986        | 0.28%          | 0.006%        |
| 31        | 4.035       | 4.025        | 4.061      | HH       | 1004           | 20069        | 0.31%          | 0.006%        |
| 32        | 4.114       | 4.061        | 4.139      | HH       | 1088           | 46163        | 0.72%          | 0.014%        |
| 33        | 4.186       | 4.139        | 4.231      | HH       | 1099           | 55254        | 0.86%          | 0.017%        |
| 34        | 4.249       | 4.231        | 4.331      | HH       | 29445          | 339199       | 5.27%          | 0.104%        |
| 35        | 4.343       | 4.331        | 4.373      | HH       | 1369           | 32575        | 0.51%          | 0.010%        |
| 36        | 4.382       | 4.373        | 4.415      | HH       | 1292           | 29568        | 0.46%          | 0.009%        |

|    |       |       |       |    |            |        |       |        |  |
|----|-------|-------|-------|----|------------|--------|-------|--------|--|
|    |       |       |       |    | rteres.txt |        |       |        |  |
| 37 | 4.438 | 4.415 | 4.482 | HH | 2179       | 69543  | 1.08% | 0.021% |  |
| 38 | 4.497 | 4.482 | 4.519 | HH | 1820       | 32591  | 0.51% | 0.010% |  |
| 39 | 4.531 | 4.519 | 4.570 | HH | 1331       | 38466  | 0.60% | 0.012% |  |
| 40 | 4.599 | 4.570 | 4.641 | HH | 3593       | 103899 | 1.61% | 0.032% |  |
| 41 | 4.659 | 4.641 | 4.693 | HH | 2419       | 59129  | 0.92% | 0.018% |  |
| 42 | 4.721 | 4.693 | 4.753 | HH | 1593       | 53610  | 0.83% | 0.016% |  |
| 43 | 4.808 | 4.753 | 4.823 | HH | 5572       | 123490 | 1.92% | 0.038% |  |
| 44 | 4.833 | 4.823 | 4.907 | HH | 3296       | 108136 | 1.68% | 0.033% |  |
| 45 | 4.917 | 4.907 | 4.935 | HH | 1717       | 25408  | 0.39% | 0.008% |  |
| 46 | 4.945 | 4.935 | 4.982 | HH | 1564       | 41163  | 0.64% | 0.013% |  |
| 47 | 5.014 | 4.982 | 5.068 | HH | 1733       | 78533  | 1.22% | 0.024% |  |
| 48 | 5.080 | 5.068 | 5.113 | HH | 1490       | 38696  | 0.60% | 0.012% |  |
| 49 | 5.150 | 5.113 | 5.165 | HH | 1738       | 48389  | 0.75% | 0.015% |  |
| 50 | 5.172 | 5.165 | 5.204 | HH | 1638       | 36518  | 0.57% | 0.011% |  |
| 51 | 5.223 | 5.204 | 5.246 | HH | 1648       | 38803  | 0.60% | 0.012% |  |
| 52 | 5.261 | 5.246 | 5.298 | HH | 2020       | 50698  | 0.79% | 0.016% |  |
| 53 | 5.302 | 5.298 | 5.344 | HH | 1503       | 38795  | 0.60% | 0.012% |  |
| 54 | 5.365 | 5.344 | 5.381 | HH | 1635       | 33546  | 0.52% | 0.010% |  |
| 55 | 5.412 | 5.381 | 5.500 | HH | 1809       | 105046 | 1.63% | 0.032% |  |
| 56 | 5.525 | 5.500 | 5.575 | HH | 3698       | 89505  | 1.39% | 0.027% |  |
| 57 | 5.602 | 5.575 | 5.621 | HH | 1605       | 42254  | 0.66% | 0.013% |  |
| 58 | 5.634 | 5.621 | 5.645 | HH | 1554       | 20628  | 0.32% | 0.006% |  |
| 59 | 5.661 | 5.645 | 5.675 | HH | 1486       | 25899  | 0.40% | 0.008% |  |
| 60 | 5.704 | 5.675 | 5.735 | HH | 1737       | 54835  | 0.85% | 0.017% |  |
| 61 | 5.781 | 5.735 | 5.800 | HH | 1814       | 65759  | 1.02% | 0.020% |  |
| 62 | 5.812 | 5.800 | 5.828 | HH | 1854       | 30038  | 0.47% | 0.009% |  |
| 63 | 5.839 | 5.828 | 5.875 | HH | 1997       | 49138  | 0.76% | 0.015% |  |
| 64 | 5.901 | 5.875 | 5.928 | HH | 1795       | 53372  | 0.83% | 0.016% |  |
| 65 | 5.951 | 5.928 | 5.966 | HH | 2043       | 42851  | 0.67% | 0.013% |  |
| 66 | 5.978 | 5.966 | 6.040 | HH | 1976       | 79810  | 1.24% | 0.024% |  |
| 67 | 6.054 | 6.040 | 6.066 | HH | 1893       | 27597  | 0.43% | 0.008% |  |
| 68 | 6.094 | 6.066 | 6.107 | HH | 1751       | 41563  | 0.65% | 0.013% |  |
| 69 | 6.165 | 6.107 | 6.205 | HH | 1952       | 105185 | 1.63% | 0.032% |  |
| 70 | 6.232 | 6.205 | 6.245 | HH | 2165       | 48929  | 0.76% | 0.015% |  |
| 71 | 6.275 | 6.245 | 6.305 | HH | 2824       | 81105  | 1.26% | 0.025% |  |
| 72 | 6.323 | 6.305 | 6.384 | HH | 4558       | 132526 | 2.06% | 0.041% |  |
| 73 | 6.399 | 6.384 | 6.435 | HH | 2706       | 69092  | 1.07% | 0.021% |  |
| 74 | 6.492 | 6.435 | 6.521 | HH | 2768       | 112469 | 1.75% | 0.034% |  |
| 75 | 6.536 | 6.521 | 6.555 | HH | 3545       | 53250  | 0.83% | 0.016% |  |
| 76 | 6.569 | 6.555 | 6.601 | HH | 2432       | 61674  | 0.96% | 0.019% |  |
| 77 | 6.608 | 6.601 | 6.645 | HH | 2039       | 52054  | 0.81% | 0.016% |  |
| 78 | 6.686 | 6.645 | 6.713 | HH | 2498       | 93312  | 1.45% | 0.029% |  |
| 79 | 6.725 | 6.713 | 6.753 | HH | 2343       | 52963  | 0.82% | 0.016% |  |
| 80 | 6.765 | 6.753 | 6.788 | HH | 2123       | 42418  | 0.66% | 0.013% |  |
| 81 | 6.822 | 6.788 | 6.891 | HH | 6316       | 187987 | 2.92% | 0.058% |  |
| 82 | 6.899 | 6.891 | 6.931 | HH | 2468       | 53669  | 0.83% | 0.016% |  |
| 83 | 6.944 | 6.931 | 6.956 | HH | 2253       | 32062  | 0.50% | 0.010% |  |
| 84 | 6.973 | 6.956 | 6.998 | HH | 2396       | 54975  | 0.85% | 0.017% |  |
| 85 | 7.033 | 6.998 | 7.055 | HH | 2166       | 70861  | 1.10% | 0.022% |  |
| 86 | 7.063 | 7.055 | 7.069 | HH | 2171       | 17966  | 0.28% | 0.005% |  |
| 87 | 7.080 | 7.069 | 7.104 | HH | 2168       | 45192  | 0.70% | 0.014% |  |
| 88 | 7.154 | 7.104 | 7.168 | HH | 2428       | 84920  | 1.32% | 0.026% |  |
| 89 | 7.175 | 7.168 | 7.191 | HH | 2341       | 32070  | 0.50% | 0.010% |  |

|            |       |       |       |    |       |        |        |        |
|------------|-------|-------|-------|----|-------|--------|--------|--------|
| rteres.txt |       |       |       |    |       |        |        |        |
| 90         | 7.205 | 7.191 | 7.215 | HH | 2422  | 33372  | 0.52%  | 0.010% |
| 91         | 7.227 | 7.215 | 7.237 | HH | 2440  | 30441  | 0.47%  | 0.009% |
| 92         | 7.253 | 7.237 | 7.288 | HH | 2456  | 71220  | 1.11%  | 0.022% |
| 93         | 7.352 | 7.288 | 7.382 | HH | 3650  | 148148 | 2.30%  | 0.045% |
| 94         | 7.395 | 7.382 | 7.413 | HH | 2813  | 48576  | 0.75%  | 0.015% |
| 95         | 7.423 | 7.413 | 7.441 | HH | 2535  | 41914  | 0.65%  | 0.013% |
| 96         | 7.492 | 7.441 | 7.571 | HH | 2757  | 193062 | 3.00%  | 0.059% |
| 97         | 7.617 | 7.571 | 7.637 | HH | 2865  | 101171 | 1.57%  | 0.031% |
| 98         | 7.649 | 7.637 | 7.694 | HH | 2520  | 86258  | 1.34%  | 0.026% |
| 99         | 7.711 | 7.694 | 7.727 | HH | 2661  | 51085  | 0.79%  | 0.016% |
| 100        | 7.742 | 7.727 | 7.755 | HH | 2783  | 44469  | 0.69%  | 0.014% |
| 101        | 7.762 | 7.755 | 7.772 | HH | 2744  | 27416  | 0.43%  | 0.008% |
| 102        | 7.789 | 7.772 | 7.828 | HH | 2929  | 92964  | 1.44%  | 0.028% |
| 103        | 7.846 | 7.828 | 7.879 | HH | 3107  | 83828  | 1.30%  | 0.026% |
| 104        | 7.916 | 7.879 | 7.954 | HH | 4052  | 145219 | 2.26%  | 0.044% |
| 105        | 8.024 | 7.954 | 8.048 | HH | 4242  | 195548 | 3.04%  | 0.060% |
| 106        | 8.080 | 8.048 | 8.130 | HH | 5625  | 185175 | 2.88%  | 0.057% |
| 107        | 8.147 | 8.130 | 8.172 | HH | 3520  | 84687  | 1.32%  | 0.026% |
| 108        | 8.185 | 8.172 | 8.208 | HH | 3288  | 69697  | 1.08%  | 0.021% |
| 109        | 8.247 | 8.208 | 8.266 | HH | 4153  | 121636 | 1.89%  | 0.037% |
| 110        | 8.277 | 8.266 | 8.295 | HH | 3321  | 55622  | 0.86%  | 0.017% |
| 111        | 8.314 | 8.295 | 8.333 | HH | 4331  | 83343  | 1.29%  | 0.026% |
| 112        | 8.346 | 8.333 | 8.371 | HH | 3541  | 78966  | 1.23%  | 0.024% |
| 113        | 8.389 | 8.371 | 8.420 | HH | 4306  | 108077 | 1.68%  | 0.033% |
| 114        | 8.460 | 8.420 | 8.479 | HH | 8433  | 178645 | 2.78%  | 0.055% |
| 115        | 8.493 | 8.479 | 8.508 | HH | 4921  | 75660  | 1.18%  | 0.023% |
| 116        | 8.518 | 8.508 | 8.535 | HH | 4074  | 62100  | 0.96%  | 0.019% |
| 117        | 8.562 | 8.535 | 8.620 | HH | 86759 | 920472 | 14.30% | 0.282% |
| 118        | 8.631 | 8.620 | 8.654 | HH | 4112  | 80118  | 1.24%  | 0.025% |
| 119        | 8.675 | 8.654 | 8.707 | HH | 5422  | 138270 | 2.15%  | 0.042% |
| 120        | 8.726 | 8.707 | 8.762 | HH | 5526  | 142254 | 2.21%  | 0.044% |
| 121        | 8.776 | 8.762 | 8.798 | HH | 4105  | 84442  | 1.31%  | 0.026% |
| 122        | 8.804 | 8.798 | 8.832 | HH | 3843  | 73205  | 1.14%  | 0.022% |
| 123        | 8.864 | 8.832 | 8.880 | HH | 4305  | 114159 | 1.77%  | 0.035% |
| 124        | 8.919 | 8.880 | 8.945 | HH | 4953  | 175589 | 2.73%  | 0.054% |
| 125        | 8.972 | 8.945 | 9.002 | HH | 6121  | 174121 | 2.71%  | 0.053% |
| 126        | 9.034 | 9.002 | 9.058 | HH | 7284  | 177533 | 2.76%  | 0.054% |
| 127        | 9.081 | 9.058 | 9.098 | HH | 5088  | 106870 | 1.66%  | 0.033% |
| 128        | 9.118 | 9.098 | 9.134 | HH | 4643  | 93171  | 1.45%  | 0.029% |
| 129        | 9.153 | 9.134 | 9.172 | HH | 4488  | 96822  | 1.50%  | 0.030% |
| 130        | 9.219 | 9.172 | 9.292 | HH | 6007  | 345939 | 5.38%  | 0.106% |
| 131        | 9.318 | 9.292 | 9.351 | HH | 6807  | 190513 | 2.96%  | 0.058% |
| 132        | 9.374 | 9.351 | 9.389 | HH | 4668  | 100324 | 1.56%  | 0.031% |
| 133        | 9.405 | 9.389 | 9.441 | HH | 4785  | 140652 | 2.19%  | 0.043% |
| 134        | 9.453 | 9.441 | 9.472 | HH | 4413  | 80506  | 1.25%  | 0.025% |
| 135        | 9.499 | 9.472 | 9.528 | HH | 6492  | 175816 | 2.73%  | 0.054% |
| 136        | 9.542 | 9.528 | 9.563 | HH | 4768  | 95929  | 1.49%  | 0.029% |
| 137        | 9.579 | 9.563 | 9.601 | HH | 5177  | 106361 | 1.65%  | 0.033% |
| 138        | 9.620 | 9.601 | 9.643 | HH | 5049  | 118964 | 1.85%  | 0.036% |
| 139        | 9.669 | 9.643 | 9.682 | HH | 5321  | 114249 | 1.78%  | 0.035% |
| 140        | 9.708 | 9.682 | 9.726 | HH | 13754 | 217257 | 3.38%  | 0.066% |
| 141        | 9.734 | 9.726 | 9.759 | HH | 5991  | 107151 | 1.66%  | 0.033% |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 142 | 9.785  | 9.759  | 9.805  | HH | 5753       | 147640 | 2.29% | 0.045% |
| 143 | 9.825  | 9.805  | 9.848  | HH | 6053       | 141085 | 2.19% | 0.043% |
| 144 | 9.859  | 9.848  | 9.868  | HH | 5216       | 60663  | 0.94% | 0.019% |
| 145 | 9.881  | 9.868  | 9.912  | HH | 5505       | 134139 | 2.08% | 0.041% |
| 146 | 9.942  | 9.912  | 9.972  | HH | 7140       | 195187 | 3.03% | 0.060% |
| 147 | 10.020 | 9.972  | 10.027 | HH | 5395       | 164654 | 2.56% | 0.050% |
| 148 | 10.039 | 10.027 | 10.072 | HH | 5899       | 149231 | 2.32% | 0.046% |
| 149 | 10.101 | 10.072 | 10.123 | HH | 9121       | 199727 | 3.10% | 0.061% |
| 150 | 10.163 | 10.123 | 10.183 | HH | 6299       | 207267 | 3.22% | 0.063% |
| 151 | 10.211 | 10.183 | 10.245 | HH | 6440       | 211311 | 3.28% | 0.065% |
| 152 | 10.272 | 10.245 | 10.298 | HH | 6359       | 184744 | 2.87% | 0.057% |
| 153 | 10.311 | 10.298 | 10.342 | HH | 5514       | 142062 | 2.21% | 0.043% |
| 154 | 10.384 | 10.342 | 10.405 | HH | 5596       | 204191 | 3.17% | 0.062% |
| 155 | 10.451 | 10.405 | 10.469 | HH | 7696       | 242683 | 3.77% | 0.074% |
| 156 | 10.493 | 10.469 | 10.523 | HH | 9583       | 240700 | 3.74% | 0.074% |
| 157 | 10.582 | 10.523 | 10.617 | HH | 7260       | 373543 | 5.80% | 0.114% |
| 158 | 10.640 | 10.617 | 10.671 | HH | 7374       | 216706 | 3.37% | 0.066% |
| 159 | 10.715 | 10.671 | 10.744 | HH | 10678      | 341514 | 5.31% | 0.105% |
| 160 | 10.756 | 10.744 | 10.783 | HH | 8153       | 177348 | 2.76% | 0.054% |
| 161 | 10.804 | 10.783 | 10.824 | HH | 10283      | 225506 | 3.50% | 0.069% |
| 162 | 10.843 | 10.824 | 10.869 | HH | 12673      | 264206 | 4.11% | 0.081% |
| 163 | 10.877 | 10.869 | 10.891 | HH | 7601       | 97766  | 1.52% | 0.030% |
| 164 | 10.916 | 10.891 | 10.941 | HH | 11995      | 271957 | 4.23% | 0.083% |
| 165 | 10.955 | 10.941 | 10.969 | HH | 7818       | 125931 | 1.96% | 0.039% |
| 166 | 10.977 | 10.969 | 11.008 | HH | 7243       | 165341 | 2.57% | 0.051% |
| 167 | 11.021 | 11.008 | 11.041 | HH | 7182       | 136231 | 2.12% | 0.042% |
| 168 | 11.052 | 11.041 | 11.068 | HH | 6726       | 107640 | 1.67% | 0.033% |
| 169 | 11.099 | 11.068 | 11.110 | HH | 6938       | 170341 | 2.65% | 0.052% |
| 170 | 11.127 | 11.110 | 11.149 | HH | 8741       | 173644 | 2.70% | 0.053% |
| 171 | 11.168 | 11.149 | 11.179 | HH | 7076       | 124979 | 1.94% | 0.038% |
| 172 | 11.202 | 11.179 | 11.226 | HH | 7466       | 207833 | 3.23% | 0.064% |
| 173 | 11.241 | 11.226 | 11.279 | HH | 7529       | 223929 | 3.48% | 0.069% |
| 174 | 11.301 | 11.279 | 11.321 | HH | 7714       | 177687 | 2.76% | 0.054% |
| 175 | 11.372 | 11.321 | 11.394 | HH | 7755       | 318351 | 4.95% | 0.097% |
| 176 | 11.415 | 11.394 | 11.455 | HH | 7525       | 259455 | 4.03% | 0.079% |
| 177 | 11.487 | 11.455 | 11.504 | HH | 7165       | 205214 | 3.19% | 0.063% |
| 178 | 11.549 | 11.504 | 11.580 | HH | 11282      | 374086 | 5.81% | 0.115% |
| 179 | 11.596 | 11.580 | 11.607 | HH | 7477       | 116397 | 1.81% | 0.036% |
| 180 | 11.639 | 11.607 | 11.682 | HH | 10612      | 378454 | 5.88% | 0.116% |
| 181 | 11.715 | 11.682 | 11.732 | HH | 9222       | 237412 | 3.69% | 0.073% |
| 182 | 11.745 | 11.732 | 11.766 | HH | 8303       | 156117 | 2.43% | 0.048% |
| 183 | 11.796 | 11.766 | 11.807 | HH | 7722       | 180325 | 2.80% | 0.055% |
| 184 | 11.820 | 11.807 | 11.829 | HH | 7834       | 103683 | 1.61% | 0.032% |
| 185 | 11.866 | 11.829 | 11.898 | HH | 7973       | 320765 | 4.98% | 0.098% |
| 186 | 11.959 | 11.898 | 11.972 | HH | 8683       | 351951 | 5.47% | 0.108% |
| 187 | 12.036 | 11.972 | 12.067 | HH | 9233       | 497416 | 7.73% | 0.152% |
| 188 | 12.077 | 12.067 | 12.093 | HH | 8413       | 128825 | 2.00% | 0.039% |
| 189 | 12.110 | 12.093 | 12.133 | HH | 8600       | 194280 | 3.02% | 0.059% |
| 190 | 12.150 | 12.133 | 12.170 | HH | 7849       | 169192 | 2.63% | 0.052% |
| 191 | 12.221 | 12.170 | 12.238 | HH | 12021      | 384733 | 5.98% | 0.118% |
| 192 | 12.250 | 12.238 | 12.257 | HH | 9573       | 107294 | 1.67% | 0.033% |
| 193 | 12.274 | 12.257 | 12.293 | HH | 10716      | 205253 | 3.19% | 0.063% |
| 194 | 12.320 | 12.293 | 12.348 | HH | 12000      | 320422 | 4.98% | 0.098% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 12.359 | 12.348 | 12.377 | HH | 8363       | 145463  | 2.26%  | 0.045% |
| 196 | 12.406 | 12.377 | 12.418 | HH | 8448       | 203783  | 3.17%  | 0.062% |
| 197 | 12.472 | 12.418 | 12.550 | HH | 24341      | 920023  | 14.29% | 0.282% |
| 198 | 12.565 | 12.550 | 12.582 | HH | 9947       | 186964  | 2.90%  | 0.057% |
| 199 | 12.639 | 12.582 | 12.652 | HH | 10231      | 402922  | 6.26%  | 0.123% |
| 200 | 12.673 | 12.652 | 12.705 | HH | 10556      | 322195  | 5.01%  | 0.099% |
| 201 | 12.720 | 12.705 | 12.771 | HH | 10534      | 389740  | 6.06%  | 0.119% |
| 202 | 12.800 | 12.771 | 12.821 | HH | 10091      | 295944  | 4.60%  | 0.091% |
| 203 | 12.835 | 12.821 | 12.848 | HH | 10222      | 159457  | 2.48%  | 0.049% |
| 204 | 12.865 | 12.848 | 12.885 | HH | 14457      | 261460  | 4.06%  | 0.080% |
| 205 | 12.928 | 12.885 | 12.941 | HH | 13167      | 374005  | 5.81%  | 0.114% |
| 206 | 12.957 | 12.941 | 12.996 | HH | 17075      | 404045  | 6.28%  | 0.124% |
| 207 | 13.037 | 12.996 | 13.063 | HH | 10377      | 404258  | 6.28%  | 0.124% |
| 208 | 13.084 | 13.063 | 13.099 | HH | 10182      | 220550  | 3.43%  | 0.068% |
| 209 | 13.117 | 13.099 | 13.128 | HH | 10782      | 182732  | 2.84%  | 0.056% |
| 210 | 13.153 | 13.128 | 13.173 | HH | 11934      | 294274  | 4.57%  | 0.090% |
| 211 | 13.190 | 13.173 | 13.209 | HH | 11075      | 231197  | 3.59%  | 0.071% |
| 212 | 13.231 | 13.209 | 13.242 | HH | 11741      | 218701  | 3.40%  | 0.067% |
| 213 | 13.280 | 13.242 | 13.302 | HH | 29143      | 662426  | 10.29% | 0.203% |
| 214 | 13.318 | 13.302 | 13.337 | HH | 14636      | 290847  | 4.52%  | 0.089% |
| 215 | 13.356 | 13.337 | 13.378 | HH | 16229      | 354013  | 5.50%  | 0.108% |
| 216 | 13.388 | 13.378 | 13.419 | HH | 12876      | 295678  | 4.59%  | 0.091% |
| 217 | 13.436 | 13.419 | 13.451 | HH | 11573      | 219788  | 3.41%  | 0.067% |
| 218 | 13.480 | 13.451 | 13.511 | HH | 17425      | 478781  | 7.44%  | 0.147% |
| 219 | 13.533 | 13.511 | 13.544 | HH | 13398      | 247530  | 3.85%  | 0.076% |
| 220 | 13.559 | 13.544 | 13.574 | HH | 14066      | 232643  | 3.61%  | 0.071% |
| 221 | 13.597 | 13.574 | 13.638 | HH | 41536      | 754685  | 11.73% | 0.231% |
| 222 | 13.678 | 13.638 | 13.695 | HH | 14013      | 431220  | 6.70%  | 0.132% |
| 223 | 13.716 | 13.695 | 13.745 | HH | 14236      | 403306  | 6.27%  | 0.123% |
| 224 | 13.762 | 13.745 | 13.808 | HH | 14388      | 488579  | 7.59%  | 0.150% |
| 225 | 13.858 | 13.808 | 13.891 | HH | 14963      | 668558  | 10.39% | 0.205% |
| 226 | 13.921 | 13.891 | 13.942 | HH | 20695      | 493071  | 7.66%  | 0.151% |
| 227 | 13.955 | 13.942 | 13.973 | HH | 15388      | 268964  | 4.18%  | 0.082% |
| 228 | 13.983 | 13.973 | 13.995 | HH | 14158      | 189319  | 2.94%  | 0.058% |
| 229 | 14.020 | 13.995 | 14.047 | HH | 16133      | 459405  | 7.14%  | 0.141% |
| 230 | 14.070 | 14.047 | 14.088 | HH | 21536      | 413949  | 6.43%  | 0.127% |
| 231 | 14.117 | 14.088 | 14.188 | HH | 22176      | 981724  | 15.25% | 0.300% |
| 232 | 14.198 | 14.188 | 14.213 | HH | 14247      | 212246  | 3.30%  | 0.065% |
| 233 | 14.221 | 14.213 | 14.245 | HH | 14165      | 269819  | 4.19%  | 0.083% |
| 234 | 14.305 | 14.245 | 14.350 | HH | 16297      | 939512  | 14.60% | 0.288% |
| 235 | 14.372 | 14.350 | 14.389 | HH | 15125      | 348950  | 5.42%  | 0.107% |
| 236 | 14.404 | 14.389 | 14.415 | HH | 14967      | 226425  | 3.52%  | 0.069% |
| 237 | 14.435 | 14.415 | 14.457 | HH | 16941      | 405518  | 6.30%  | 0.124% |
| 238 | 14.512 | 14.457 | 14.591 | HH | 21251      | 1433634 | 22.28% | 0.439% |
| 239 | 14.606 | 14.591 | 14.614 | HH | 16717      | 230716  | 3.58%  | 0.071% |
| 240 | 14.635 | 14.614 | 14.681 | HH | 26147      | 758605  | 11.79% | 0.232% |
| 241 | 14.700 | 14.681 | 14.719 | HH | 19052      | 396880  | 6.17%  | 0.121% |
| 242 | 14.743 | 14.719 | 14.814 | HH | 26690      | 1045474 | 16.24% | 0.320% |
| 243 | 14.840 | 14.814 | 14.847 | HH | 18062      | 337034  | 5.24%  | 0.103% |
| 244 | 14.860 | 14.847 | 14.893 | HH | 18550      | 485206  | 7.54%  | 0.149% |
| 245 | 14.916 | 14.893 | 14.940 | HH | 17638      | 476650  | 7.41%  | 0.146% |
| 246 | 14.976 | 14.940 | 15.008 | HH | 228340     | 3110754 | 48.33% | 0.952% |

| rteres.txt |        |        |        |    |       |         |        |        |
|------------|--------|--------|--------|----|-------|---------|--------|--------|
| 247        | 15.018 | 15.008 | 15.050 | HH | 17795 | 440972  | 6.85%  | 0.135% |
| 248        | 15.075 | 15.050 | 15.098 | HH | 18128 | 509271  | 7.91%  | 0.156% |
| 249        | 15.177 | 15.098 | 15.212 | HH | 45759 | 1652621 | 25.68% | 0.506% |
| 250        | 15.245 | 15.212 | 15.277 | HH | 22117 | 799965  | 12.43% | 0.245% |
| 251        | 15.318 | 15.277 | 15.352 | HH | 18940 | 819277  | 12.73% | 0.251% |
| 252        | 15.379 | 15.352 | 15.403 | HH | 19999 | 587147  | 9.12%  | 0.180% |
| 253        | 15.423 | 15.403 | 15.440 | HH | 19422 | 415188  | 6.45%  | 0.127% |
| 254        | 15.465 | 15.440 | 15.483 | HH | 19109 | 483894  | 7.52%  | 0.148% |
| 255        | 15.514 | 15.483 | 15.525 | HH | 19813 | 496998  | 7.72%  | 0.152% |
| 256        | 15.534 | 15.525 | 15.547 | HH | 19468 | 248398  | 3.86%  | 0.076% |
| 257        | 15.579 | 15.547 | 15.680 | HH | 53519 | 2871674 | 44.62% | 0.879% |
| 258        | 15.700 | 15.680 | 15.711 | HH | 33842 | 526888  | 8.19%  | 0.161% |
| 259        | 15.725 | 15.711 | 15.771 | HH | 38937 | 945943  | 14.70% | 0.290% |
| 260        | 15.793 | 15.771 | 15.814 | HH | 26752 | 599830  | 9.32%  | 0.184% |
| 261        | 15.827 | 15.814 | 15.850 | HH | 21860 | 460382  | 7.15%  | 0.141% |
| 262        | 15.870 | 15.850 | 15.902 | HH | 22039 | 648021  | 10.07% | 0.198% |
| 263        | 15.991 | 15.902 | 16.010 | HH | 22287 | 1381695 | 21.47% | 0.423% |
| 264        | 16.023 | 16.010 | 16.045 | HH | 22336 | 449705  | 6.99%  | 0.138% |
| 265        | 16.073 | 16.045 | 16.101 | HH | 22178 | 723975  | 11.25% | 0.222% |
| 266        | 16.138 | 16.101 | 16.155 | HH | 22635 | 721355  | 11.21% | 0.221% |
| 267        | 16.162 | 16.155 | 16.177 | HH | 22425 | 301279  | 4.68%  | 0.092% |
| 268        | 16.203 | 16.177 | 16.229 | HH | 35985 | 832849  | 12.94% | 0.255% |
| 269        | 16.268 | 16.229 | 16.288 | HH | 24283 | 809023  | 12.57% | 0.248% |
| 270        | 16.305 | 16.288 | 16.326 | HH | 22284 | 492034  | 7.64%  | 0.151% |
| 271        | 16.335 | 16.326 | 16.342 | HH | 22099 | 215908  | 3.35%  | 0.066% |
| 272        | 16.373 | 16.342 | 16.387 | HH | 22522 | 598976  | 9.31%  | 0.183% |
| 273        | 16.433 | 16.387 | 16.456 | HH | 24384 | 976359  | 15.17% | 0.299% |
| 274        | 16.516 | 16.456 | 16.551 | HH | 25936 | 1380545 | 21.45% | 0.423% |
| 275        | 16.569 | 16.551 | 16.578 | HH | 24978 | 395712  | 6.15%  | 0.121% |
| 276        | 16.624 | 16.578 | 16.667 | HH | 31161 | 1555906 | 24.17% | 0.476% |
| 277        | 16.689 | 16.667 | 16.707 | HH | 43931 | 825980  | 12.83% | 0.253% |
| 278        | 16.723 | 16.707 | 16.742 | HH | 33790 | 640328  | 9.95%  | 0.196% |
| 279        | 16.753 | 16.742 | 16.767 | HH | 28190 | 417846  | 6.49%  | 0.128% |
| 280        | 16.779 | 16.767 | 16.798 | HH | 28028 | 505275  | 7.85%  | 0.155% |
| 281        | 16.830 | 16.798 | 16.839 | HH | 28443 | 666679  | 10.36% | 0.204% |
| 282        | 16.855 | 16.839 | 16.878 | HH | 29126 | 663643  | 10.31% | 0.203% |
| 283        | 16.895 | 16.878 | 16.903 | HH | 28216 | 417975  | 6.49%  | 0.128% |
| 284        | 16.923 | 16.903 | 16.950 | HH | 28404 | 782311  | 12.16% | 0.239% |
| 285        | 16.991 | 16.950 | 17.004 | HH | 29072 | 920043  | 14.30% | 0.282% |
| 286        | 17.048 | 17.004 | 17.088 | HH | 35715 | 1550555 | 24.09% | 0.475% |
| 287        | 17.108 | 17.088 | 17.131 | HH | 32856 | 796879  | 12.38% | 0.244% |
| 288        | 17.158 | 17.131 | 17.185 | HH | 47578 | 1156575 | 17.97% | 0.354% |
| 289        | 17.210 | 17.185 | 17.229 | HH | 47552 | 1001014 | 15.55% | 0.306% |
| 290        | 17.239 | 17.229 | 17.260 | HH | 33259 | 583368  | 9.06%  | 0.179% |
| 291        | 17.278 | 17.260 | 17.341 | HH | 30596 | 1476343 | 22.94% | 0.452% |
| 292        | 17.359 | 17.341 | 17.368 | HH | 31359 | 496090  | 7.71%  | 0.152% |
| 293        | 17.438 | 17.368 | 17.473 | HH | 33471 | 1994808 | 30.99% | 0.611% |
| 294        | 17.501 | 17.473 | 17.531 | HH | 33639 | 1133041 | 17.60% | 0.347% |
| 295        | 17.574 | 17.531 | 17.584 | HH | 35568 | 1097520 | 17.05% | 0.336% |
| 296        | 17.610 | 17.584 | 17.643 | HH | 62089 | 1508046 | 23.43% | 0.462% |
| 297        | 17.668 | 17.643 | 17.688 | HH | 33945 | 904443  | 14.05% | 0.277% |
| 298        | 17.705 | 17.688 | 17.731 | HH | 35322 | 886241  | 13.77% | 0.271% |
| 299        | 17.758 | 17.731 | 17.785 | HH | 36418 | 1118136 | 17.37% | 0.342% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 300 | 17.812 | 17.785 | 17.828 | HH | 35455      | 898198  | 13.96% | 0.275% |
| 301 | 17.841 | 17.828 | 17.859 | HH | 34671      | 623162  | 9.68%  | 0.191% |
| 302 | 17.904 | 17.859 | 17.916 | HH | 35423      | 1186871 | 18.44% | 0.363% |
| 303 | 17.940 | 17.916 | 17.958 | HH | 35714      | 887278  | 13.79% | 0.272% |
| 304 | 18.007 | 17.958 | 18.017 | HH | 38195      | 1312155 | 20.39% | 0.402% |
| 305 | 18.049 | 18.017 | 18.110 | HH | 60832      | 2321493 | 36.07% | 0.711% |
| 306 | 18.140 | 18.110 | 18.160 | HH | 42114      | 1169851 | 18.18% | 0.358% |
| 307 | 18.174 | 18.160 | 18.185 | HH | 38085      | 554197  | 8.61%  | 0.170% |
| 308 | 18.232 | 18.185 | 18.249 | HH | 47214      | 1590340 | 24.71% | 0.487% |
| 309 | 18.260 | 18.249 | 18.288 | HH | 41309      | 926937  | 14.40% | 0.284% |
| 310 | 18.308 | 18.288 | 18.347 | HH | 40750      | 1385450 | 21.53% | 0.424% |
| 311 | 18.430 | 18.347 | 18.455 | HH | 59408      | 3088389 | 47.99% | 0.945% |
| 312 | 18.474 | 18.455 | 18.515 | HH | 72317      | 2040051 | 31.70% | 0.624% |
| 313 | 18.523 | 18.515 | 18.551 | HH | 43370      | 919701  | 14.29% | 0.282% |
| 314 | 18.571 | 18.551 | 18.583 | HH | 44372      | 842920  | 13.10% | 0.258% |
| 315 | 18.601 | 18.583 | 18.646 | HH | 49519      | 1663931 | 25.85% | 0.509% |
| 316 | 18.663 | 18.646 | 18.704 | HH | 41855      | 1439643 | 22.37% | 0.441% |
| 317 | 18.749 | 18.704 | 18.768 | HH | 45455      | 1607730 | 24.98% | 0.492% |
| 318 | 18.789 | 18.768 | 18.813 | HH | 46724      | 1181966 | 18.36% | 0.362% |
| 319 | 18.882 | 18.813 | 18.928 | HH | 61737      | 3204072 | 49.78% | 0.981% |
| 320 | 18.955 | 18.928 | 18.964 | HH | 44884      | 952307  | 14.80% | 0.291% |
| 321 | 18.988 | 18.964 | 19.005 | HH | 49767      | 1150138 | 17.87% | 0.352% |
| 322 | 19.026 | 19.005 | 19.041 | HH | 48958      | 1030533 | 16.01% | 0.315% |
| 323 | 19.072 | 19.041 | 19.091 | HH | 50828      | 1438247 | 22.35% | 0.440% |
| 324 | 19.107 | 19.091 | 19.139 | HH | 47263      | 1310443 | 20.36% | 0.401% |
| 325 | 19.201 | 19.139 | 19.224 | HH | 49013      | 2378434 | 36.95% | 0.728% |
| 326 | 19.283 | 19.224 | 19.375 | HH | 72877      | 5287617 | 82.16% | 1.618% |
| 327 | 19.399 | 19.375 | 19.408 | HH | 53398      | 1068828 | 16.61% | 0.327% |
| 328 | 19.419 | 19.408 | 19.430 | HH | 53651      | 706970  | 10.98% | 0.216% |
| 329 | 19.451 | 19.430 | 19.480 | HH | 63626      | 1686233 | 26.20% | 0.516% |
| 330 | 19.497 | 19.480 | 19.520 | HH | 53731      | 1232973 | 19.16% | 0.377% |
| 331 | 19.572 | 19.520 | 19.593 | HH | 55943      | 2326111 | 36.14% | 0.712% |
| 332 | 19.609 | 19.593 | 19.651 | HH | 54956      | 1845903 | 28.68% | 0.565% |
| 333 | 19.673 | 19.651 | 19.718 | HH | 58833      | 2146081 | 33.34% | 0.657% |
| 334 | 19.768 | 19.718 | 19.805 | HH | 60530      | 2876849 | 44.70% | 0.881% |
| 335 | 19.827 | 19.805 | 19.845 | HH | 55906      | 1338368 | 20.79% | 0.410% |
| 336 | 19.869 | 19.845 | 19.941 | HH | 58038      | 3193609 | 49.62% | 0.977% |
| 337 | 19.985 | 19.941 | 20.013 | HH | 56714      | 2439754 | 37.91% | 0.747% |
| 338 | 20.063 | 20.013 | 20.110 | HH | 78259      | 3656689 | 56.82% | 1.119% |
| 339 | 20.130 | 20.110 | 20.142 | HH | 59621      | 1136639 | 17.66% | 0.348% |
| 340 | 20.153 | 20.142 | 20.208 | HH | 60522      | 2345641 | 36.45% | 0.718% |
| 341 | 20.230 | 20.208 | 20.237 | HH | 59338      | 1027024 | 15.96% | 0.314% |
| 342 | 20.246 | 20.237 | 20.270 | HH | 59626      | 1164075 | 18.09% | 0.356% |
| 343 | 20.314 | 20.270 | 20.344 | HH | 66562      | 2754369 | 42.80% | 0.843% |
| 344 | 20.363 | 20.344 | 20.395 | HH | 63669      | 1918943 | 29.82% | 0.587% |
| 345 | 20.415 | 20.395 | 20.431 | HH | 64925      | 1384832 | 21.52% | 0.424% |
| 346 | 20.444 | 20.431 | 20.495 | HH | 63336      | 2386158 | 37.07% | 0.730% |
| 347 | 20.518 | 20.495 | 20.556 | HH | 63565      | 2256473 | 35.06% | 0.691% |
| 348 | 20.602 | 20.556 | 20.652 | HH | 74042      | 3642835 | 56.60% | 1.115% |
| 349 | 20.669 | 20.652 | 20.688 | HH | 60627      | 1305738 | 20.29% | 0.400% |
| 350 | 20.699 | 20.688 | 20.721 | HH | 61059      | 1206438 | 18.75% | 0.369% |
| 351 | 20.770 | 20.721 | 20.780 | HH | 62605      | 2161343 | 33.58% | 0.662% |

|     |        |        |        |    | rteres.txt |         |         |        |
|-----|--------|--------|--------|----|------------|---------|---------|--------|
| 352 | 20.800 | 20.780 | 20.818 | HH | 64101      | 1429919 | 22.22%  | 0.438% |
| 353 | 20.825 | 20.818 | 20.843 | HH | 63419      | 938000  | 14.57%  | 0.287% |
| 354 | 20.878 | 20.843 | 20.903 | HH | 63620      | 2276938 | 35.38%  | 0.697% |
| 355 | 20.917 | 20.903 | 20.933 | HH | 63395      | 1117623 | 17.37%  | 0.342% |
| 356 | 20.942 | 20.933 | 21.021 | HH | 62647      | 3235537 | 50.27%  | 0.990% |
| 357 | 21.038 | 21.021 | 21.058 | HH | 59180      | 1279156 | 19.87%  | 0.392% |
| 358 | 21.067 | 21.058 | 21.076 | HH | 58820      | 659543  | 10.25%  | 0.202% |
| 359 | 21.085 | 21.076 | 21.113 | HH | 58784      | 1293618 | 20.10%  | 0.396% |
| 360 | 21.157 | 21.113 | 21.185 | HH | 60354      | 2555034 | 39.70%  | 0.782% |
| 361 | 21.221 | 21.185 | 21.258 | HH | 62206      | 2671133 | 41.50%  | 0.818% |
| 362 | 21.270 | 21.258 | 21.282 | HH | 60375      | 877637  | 13.64%  | 0.269% |
| 363 | 21.288 | 21.282 | 21.412 | HH | 60050      | 4524558 | 70.30%  | 1.385% |
| 364 | 21.428 | 21.412 | 21.459 | HH | 57068      | 1592566 | 24.74%  | 0.487% |
| 365 | 21.470 | 21.459 | 21.474 | HH | 56940      | 524650  | 8.15%   | 0.161% |
| 366 | 21.520 | 21.474 | 21.555 | HH | 57517      | 2774714 | 43.11%  | 0.849% |
| 367 | 21.570 | 21.555 | 21.605 | HH | 57644      | 1694873 | 26.33%  | 0.519% |
| 368 | 21.613 | 21.605 | 21.638 | HH | 56755      | 1131343 | 17.58%  | 0.346% |
| 369 | 21.696 | 21.638 | 21.828 | HH | 59368      | 6436038 | 100.00% | 1.970% |
| 370 | 21.849 | 21.828 | 21.885 | HH | 54518      | 1830149 | 28.44%  | 0.560% |
| 371 | 21.912 | 21.885 | 21.941 | HH | 54069      | 1827672 | 28.40%  | 0.559% |
| 372 | 21.953 | 21.941 | 21.968 | HH | 54341      | 866129  | 13.46%  | 0.265% |
| 373 | 21.974 | 21.968 | 21.989 | HH | 54262      | 676098  | 10.50%  | 0.207% |
| 374 | 22.000 | 21.989 | 22.101 | HH | 53989      | 3600190 | 55.94%  | 1.102% |
| 375 | 22.132 | 22.101 | 22.148 | HH | 53627      | 1499708 | 23.30%  | 0.459% |
| 376 | 22.192 | 22.148 | 22.206 | HH | 54672      | 1867156 | 29.01%  | 0.571% |
| 377 | 22.251 | 22.206 | 22.321 | HH | 55219      | 3723747 | 57.86%  | 1.140% |
| 378 | 22.327 | 22.321 | 22.379 | HH | 51846      | 1756035 | 27.28%  | 0.537% |
| 379 | 22.418 | 22.379 | 22.428 | HH | 51282      | 1508067 | 23.43%  | 0.462% |
| 380 | 22.447 | 22.428 | 22.471 | HH | 51301      | 1305193 | 20.28%  | 0.399% |
| 381 | 22.482 | 22.471 | 22.491 | HH | 51233      | 640511  | 9.95%   | 0.196% |
| 382 | 22.499 | 22.491 | 22.556 | HH | 51359      | 1968379 | 30.58%  | 0.602% |
| 383 | 22.573 | 22.556 | 22.596 | HH | 51272      | 1234071 | 19.17%  | 0.378% |
| 384 | 22.658 | 22.596 | 22.684 | HH | 51389      | 2711746 | 42.13%  | 0.830% |
| 385 | 22.706 | 22.684 | 22.745 | HH | 51795      | 1856352 | 28.84%  | 0.568% |
| 386 | 22.755 | 22.745 | 22.789 | HH | 50747      | 1350973 | 20.99%  | 0.414% |
| 387 | 22.798 | 22.789 | 22.833 | HH | 50289      | 1302346 | 20.24%  | 0.399% |
| 388 | 22.868 | 22.833 | 22.948 | HH | 50594      | 3413136 | 53.03%  | 1.045% |
| 389 | 22.966 | 22.948 | 23.009 | HH | 48304      | 1754644 | 27.26%  | 0.537% |
| 390 | 23.048 | 23.009 | 23.064 | HH | 48989      | 1612160 | 25.05%  | 0.493% |
| 391 | 23.076 | 23.064 | 23.085 | HH | 49160      | 614354  | 9.55%   | 0.188% |
| 392 | 23.097 | 23.085 | 23.165 | HH | 49158      | 2337256 | 36.32%  | 0.715% |
| 393 | 23.195 | 23.165 | 23.205 | HH | 48608      | 1145201 | 17.79%  | 0.351% |
| 394 | 23.228 | 23.205 | 23.271 | HH | 48871      | 1936748 | 30.09%  | 0.593% |
| 395 | 23.301 | 23.271 | 23.328 | HH | 48854      | 1652647 | 25.68%  | 0.506% |
| 396 | 23.335 | 23.328 | 23.385 | HH | 48429      | 1627331 | 25.28%  | 0.498% |
| 397 | 23.392 | 23.385 | 23.488 | HH | 47310      | 2861490 | 44.46%  | 0.876% |
| 398 | 23.503 | 23.488 | 23.516 | HH | 45520      | 745260  | 11.58%  | 0.228% |
| 399 | 23.587 | 23.516 | 23.631 | HH | 46681      | 3196440 | 49.66%  | 0.978% |
| 400 | 23.645 | 23.631 | 23.691 | HH | 46056      | 1646208 | 25.58%  | 0.504% |
| 401 | 23.699 | 23.691 | 23.715 | HH | 45877      | 655281  | 10.18%  | 0.201% |
| 402 | 23.730 | 23.715 | 23.770 | HH | 45834      | 1491525 | 23.17%  | 0.457% |
| 403 | 23.799 | 23.770 | 23.821 | HH | 45547      | 1373073 | 21.33%  | 0.420% |
| 404 | 23.830 | 23.821 | 23.860 | HH | 45437      | 1079414 | 16.77%  | 0.330% |

|     |        |        |        |     |            |         |        |        |
|-----|--------|--------|--------|-----|------------|---------|--------|--------|
|     |        |        |        |     | rteres.txt |         |        |        |
| 405 | 23.871 | 23.860 | 23.889 | HH  | 45515      | 780249  | 12.12% | 0.239% |
| 406 | 23.918 | 23.889 | 23.928 | HH  | 45416      | 1066038 | 16.56% | 0.326% |
| 407 | 23.936 | 23.928 | 24.076 | HH  | 45450      | 3971626 | 61.71% | 1.216% |
| 408 | 24.102 | 24.076 | 24.119 | HH  | 43557      | 1105882 | 17.18% | 0.338% |
| 409 | 24.153 | 24.119 | 24.165 | HH  | 43938      | 1204151 | 18.71% | 0.369% |
| 410 | 24.178 | 24.165 | 24.207 | HH  | 43500      | 1101286 | 17.11% | 0.337% |
| 411 | 24.222 | 24.207 | 24.258 | HH  | 43681      | 1305346 | 20.28% | 0.400% |
| 412 | 24.275 | 24.258 | 24.283 | HH  | 43091      | 666751  | 10.36% | 0.204% |
| 413 | 24.320 | 24.283 | 24.332 | HH  | 43695      | 1258560 | 19.55% | 0.385% |
| 414 | 24.408 | 24.332 | 24.461 | HH  | 44825      | 3424027 | 53.20% | 1.048% |
| 415 | 24.474 | 24.461 | 24.566 | HH  | 44000      | 2722639 | 42.30% | 0.833% |
| 416 | 24.595 | 24.566 | 24.604 | HH  | 43180      | 987881  | 15.35% | 0.302% |
| 417 | 24.624 | 24.604 | 24.639 | HH  | 43366      | 907708  | 14.10% | 0.278% |
| 418 | 24.647 | 24.639 | 24.664 | HH  | 43175      | 637996  | 9.91%  | 0.195% |
| 419 | 24.676 | 24.664 | 24.682 | HH  | 43324      | 478039  | 7.43%  | 0.146% |
| 420 | 24.693 | 24.682 | 24.726 | HH  | 43407      | 1125827 | 17.49% | 0.345% |
| 421 | 24.744 | 24.726 | 24.815 | HH  | 43085      | 2265229 | 35.20% | 0.693% |
| 422 | 24.829 | 24.815 | 24.855 | HH  | 41960      | 1009293 | 15.68% | 0.309% |
| 423 | 24.877 | 24.855 | 24.888 | HH  | 41778      | 833438  | 12.95% | 0.255% |
| 424 | 24.897 | 24.888 | 24.962 | HH  | 41800      | 1836181 | 28.53% | 0.562% |
| 425 | 24.972 | 24.962 | 24.988 | HH  | 41341      | 634383  | 9.86%  | 0.194% |
| 426 | 25.012 | 24.988 | 25.030 | HH  | 41033      | 1041018 | 16.17% | 0.319% |
| 427 | 25.045 | 25.030 | 25.055 | HH  | 41218      | 613025  | 9.52%  | 0.188% |
| 428 | 25.079 | 25.055 | 25.098 | HH  | 41175      | 1060696 | 16.48% | 0.325% |
| 429 | 25.115 | 25.098 | 25.130 | HH  | 41212      | 791132  | 12.29% | 0.242% |
| 430 | 25.153 | 25.130 | 25.165 | HH  | 41462      | 855671  | 13.30% | 0.262% |
| 431 | 25.170 | 25.165 | 25.201 | HH  | 41416      | 897044  | 13.94% | 0.275% |
| 432 | 25.220 | 25.201 | 25.245 | HH  | 41530      | 1084800 | 16.86% | 0.332% |
| 433 | 25.254 | 25.245 | 25.314 | HH  | 41075      | 1696473 | 26.36% | 0.519% |
| 434 | 25.393 | 25.314 | 25.445 | HH  | 41790      | 3248750 | 50.48% | 0.994% |
| 435 | 25.466 | 25.445 | 25.478 | HH  | 41196      | 804323  | 12.50% | 0.246% |
| 436 | 25.490 | 25.478 | 25.501 | HH  | 41063      | 551332  | 8.57%  | 0.169% |
| 437 | 25.513 | 25.501 | 25.536 | HH  | 41296      | 879285  | 13.66% | 0.269% |
| 438 | 25.555 | 25.536 | 25.566 | HH  | 41135      | 728635  | 11.32% | 0.223% |
| 439 | 25.571 | 25.566 | 25.580 | HH  | 41045      | 350108  | 5.44%  | 0.107% |
| 440 | 25.593 | 25.580 | 25.652 | HHA | 41247      | 1791048 | 27.83% | 0.548% |

Sum of corrected areas: 326712222

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