

## Area Percent Report

Data Path : P:\HPCHEM1\FID\_E\Data\FE012918\  
 Data File : FE025961.D  
 Signal(s) : FID1B.CH  
 Acq On : 29 Jan 2018 17:57  
 Sample : J1328-02 10X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID\_E\methods\C44-FE012918.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         | 2.415       | 2.401        | 2.425      | PH       | 230            | 1625         | 0.03%          | 0.001%        |
| 2         | 2.434       | 2.425        | 2.441      | PH       | 156            | 601          | 0.01%          | 0.000%        |
| 3         | 2.445       | 2.441        | 2.450      | HH       | 163            | 502          | 0.01%          | 0.000%        |
| 4         | 2.467       | 2.450        | 2.506      | PH       | 1125           | 10558        | 0.19%          | 0.004%        |
| 5         | 2.510       | 2.506        | 2.521      | PH       | 112            | 129          | 0.00%          | 0.000%        |
| 6         | 2.525       | 2.521        | 2.529      | PH       | 202            | 309          | 0.01%          | 0.000%        |
| 7         | 2.535       | 2.529        | 2.561      | HH       | 331            | 2291         | 0.04%          | 0.001%        |
| 8         | 2.564       | 2.561        | 2.569      | HH       | 47             | 118          | 0.00%          | 0.000%        |
| 9         | 2.584       | 2.569        | 2.592      | PH       | 270            | 1470         | 0.03%          | 0.001%        |
| 10        | 2.601       | 2.592        | 2.616      | PH       | 121            | 645          | 0.01%          | 0.000%        |
| 11        | 2.621       | 2.616        | 2.636      | PH       | 118            | 431          | 0.01%          | 0.000%        |
| 12        | 2.645       | 2.636        | 2.655      | PH       | 103            | 843          | 0.02%          | 0.000%        |
| 13        | 2.671       | 2.655        | 2.678      | HH       | 297            | 2148         | 0.04%          | 0.001%        |
| 14        | 2.682       | 2.678        | 2.689      | HH       | 211            | 1194         | 0.02%          | 0.000%        |
| 15        | 2.702       | 2.689        | 2.711      | HH       | 667            | 6068         | 0.11%          | 0.003%        |
| 16        | 2.722       | 2.711        | 2.745      | HH       | 1078           | 12329        | 0.22%          | 0.005%        |
| 17        | 2.749       | 2.745        | 2.758      | HH       | 370            | 1964         | 0.04%          | 0.001%        |
| 18        | 2.766       | 2.758        | 2.775      | HH       | 300            | 2800         | 0.05%          | 0.001%        |
| 19        | 2.792       | 2.775        | 2.796      | HH       | 402            | 3891         | 0.07%          | 0.002%        |
| 20        | 2.801       | 2.796        | 2.810      | HH       | 491            | 2783         | 0.05%          | 0.001%        |
| 21        | 2.814       | 2.810        | 2.819      | HH       | 333            | 1711         | 0.03%          | 0.001%        |
| 22        | 2.825       | 2.819        | 2.835      | HH       | 391            | 2922         | 0.05%          | 0.001%        |
| 23        | 2.847       | 2.835        | 2.866      | HH       | 513            | 7062         | 0.13%          | 0.003%        |
| 24        | 2.872       | 2.866        | 2.883      | HH       | 542            | 4332         | 0.08%          | 0.002%        |
| 25        | 2.888       | 2.883        | 2.897      | HH       | 596            | 3773         | 0.07%          | 0.002%        |
| 26        | 2.901       | 2.897        | 2.907      | HH       | 444            | 2444         | 0.04%          | 0.001%        |
| 27        | 2.910       | 2.907        | 2.915      | HH       | 604            | 1971         | 0.04%          | 0.001%        |
| 28        | 2.940       | 2.915        | 2.949      | HH       | 615            | 9550         | 0.17%          | 0.004%        |
| 29        | 2.953       | 2.949        | 2.968      | HH       | 543            | 5370         | 0.10%          | 0.002%        |
| 30        | 2.978       | 2.968        | 2.991      | HH       | 596            | 6783         | 0.12%          | 0.003%        |
| 31        | 2.995       | 2.991        | 3.000      | HH       | 670            | 2965         | 0.05%          | 0.001%        |
| 32        | 3.030       | 3.000        | 3.057      | HH       | 751            | 19474        | 0.35%          | 0.008%        |
| 33        | 3.061       | 3.057        | 3.078      | HH       | 589            | 6989         | 0.13%          | 0.003%        |
| 34        | 3.084       | 3.078        | 3.091      | HH       | 676            | 4549         | 0.08%          | 0.002%        |
| 35        | 3.097       | 3.091        | 3.131      | HH       | 752            | 15200        | 0.28%          | 0.006%        |
| 36        | 3.137       | 3.131        | 3.151      | HH       | 745            | 7356         | 0.13%          | 0.003%        |

| rteres.txt |       |       |       |    |      |       |       |        |
|------------|-------|-------|-------|----|------|-------|-------|--------|
| 37         | 3.158 | 3.151 | 3.165 | HH | 706  | 5141  | 0.09% | 0.002% |
| 38         | 3.171 | 3.165 | 3.177 | HH | 721  | 4745  | 0.09% | 0.002% |
| 39         | 3.182 | 3.177 | 3.186 | HH | 702  | 3353  | 0.06% | 0.001% |
| 40         | 3.190 | 3.186 | 3.194 | HH | 707  | 3036  | 0.05% | 0.001% |
|            |       |       |       |    |      |       |       |        |
| 41         | 3.204 | 3.194 | 3.216 | HH | 743  | 8816  | 0.16% | 0.004% |
| 42         | 3.222 | 3.216 | 3.238 | HH | 727  | 9626  | 0.17% | 0.004% |
| 43         | 3.242 | 3.238 | 3.251 | HH | 817  | 5551  | 0.10% | 0.002% |
| 44         | 3.258 | 3.251 | 3.270 | HH | 890  | 8532  | 0.15% | 0.004% |
| 45         | 3.278 | 3.270 | 3.314 | HH | 888  | 20380 | 0.37% | 0.009% |
|            |       |       |       |    |      |       |       |        |
| 46         | 3.318 | 3.314 | 3.328 | HH | 877  | 6675  | 0.12% | 0.003% |
| 47         | 3.333 | 3.328 | 3.342 | HH | 981  | 7299  | 0.13% | 0.003% |
| 48         | 3.347 | 3.342 | 3.358 | HH | 865  | 7810  | 0.14% | 0.003% |
| 49         | 3.361 | 3.358 | 3.367 | HH | 1130 | 4783  | 0.09% | 0.002% |
| 50         | 3.387 | 3.367 | 3.391 | HH | 968  | 11439 | 0.21% | 0.005% |
|            |       |       |       |    |      |       |       |        |
| 51         | 3.400 | 3.391 | 3.405 | HH | 1053 | 7041  | 0.13% | 0.003% |
| 52         | 3.420 | 3.405 | 3.439 | HH | 991  | 18272 | 0.33% | 0.008% |
| 53         | 3.462 | 3.439 | 3.484 | HH | 1765 | 32938 | 0.60% | 0.014% |
| 54         | 3.488 | 3.484 | 3.492 | HH | 1084 | 4825  | 0.09% | 0.002% |
| 55         | 3.497 | 3.492 | 3.509 | HH | 1043 | 9808  | 0.18% | 0.004% |
|            |       |       |       |    |      |       |       |        |
| 56         | 3.529 | 3.509 | 3.540 | HH | 1100 | 18836 | 0.34% | 0.008% |
| 57         | 3.544 | 3.540 | 3.552 | HH | 1036 | 7418  | 0.13% | 0.003% |
| 58         | 3.558 | 3.552 | 3.570 | HH | 1173 | 11422 | 0.21% | 0.005% |
| 59         | 3.581 | 3.570 | 3.596 | HH | 1170 | 16404 | 0.30% | 0.007% |
| 60         | 3.622 | 3.596 | 3.628 | HH | 1248 | 21437 | 0.39% | 0.009% |
|            |       |       |       |    |      |       |       |        |
| 61         | 3.641 | 3.628 | 3.647 | HH | 1333 | 13850 | 0.25% | 0.006% |
| 62         | 3.651 | 3.647 | 3.664 | HH | 1253 | 12121 | 0.22% | 0.005% |
| 63         | 3.669 | 3.664 | 3.681 | HH | 1272 | 12016 | 0.22% | 0.005% |
| 64         | 3.685 | 3.681 | 3.689 | HH | 1340 | 5522  | 0.10% | 0.002% |
| 65         | 3.694 | 3.689 | 3.698 | HH | 1260 | 6597  | 0.12% | 0.003% |
|            |       |       |       |    |      |       |       |        |
| 66         | 3.702 | 3.698 | 3.706 | HH | 1281 | 5974  | 0.11% | 0.002% |
| 67         | 3.724 | 3.706 | 3.734 | HH | 1349 | 21150 | 0.38% | 0.009% |
| 68         | 3.738 | 3.734 | 3.746 | HH | 1461 | 9239  | 0.17% | 0.004% |
| 69         | 3.755 | 3.746 | 3.773 | HH | 1680 | 23600 | 0.43% | 0.010% |
| 70         | 3.783 | 3.773 | 3.794 | HH | 1379 | 16085 | 0.29% | 0.007% |
|            |       |       |       |    |      |       |       |        |
| 71         | 3.807 | 3.794 | 3.826 | HH | 1430 | 25912 | 0.47% | 0.011% |
| 72         | 3.836 | 3.826 | 3.848 | HH | 1455 | 17679 | 0.32% | 0.007% |
| 73         | 3.866 | 3.848 | 3.871 | HH | 1456 | 17744 | 0.32% | 0.007% |
| 74         | 3.886 | 3.871 | 3.900 | HH | 1472 | 23824 | 0.43% | 0.010% |
| 75         | 3.906 | 3.900 | 3.921 | HH | 1429 | 17082 | 0.31% | 0.007% |
|            |       |       |       |    |      |       |       |        |
| 76         | 3.927 | 3.921 | 3.935 | HH | 1575 | 12101 | 0.22% | 0.005% |
| 77         | 3.941 | 3.935 | 3.949 | HH | 1475 | 11426 | 0.21% | 0.005% |
| 78         | 3.955 | 3.949 | 3.965 | HH | 1495 | 12955 | 0.23% | 0.005% |
| 79         | 3.969 | 3.965 | 3.974 | HH | 1502 | 8135  | 0.15% | 0.003% |
| 80         | 3.983 | 3.974 | 3.988 | HH | 1510 | 11922 | 0.22% | 0.005% |
|            |       |       |       |    |      |       |       |        |
| 81         | 3.995 | 3.988 | 4.001 | HH | 1561 | 11224 | 0.20% | 0.005% |
| 82         | 4.009 | 4.001 | 4.021 | HH | 1613 | 18511 | 0.34% | 0.008% |
| 83         | 4.036 | 4.021 | 4.061 | HH | 1679 | 37478 | 0.68% | 0.016% |
| 84         | 4.072 | 4.061 | 4.082 | HH | 1727 | 20326 | 0.37% | 0.008% |
| 85         | 4.087 | 4.082 | 4.099 | HH | 1686 | 16630 | 0.30% | 0.007% |
|            |       |       |       |    |      |       |       |        |
| 86         | 4.108 | 4.099 | 4.112 | HH | 1625 | 12403 | 0.22% | 0.005% |
| 87         | 4.139 | 4.112 | 4.157 | HH | 1992 | 47142 | 0.85% | 0.020% |
| 88         | 4.169 | 4.157 | 4.173 | HH | 1781 | 16405 | 0.30% | 0.007% |
| 89         | 4.180 | 4.173 | 4.185 | HH | 1759 | 11748 | 0.21% | 0.005% |

|            |       |       |       |    |      |       |       |        |
|------------|-------|-------|-------|----|------|-------|-------|--------|
| rteres.txt |       |       |       |    |      |       |       |        |
| 90         | 4.201 | 4.185 | 4.215 | HH | 1865 | 32144 | 0.58% | 0.013% |
| 91         | 4.218 | 4.215 | 4.225 | HH | 1864 | 10942 | 0.20% | 0.005% |
| 92         | 4.237 | 4.225 | 4.244 | HH | 1964 | 21136 | 0.38% | 0.009% |
| 93         | 4.252 | 4.244 | 4.260 | HH | 1936 | 18424 | 0.33% | 0.008% |
| 94         | 4.269 | 4.260 | 4.275 | HH | 2015 | 16555 | 0.30% | 0.007% |
| 95         | 4.284 | 4.275 | 4.294 | HH | 1995 | 22110 | 0.40% | 0.009% |
| 96         | 4.298 | 4.294 | 4.305 | HH | 1980 | 12780 | 0.23% | 0.005% |
| 97         | 4.319 | 4.305 | 4.337 | HH | 2052 | 37222 | 0.67% | 0.016% |
| 98         | 4.342 | 4.337 | 4.358 | HH | 2076 | 24891 | 0.45% | 0.010% |
| 99         | 4.376 | 4.358 | 4.386 | HH | 2078 | 33004 | 0.60% | 0.014% |
| 100        | 4.389 | 4.386 | 4.396 | HH | 2169 | 13293 | 0.24% | 0.006% |
| 101        | 4.404 | 4.396 | 4.408 | HH | 2133 | 14474 | 0.26% | 0.006% |
| 102        | 4.413 | 4.408 | 4.417 | HH | 2150 | 11492 | 0.21% | 0.005% |
| 103        | 4.432 | 4.417 | 4.450 | HH | 2238 | 41684 | 0.75% | 0.017% |
| 104        | 4.467 | 4.450 | 4.476 | HH | 2172 | 32488 | 0.59% | 0.014% |
| 105        | 4.483 | 4.476 | 4.488 | HH | 2188 | 16040 | 0.29% | 0.007% |
| 106        | 4.493 | 4.488 | 4.500 | HH | 2219 | 15399 | 0.28% | 0.006% |
| 107        | 4.516 | 4.500 | 4.537 | HH | 3983 | 65886 | 1.19% | 0.028% |
| 108        | 4.547 | 4.537 | 4.561 | HH | 2544 | 33934 | 0.61% | 0.014% |
| 109        | 4.568 | 4.561 | 4.572 | HH | 2435 | 14704 | 0.27% | 0.006% |
| 110        | 4.577 | 4.572 | 4.589 | HH | 2385 | 23604 | 0.43% | 0.010% |
| 111        | 4.607 | 4.589 | 4.628 | HH | 2594 | 55516 | 1.01% | 0.023% |
| 112        | 4.635 | 4.628 | 4.650 | HH | 2451 | 31244 | 0.57% | 0.013% |
| 113        | 4.656 | 4.650 | 4.666 | HH | 2468 | 22647 | 0.41% | 0.009% |
| 114        | 4.672 | 4.666 | 4.701 | HH | 2489 | 50909 | 0.92% | 0.021% |
| 115        | 4.721 | 4.701 | 4.730 | HH | 2496 | 41598 | 0.75% | 0.017% |
| 116        | 4.732 | 4.730 | 4.740 | HH | 2541 | 14401 | 0.26% | 0.006% |
| 117        | 4.749 | 4.740 | 4.755 | HH | 2543 | 21560 | 0.39% | 0.009% |
| 118        | 4.768 | 4.755 | 4.778 | HH | 2425 | 33077 | 0.60% | 0.014% |
| 119        | 4.786 | 4.778 | 4.790 | HH | 2437 | 16819 | 0.30% | 0.007% |
| 120        | 4.810 | 4.790 | 4.815 | HH | 2485 | 36177 | 0.66% | 0.015% |
| 121        | 4.846 | 4.815 | 4.858 | HH | 2579 | 63938 | 1.16% | 0.027% |
| 122        | 4.862 | 4.858 | 4.866 | HH | 2487 | 11918 | 0.22% | 0.005% |
| 123        | 4.873 | 4.866 | 4.883 | HH | 2692 | 26787 | 0.49% | 0.011% |
| 124        | 4.888 | 4.883 | 4.901 | HH | 2600 | 26338 | 0.48% | 0.011% |
| 125        | 4.910 | 4.901 | 4.918 | HH | 2588 | 26279 | 0.48% | 0.011% |
| 126        | 4.930 | 4.918 | 4.939 | HH | 2540 | 30548 | 0.55% | 0.013% |
| 127        | 4.950 | 4.939 | 4.969 | HH | 2581 | 43967 | 0.80% | 0.018% |
| 128        | 4.977 | 4.969 | 4.982 | HH | 2632 | 20792 | 0.38% | 0.009% |
| 129        | 4.985 | 4.982 | 4.991 | HH | 2602 | 13756 | 0.25% | 0.006% |
| 130        | 4.996 | 4.991 | 5.000 | HH | 2546 | 12986 | 0.24% | 0.005% |
| 131        | 5.003 | 5.000 | 5.014 | HH | 2689 | 21576 | 0.39% | 0.009% |
| 132        | 5.020 | 5.014 | 5.041 | HH | 2662 | 41305 | 0.75% | 0.017% |
| 133        | 5.045 | 5.041 | 5.061 | HH | 2660 | 30786 | 0.56% | 0.013% |
| 134        | 5.069 | 5.061 | 5.082 | HH | 2694 | 33933 | 0.61% | 0.014% |
| 135        | 5.089 | 5.082 | 5.100 | HH | 2751 | 29002 | 0.53% | 0.012% |
| 136        | 5.113 | 5.100 | 5.120 | HH | 2767 | 31174 | 0.56% | 0.013% |
| 137        | 5.126 | 5.120 | 5.141 | HH | 2831 | 35416 | 0.64% | 0.015% |
| 138        | 5.150 | 5.141 | 5.154 | HH | 2832 | 20969 | 0.38% | 0.009% |
| 139        | 5.159 | 5.154 | 5.167 | HH | 2888 | 22142 | 0.40% | 0.009% |
| 140        | 5.172 | 5.167 | 5.190 | HH | 2881 | 37347 | 0.68% | 0.016% |
| 141        | 5.198 | 5.190 | 5.207 | HH | 2773 | 26741 | 0.48% | 0.011% |

| rteres.txt |       |       |       |    |      |        |       |        |
|------------|-------|-------|-------|----|------|--------|-------|--------|
| 142        | 5.213 | 5.207 | 5.226 | HH | 2844 | 32639  | 0.59% | 0.014% |
| 143        | 5.232 | 5.226 | 5.246 | HH | 2765 | 32812  | 0.59% | 0.014% |
| 144        | 5.250 | 5.246 | 5.256 | HH | 2963 | 16451  | 0.30% | 0.007% |
| 145        | 5.282 | 5.256 | 5.286 | HH | 2890 | 50076  | 0.91% | 0.021% |
|            |       |       |       |    |      |        |       |        |
| 146        | 5.301 | 5.286 | 5.334 | HH | 3030 | 84300  | 1.53% | 0.035% |
| 147        | 5.338 | 5.334 | 5.343 | HH | 3019 | 16506  | 0.30% | 0.007% |
| 148        | 5.351 | 5.343 | 5.360 | HH | 2923 | 28752  | 0.52% | 0.012% |
| 149        | 5.371 | 5.360 | 5.376 | HH | 2944 | 28655  | 0.52% | 0.012% |
| 150        | 5.380 | 5.376 | 5.389 | HH | 2894 | 21760  | 0.39% | 0.009% |
|            |       |       |       |    |      |        |       |        |
| 151        | 5.409 | 5.389 | 5.420 | HH | 3111 | 55585  | 1.01% | 0.023% |
| 152        | 5.431 | 5.420 | 5.464 | HH | 3219 | 81234  | 1.47% | 0.034% |
| 153        | 5.480 | 5.464 | 5.504 | HH | 3180 | 74149  | 1.34% | 0.031% |
| 154        | 5.514 | 5.504 | 5.523 | HH | 3177 | 35540  | 0.64% | 0.015% |
| 155        | 5.548 | 5.523 | 5.576 | HH | 5143 | 120428 | 2.18% | 0.050% |
|            |       |       |       |    |      |        |       |        |
| 156        | 5.582 | 5.576 | 5.593 | HH | 3302 | 32179  | 0.58% | 0.013% |
| 157        | 5.599 | 5.593 | 5.605 | HH | 3333 | 22521  | 0.41% | 0.009% |
| 158        | 5.611 | 5.605 | 5.630 | HH | 3339 | 47775  | 0.87% | 0.020% |
| 159        | 5.640 | 5.630 | 5.646 | HH | 3364 | 30440  | 0.55% | 0.013% |
| 160        | 5.651 | 5.646 | 5.662 | HH | 3263 | 32210  | 0.58% | 0.013% |
|            |       |       |       |    |      |        |       |        |
| 161        | 5.677 | 5.662 | 5.683 | HH | 3405 | 41170  | 0.75% | 0.017% |
| 162        | 5.687 | 5.683 | 5.705 | HH | 3377 | 42999  | 0.78% | 0.018% |
| 163        | 5.709 | 5.705 | 5.721 | HH | 3355 | 32465  | 0.59% | 0.014% |
| 164        | 5.729 | 5.721 | 5.737 | HH | 3355 | 30880  | 0.56% | 0.013% |
| 165        | 5.753 | 5.737 | 5.762 | HH | 3430 | 50775  | 0.92% | 0.021% |
|            |       |       |       |    |      |        |       |        |
| 166        | 5.771 | 5.762 | 5.776 | HH | 3490 | 27882  | 0.50% | 0.012% |
| 167        | 5.780 | 5.776 | 5.794 | HH | 3446 | 36240  | 0.66% | 0.015% |
| 168        | 5.798 | 5.794 | 5.802 | HH | 3460 | 17659  | 0.32% | 0.007% |
| 169        | 5.807 | 5.802 | 5.819 | HH | 3460 | 34273  | 0.62% | 0.014% |
| 170        | 5.825 | 5.819 | 5.835 | HH | 3518 | 32525  | 0.59% | 0.014% |
|            |       |       |       |    |      |        |       |        |
| 171        | 5.841 | 5.835 | 5.868 | HH | 3524 | 69809  | 1.26% | 0.029% |
| 172        | 5.873 | 5.868 | 5.878 | HH | 3475 | 19813  | 0.36% | 0.008% |
| 173        | 5.885 | 5.878 | 5.891 | HH | 3553 | 27625  | 0.50% | 0.012% |
| 174        | 5.897 | 5.891 | 5.928 | HH | 3619 | 77202  | 1.40% | 0.032% |
| 175        | 5.935 | 5.928 | 5.941 | HH | 3571 | 28183  | 0.51% | 0.012% |
|            |       |       |       |    |      |        |       |        |
| 176        | 5.946 | 5.941 | 5.956 | HH | 3647 | 32007  | 0.58% | 0.013% |
| 177        | 5.962 | 5.956 | 5.971 | HH | 3743 | 32754  | 0.59% | 0.014% |
| 178        | 5.975 | 5.971 | 5.988 | HH | 3816 | 36432  | 0.66% | 0.015% |
| 179        | 5.991 | 5.988 | 6.005 | HH | 3704 | 36701  | 0.66% | 0.015% |
| 180        | 6.014 | 6.005 | 6.019 | HH | 3749 | 32433  | 0.59% | 0.014% |
|            |       |       |       |    |      |        |       |        |
| 181        | 6.040 | 6.019 | 6.045 | HH | 3891 | 56699  | 1.03% | 0.024% |
| 182        | 6.047 | 6.045 | 6.053 | HH | 3778 | 18311  | 0.33% | 0.008% |
| 183        | 6.065 | 6.053 | 6.101 | HH | 3898 | 109171 | 1.98% | 0.046% |
| 184        | 6.106 | 6.101 | 6.118 | HH | 3924 | 40440  | 0.73% | 0.017% |
| 185        | 6.135 | 6.118 | 6.141 | HH | 3958 | 51832  | 0.94% | 0.022% |
|            |       |       |       |    |      |        |       |        |
| 186        | 6.146 | 6.141 | 6.150 | HH | 3959 | 22649  | 0.41% | 0.009% |
| 187        | 6.157 | 6.150 | 6.160 | HH | 3971 | 22214  | 0.40% | 0.009% |
| 188        | 6.168 | 6.160 | 6.173 | HH | 4080 | 31281  | 0.57% | 0.013% |
| 189        | 6.180 | 6.173 | 6.186 | HH | 4144 | 31862  | 0.58% | 0.013% |
| 190        | 6.218 | 6.186 | 6.227 | HH | 4278 | 101723 | 1.84% | 0.043% |
|            |       |       |       |    |      |        |       |        |
| 191        | 6.239 | 6.227 | 6.268 | HH | 4589 | 107973 | 1.96% | 0.045% |
| 192        | 6.273 | 6.268 | 6.286 | HH | 4253 | 46709  | 0.85% | 0.020% |
| 193        | 6.291 | 6.286 | 6.316 | HH | 4256 | 73579  | 1.33% | 0.031% |
| 194        | 6.325 | 6.316 | 6.335 | HH | 4171 | 47104  | 0.85% | 0.020% |

|     |       |       |       |    |            |        |       |        |
|-----|-------|-------|-------|----|------------|--------|-------|--------|
|     |       |       |       |    | rteres.txt |        |       |        |
| 195 | 6.349 | 6.335 | 6.361 | HH | 4197       | 64483  | 1.17% | 0.027% |
| 196 | 6.375 | 6.361 | 6.381 | HH | 4184       | 49383  | 0.89% | 0.021% |
| 197 | 6.404 | 6.381 | 6.411 | HH | 4230       | 74426  | 1.35% | 0.031% |
| 198 | 6.413 | 6.411 | 6.417 | HH | 4236       | 14938  | 0.27% | 0.006% |
| 199 | 6.426 | 6.417 | 6.431 | HH | 4279       | 36480  | 0.66% | 0.015% |
| 200 | 6.448 | 6.431 | 6.461 | HH | 4353       | 76181  | 1.38% | 0.032% |
| 201 | 6.467 | 6.461 | 6.475 | HH | 4309       | 37154  | 0.67% | 0.016% |
| 202 | 6.484 | 6.475 | 6.492 | HH | 4405       | 43722  | 0.79% | 0.018% |
| 203 | 6.528 | 6.492 | 6.570 | HH | 5747       | 215484 | 3.90% | 0.090% |
| 204 | 6.576 | 6.570 | 6.594 | HH | 4395       | 64225  | 1.16% | 0.027% |
| 205 | 6.618 | 6.594 | 6.633 | HH | 4436       | 101348 | 1.84% | 0.042% |
| 206 | 6.658 | 6.633 | 6.663 | HH | 4550       | 77938  | 1.41% | 0.033% |
| 207 | 6.669 | 6.663 | 6.691 | HH | 4503       | 74540  | 1.35% | 0.031% |
| 208 | 6.696 | 6.691 | 6.701 | HH | 4490       | 26587  | 0.48% | 0.011% |
| 209 | 6.707 | 6.701 | 6.717 | HH | 4592       | 42295  | 0.77% | 0.018% |
| 210 | 6.722 | 6.717 | 6.728 | HH | 4507       | 29455  | 0.53% | 0.012% |
| 211 | 6.734 | 6.728 | 6.739 | HH | 4521       | 31144  | 0.56% | 0.013% |
| 212 | 6.753 | 6.739 | 6.764 | HH | 4576       | 65972  | 1.19% | 0.028% |
| 213 | 6.790 | 6.764 | 6.805 | HH | 4647       | 111801 | 2.02% | 0.047% |
| 214 | 6.809 | 6.805 | 6.813 | HH | 4602       | 22660  | 0.41% | 0.009% |
| 215 | 6.836 | 6.813 | 6.852 | HH | 4711       | 104437 | 1.89% | 0.044% |
| 216 | 6.868 | 6.852 | 6.876 | HH | 4725       | 68085  | 1.23% | 0.028% |
| 217 | 6.889 | 6.876 | 6.896 | HH | 4750       | 55589  | 1.01% | 0.023% |
| 218 | 6.901 | 6.896 | 6.916 | HH | 4782       | 56885  | 1.03% | 0.024% |
| 219 | 6.920 | 6.916 | 6.926 | HH | 4802       | 28343  | 0.51% | 0.012% |
| 220 | 6.929 | 6.926 | 6.954 | HH | 4790       | 80083  | 1.45% | 0.033% |
| 221 | 6.960 | 6.954 | 6.983 | HH | 4824       | 81871  | 1.48% | 0.034% |
| 222 | 6.991 | 6.983 | 7.023 | HH | 4839       | 112945 | 2.05% | 0.047% |
| 223 | 7.050 | 7.023 | 7.054 | HH | 4910       | 91627  | 1.66% | 0.038% |
| 224 | 7.059 | 7.054 | 7.065 | HH | 4924       | 32138  | 0.58% | 0.013% |
| 225 | 7.080 | 7.065 | 7.094 | HH | 5008       | 84938  | 1.54% | 0.036% |
| 226 | 7.104 | 7.094 | 7.130 | HH | 5091       | 107690 | 1.95% | 0.045% |
| 227 | 7.137 | 7.130 | 7.149 | HH | 5156       | 55344  | 1.00% | 0.023% |
| 228 | 7.157 | 7.149 | 7.164 | HH | 5084       | 44244  | 0.80% | 0.018% |
| 229 | 7.201 | 7.164 | 7.210 | HH | 5093       | 138506 | 2.51% | 0.058% |
| 230 | 7.217 | 7.210 | 7.221 | HH | 5185       | 34874  | 0.63% | 0.015% |
| 231 | 7.236 | 7.221 | 7.243 | HH | 5213       | 66301  | 1.20% | 0.028% |
| 232 | 7.245 | 7.243 | 7.260 | HH | 5179       | 54336  | 0.98% | 0.023% |
| 233 | 7.270 | 7.260 | 7.292 | HH | 5342       | 99043  | 1.79% | 0.041% |
| 234 | 7.296 | 7.292 | 7.301 | HH | 5284       | 29180  | 0.53% | 0.012% |
| 235 | 7.314 | 7.301 | 7.321 | HH | 5412       | 63984  | 1.16% | 0.027% |
| 236 | 7.346 | 7.321 | 7.379 | HH | 5593       | 188854 | 3.42% | 0.079% |
| 237 | 7.384 | 7.379 | 7.396 | HH | 5579       | 56315  | 1.02% | 0.024% |
| 238 | 7.400 | 7.396 | 7.405 | HH | 5549       | 29289  | 0.53% | 0.012% |
| 239 | 7.410 | 7.405 | 7.433 | HH | 5530       | 90618  | 1.64% | 0.038% |
| 240 | 7.438 | 7.433 | 7.444 | HH | 5543       | 39149  | 0.71% | 0.016% |
| 241 | 7.456 | 7.444 | 7.464 | HH | 5665       | 65629  | 1.19% | 0.027% |
| 242 | 7.469 | 7.464 | 7.478 | HH | 5673       | 48017  | 0.87% | 0.020% |
| 243 | 7.489 | 7.478 | 7.494 | HH | 5590       | 53103  | 0.96% | 0.022% |
| 244 | 7.521 | 7.494 | 7.561 | HH | 5690       | 224643 | 4.07% | 0.094% |
| 245 | 7.569 | 7.561 | 7.588 | HH | 5668       | 89762  | 1.63% | 0.038% |
| 246 | 7.594 | 7.588 | 7.601 | HH | 5812       | 46463  | 0.84% | 0.019% |

|     |       |       |       |    |            |        |       |        |
|-----|-------|-------|-------|----|------------|--------|-------|--------|
|     |       |       |       |    | rteres.txt |        |       |        |
| 247 | 7.617 | 7.601 | 7.632 | HH | 5829       | 105786 | 1.92% | 0.044% |
| 248 | 7.637 | 7.632 | 7.646 | HH | 5852       | 48361  | 0.88% | 0.020% |
| 249 | 7.670 | 7.646 | 7.684 | HH | 5799       | 131954 | 2.39% | 0.055% |
| 250 | 7.709 | 7.684 | 7.714 | HH | 5888       | 103717 | 1.88% | 0.043% |
| 251 | 7.718 | 7.714 | 7.721 | HH | 5854       | 23680  | 0.43% | 0.010% |
| 252 | 7.744 | 7.721 | 7.763 | HH | 5969       | 149736 | 2.71% | 0.063% |
| 253 | 7.772 | 7.763 | 7.778 | HH | 6027       | 50784  | 0.92% | 0.021% |
| 254 | 7.798 | 7.778 | 7.804 | HH | 6168       | 94247  | 1.71% | 0.039% |
| 255 | 7.856 | 7.804 | 7.894 | HH | 7220       | 355382 | 6.44% | 0.149% |
| 256 | 7.900 | 7.894 | 7.904 | HH | 6234       | 37574  | 0.68% | 0.016% |
| 257 | 7.922 | 7.904 | 7.936 | HH | 6354       | 117245 | 2.12% | 0.049% |
| 258 | 7.941 | 7.936 | 7.968 | HH | 6250       | 118423 | 2.14% | 0.049% |
| 259 | 7.979 | 7.968 | 7.993 | HH | 6249       | 92524  | 1.68% | 0.039% |
| 260 | 7.997 | 7.993 | 8.003 | HH | 6193       | 36799  | 0.67% | 0.015% |
| 261 | 8.008 | 8.003 | 8.013 | HH | 6264       | 37516  | 0.68% | 0.016% |
| 262 | 8.024 | 8.013 | 8.029 | HH | 6302       | 59138  | 1.07% | 0.025% |
| 263 | 8.041 | 8.029 | 8.048 | HH | 6319       | 72375  | 1.31% | 0.030% |
| 264 | 8.065 | 8.048 | 8.085 | HH | 6384       | 141537 | 2.56% | 0.059% |
| 265 | 8.102 | 8.085 | 8.110 | HH | 6408       | 94441  | 1.71% | 0.039% |
| 266 | 8.132 | 8.110 | 8.161 | HH | 6594       | 198914 | 3.60% | 0.083% |
| 267 | 8.167 | 8.161 | 8.188 | HH | 6603       | 105282 | 1.91% | 0.044% |
| 268 | 8.198 | 8.188 | 8.207 | HH | 6838       | 77243  | 1.40% | 0.032% |
| 269 | 8.228 | 8.207 | 8.269 | HH | 7129       | 257301 | 4.66% | 0.108% |
| 270 | 8.279 | 8.269 | 8.289 | HH | 6759       | 81203  | 1.47% | 0.034% |
| 271 | 8.321 | 8.289 | 8.363 | HH | 9363       | 325908 | 5.90% | 0.136% |
| 272 | 8.366 | 8.363 | 8.384 | HH | 6792       | 86284  | 1.56% | 0.036% |
| 273 | 8.392 | 8.384 | 8.399 | HH | 6853       | 61795  | 1.12% | 0.026% |
| 274 | 8.404 | 8.399 | 8.414 | HH | 6829       | 61650  | 1.12% | 0.026% |
| 275 | 8.431 | 8.414 | 8.521 | HH | 9020       | 499642 | 9.05% | 0.209% |
| 276 | 8.524 | 8.521 | 8.539 | HH | 7199       | 78536  | 1.42% | 0.033% |
| 277 | 8.544 | 8.539 | 8.549 | HH | 7057       | 41429  | 0.75% | 0.017% |
| 278 | 8.564 | 8.549 | 8.578 | HH | 7200       | 123736 | 2.24% | 0.052% |
| 279 | 8.582 | 8.578 | 8.587 | HH | 7042       | 37247  | 0.67% | 0.016% |
| 280 | 8.607 | 8.587 | 8.623 | HH | 7165       | 151231 | 2.74% | 0.063% |
| 281 | 8.643 | 8.623 | 8.648 | HH | 7153       | 104671 | 1.90% | 0.044% |
| 282 | 8.652 | 8.648 | 8.667 | HH | 7088       | 80630  | 1.46% | 0.034% |
| 283 | 8.672 | 8.667 | 8.675 | HH | 7118       | 33666  | 0.61% | 0.014% |
| 284 | 8.680 | 8.675 | 8.686 | HH | 7159       | 47054  | 0.85% | 0.020% |
| 285 | 8.693 | 8.686 | 8.700 | HH | 7203       | 63099  | 1.14% | 0.026% |
| 286 | 8.706 | 8.700 | 8.710 | HH | 7185       | 41905  | 0.76% | 0.018% |
| 287 | 8.717 | 8.710 | 8.726 | HH | 7264       | 65692  | 1.19% | 0.027% |
| 288 | 8.732 | 8.726 | 8.736 | HH | 7435       | 47132  | 0.85% | 0.020% |
| 289 | 8.743 | 8.736 | 8.752 | HH | 7504       | 72004  | 1.30% | 0.030% |
| 290 | 8.776 | 8.752 | 8.789 | HH | 7582       | 165690 | 3.00% | 0.069% |
| 291 | 8.808 | 8.789 | 8.829 | HH | 7515       | 177978 | 3.22% | 0.074% |
| 292 | 8.854 | 8.829 | 8.889 | HH | 8252       | 271590 | 4.92% | 0.114% |
| 293 | 8.907 | 8.889 | 8.917 | HH | 7654       | 128342 | 2.32% | 0.054% |
| 294 | 8.939 | 8.917 | 8.957 | HH | 7674       | 179698 | 3.25% | 0.075% |
| 295 | 8.981 | 8.957 | 8.985 | HH | 7708       | 124281 | 2.25% | 0.052% |
| 296 | 8.992 | 8.985 | 8.995 | HH | 7750       | 49762  | 0.90% | 0.021% |
| 297 | 9.002 | 8.995 | 9.017 | HH | 7884       | 102729 | 1.86% | 0.043% |
| 298 | 9.052 | 9.017 | 9.109 | HH | 9126       | 458567 | 8.30% | 0.192% |
| 299 | 9.141 | 9.109 | 9.184 | HH | 11257      | 389118 | 7.05% | 0.163% |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 300 | 9.224  | 9.184  | 9.248  | HH | 8270       | 307720 | 5.57% | 0.129% |
| 301 | 9.254  | 9.248  | 9.266  | HH | 8162       | 87357  | 1.58% | 0.037% |
| 302 | 9.285  | 9.266  | 9.296  | HH | 8245       | 146573 | 2.65% | 0.061% |
| 303 | 9.320  | 9.296  | 9.349  | HH | 9684       | 282437 | 5.11% | 0.118% |
| 304 | 9.360  | 9.349  | 9.374  | HH | 8299       | 120613 | 2.18% | 0.050% |
| 305 | 9.378  | 9.374  | 9.391  | HH | 8327       | 83043  | 1.50% | 0.035% |
| 306 | 9.399  | 9.391  | 9.408  | HH | 8284       | 85252  | 1.54% | 0.036% |
| 307 | 9.441  | 9.408  | 9.459  | HH | 8415       | 256856 | 4.65% | 0.107% |
| 308 | 9.475  | 9.459  | 9.490  | HH | 8394       | 152843 | 2.77% | 0.064% |
| 309 | 9.514  | 9.490  | 9.523  | HH | 8885       | 172148 | 3.12% | 0.072% |
| 310 | 9.534  | 9.523  | 9.544  | HH | 8826       | 108967 | 1.97% | 0.046% |
| 311 | 9.557  | 9.544  | 9.573  | HH | 8755       | 148557 | 2.69% | 0.062% |
| 312 | 9.601  | 9.573  | 9.613  | HH | 9014       | 211930 | 3.84% | 0.089% |
| 313 | 9.618  | 9.613  | 9.628  | HH | 8806       | 80313  | 1.45% | 0.034% |
| 314 | 9.645  | 9.628  | 9.663  | HH | 9278       | 187802 | 3.40% | 0.078% |
| 315 | 9.673  | 9.663  | 9.684  | HH | 8910       | 110796 | 2.01% | 0.046% |
| 316 | 9.697  | 9.684  | 9.729  | HH | 9156       | 237579 | 4.30% | 0.099% |
| 317 | 9.755  | 9.729  | 9.804  | HH | 9739       | 408186 | 7.39% | 0.171% |
| 318 | 9.836  | 9.804  | 9.850  | HH | 10613      | 264615 | 4.79% | 0.111% |
| 319 | 9.868  | 9.850  | 9.898  | HH | 11216      | 302646 | 5.48% | 0.126% |
| 320 | 9.917  | 9.898  | 9.976  | HH | 15776      | 507807 | 9.20% | 0.212% |
| 321 | 9.980  | 9.976  | 10.007 | HH | 9499       | 174198 | 3.15% | 0.073% |
| 322 | 10.022 | 10.007 | 10.044 | HH | 9483       | 211353 | 3.83% | 0.088% |
| 323 | 10.049 | 10.044 | 10.056 | HH | 9350       | 65882  | 1.19% | 0.028% |
| 324 | 10.060 | 10.056 | 10.070 | HH | 9358       | 79893  | 1.45% | 0.033% |
| 325 | 10.091 | 10.070 | 10.098 | HH | 9492       | 154115 | 2.79% | 0.064% |
| 326 | 10.100 | 10.098 | 10.106 | HH | 9466       | 45529  | 0.82% | 0.019% |
| 327 | 10.112 | 10.106 | 10.123 | HH | 9489       | 96991  | 1.76% | 0.041% |
| 328 | 10.128 | 10.123 | 10.152 | HH | 9522       | 167357 | 3.03% | 0.070% |
| 329 | 10.166 | 10.152 | 10.179 | HH | 9601       | 152927 | 2.77% | 0.064% |
| 330 | 10.189 | 10.179 | 10.194 | HH | 9528       | 83053  | 1.50% | 0.035% |
| 331 | 10.199 | 10.194 | 10.213 | HH | 9585       | 107749 | 1.95% | 0.045% |
| 332 | 10.238 | 10.213 | 10.243 | HH | 9653       | 172337 | 3.12% | 0.072% |
| 333 | 10.263 | 10.243 | 10.274 | HH | 10144      | 188093 | 3.41% | 0.079% |
| 334 | 10.303 | 10.274 | 10.328 | HH | 10986      | 336222 | 6.09% | 0.141% |
| 335 | 10.335 | 10.328 | 10.339 | HH | 10146      | 63160  | 1.14% | 0.026% |
| 336 | 10.359 | 10.339 | 10.384 | HH | 10419      | 281755 | 5.10% | 0.118% |
| 337 | 10.395 | 10.384 | 10.412 | HH | 10640      | 171294 | 3.10% | 0.072% |
| 338 | 10.416 | 10.412 | 10.436 | HH | 10296      | 147796 | 2.68% | 0.062% |
| 339 | 10.451 | 10.436 | 10.486 | HH | 10791      | 314125 | 5.69% | 0.131% |
| 340 | 10.516 | 10.486 | 10.543 | HH | 11391      | 369305 | 6.69% | 0.154% |
| 341 | 10.549 | 10.543 | 10.552 | HH | 10764      | 62553  | 1.13% | 0.026% |
| 342 | 10.578 | 10.552 | 10.605 | HH | 14408      | 390353 | 7.07% | 0.163% |
| 343 | 10.626 | 10.605 | 10.639 | HH | 13161      | 251444 | 4.55% | 0.105% |
| 344 | 10.655 | 10.639 | 10.694 | HH | 14958      | 405383 | 7.34% | 0.169% |
| 345 | 10.724 | 10.694 | 10.754 | HH | 12262      | 412975 | 7.48% | 0.173% |
| 346 | 10.762 | 10.754 | 10.768 | HH | 11113      | 92958  | 1.68% | 0.039% |
| 347 | 10.777 | 10.768 | 10.782 | HH | 11180      | 89084  | 1.61% | 0.037% |
| 348 | 10.793 | 10.782 | 10.829 | HH | 11325      | 320341 | 5.80% | 0.134% |
| 349 | 10.854 | 10.829 | 10.860 | HH | 11267      | 206692 | 3.74% | 0.086% |
| 350 | 10.867 | 10.860 | 10.902 | HH | 11279      | 277966 | 5.03% | 0.116% |
| 351 | 10.907 | 10.902 | 10.918 | HH | 11313      | 108983 | 1.97% | 0.046% |

|     |        |        |        |    | rteres.txt |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
| 352 | 10.935 | 10.918 | 10.942 | HH | 11297      | 161085  | 2.92%  | 0.067% |
| 353 | 10.999 | 10.942 | 11.019 | HH | 11635      | 529774  | 9.59%  | 0.221% |
| 354 | 11.053 | 11.019 | 11.094 | HH | 11827      | 529798  | 9.59%  | 0.221% |
| 355 | 11.107 | 11.094 | 11.125 | HH | 11949      | 219529  | 3.98%  | 0.092% |
| 356 | 11.160 | 11.125 | 11.179 | HH | 12003      | 381454  | 6.91%  | 0.159% |
| 357 | 11.185 | 11.179 | 11.214 | HH | 11889      | 246808  | 4.47%  | 0.103% |
| 358 | 11.247 | 11.214 | 11.268 | HH | 11994      | 380497  | 6.89%  | 0.159% |
| 359 | 11.295 | 11.268 | 11.306 | HH | 12279      | 278797  | 5.05%  | 0.117% |
| 360 | 11.337 | 11.306 | 11.419 | HH | 17909      | 956025  | 17.31% | 0.400% |
| 361 | 11.445 | 11.419 | 11.479 | HH | 13111      | 454033  | 8.22%  | 0.190% |
| 362 | 11.491 | 11.479 | 11.524 | HH | 12428      | 334074  | 6.05%  | 0.140% |
| 363 | 11.536 | 11.524 | 11.549 | HH | 12572      | 186845  | 3.38%  | 0.078% |
| 364 | 11.553 | 11.549 | 11.584 | HH | 12480      | 253924  | 4.60%  | 0.106% |
| 365 | 11.597 | 11.584 | 11.609 | HH | 12339      | 190248  | 3.45%  | 0.080% |
| 366 | 11.659 | 11.609 | 11.679 | HH | 12741      | 527003  | 9.54%  | 0.220% |
| 367 | 11.686 | 11.679 | 11.701 | HH | 12625      | 163238  | 2.96%  | 0.068% |
| 368 | 11.759 | 11.701 | 11.799 | HH | 13633      | 762587  | 13.81% | 0.319% |
| 369 | 11.834 | 11.799 | 11.863 | HH | 13513      | 500270  | 9.06%  | 0.209% |
| 370 | 11.874 | 11.863 | 11.887 | HH | 13176      | 191951  | 3.48%  | 0.080% |
| 371 | 11.915 | 11.887 | 11.944 | HH | 15246      | 474976  | 8.60%  | 0.199% |
| 372 | 11.955 | 11.944 | 11.984 | HH | 13275      | 316481  | 5.73%  | 0.132% |
| 373 | 12.023 | 11.984 | 12.054 | HH | 17068      | 604840  | 10.95% | 0.253% |
| 374 | 12.083 | 12.054 | 12.114 | HH | 18065      | 537564  | 9.73%  | 0.225% |
| 375 | 12.139 | 12.114 | 12.201 | HH | 14410      | 714406  | 12.94% | 0.299% |
| 376 | 12.237 | 12.201 | 12.272 | HH | 13594      | 574773  | 10.41% | 0.240% |
| 377 | 12.314 | 12.272 | 12.326 | HH | 14006      | 444356  | 8.05%  | 0.186% |
| 378 | 12.358 | 12.326 | 12.376 | HH | 14056      | 414826  | 7.51%  | 0.173% |
| 379 | 12.403 | 12.376 | 12.419 | HH | 14043      | 359646  | 6.51%  | 0.150% |
| 380 | 12.442 | 12.419 | 12.451 | HH | 14019      | 265435  | 4.81%  | 0.111% |
| 381 | 12.466 | 12.451 | 12.486 | HH | 14267      | 297034  | 5.38%  | 0.124% |
| 382 | 12.495 | 12.486 | 12.502 | HH | 14180      | 137150  | 2.48%  | 0.057% |
| 383 | 12.517 | 12.502 | 12.551 | HH | 14268      | 418165  | 7.57%  | 0.175% |
| 384 | 12.565 | 12.551 | 12.608 | HH | 14278      | 477761  | 8.65%  | 0.200% |
| 385 | 12.621 | 12.608 | 12.639 | HH | 14169      | 265057  | 4.80%  | 0.111% |
| 386 | 12.668 | 12.639 | 12.699 | HH | 16448      | 545144  | 9.87%  | 0.228% |
| 387 | 12.723 | 12.699 | 12.746 | HH | 14572      | 402822  | 7.29%  | 0.168% |
| 388 | 12.779 | 12.746 | 12.812 | HH | 15218      | 583907  | 10.57% | 0.244% |
| 389 | 12.858 | 12.812 | 12.876 | HH | 15102      | 570463  | 10.33% | 0.238% |
| 390 | 12.883 | 12.876 | 12.914 | HH | 15100      | 339682  | 6.15%  | 0.142% |
| 391 | 12.941 | 12.914 | 12.953 | HH | 15060      | 349527  | 6.33%  | 0.146% |
| 392 | 12.986 | 12.953 | 13.028 | HH | 15136      | 677658  | 12.27% | 0.283% |
| 393 | 13.055 | 13.028 | 13.109 | HH | 16969      | 777734  | 14.08% | 0.325% |
| 394 | 13.132 | 13.109 | 13.166 | HH | 16342      | 545604  | 9.88%  | 0.228% |
| 395 | 13.191 | 13.166 | 13.217 | HH | 23786      | 563787  | 10.21% | 0.236% |
| 396 | 13.245 | 13.217 | 13.261 | HH | 16313      | 430293  | 7.79%  | 0.180% |
| 397 | 13.273 | 13.261 | 13.291 | HH | 16341      | 294870  | 5.34%  | 0.123% |
| 398 | 13.300 | 13.291 | 13.309 | HH | 16236      | 175647  | 3.18%  | 0.073% |
| 399 | 13.333 | 13.309 | 13.413 | HH | 28135      | 1128245 | 20.43% | 0.472% |
| 400 | 13.423 | 13.413 | 13.441 | HH | 16061      | 271919  | 4.92%  | 0.114% |
| 401 | 13.476 | 13.441 | 13.497 | HH | 16145      | 539842  | 9.78%  | 0.226% |
| 402 | 13.517 | 13.497 | 13.545 | HH | 17012      | 465794  | 8.43%  | 0.195% |
| 403 | 13.552 | 13.545 | 13.574 | HH | 16003      | 279947  | 5.07%  | 0.117% |
| 404 | 13.595 | 13.574 | 13.609 | HH | 16076      | 339731  | 6.15%  | 0.142% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 405 | 13.624 | 13.609 | 13.638 | HH | 16001      | 271723  | 4.92%  | 0.114% |
| 406 | 13.683 | 13.638 | 13.706 | HH | 21138      | 719936  | 13.04% | 0.301% |
| 407 | 13.724 | 13.706 | 13.769 | HH | 17327      | 631046  | 11.43% | 0.264% |
| 408 | 13.791 | 13.769 | 13.804 | HH | 16231      | 338385  | 6.13%  | 0.141% |
| 409 | 13.818 | 13.804 | 13.851 | HH | 16534      | 452131  | 8.19%  | 0.189% |
| 410 | 13.860 | 13.851 | 13.869 | HH | 16032      | 175808  | 3.18%  | 0.073% |
| 411 | 13.898 | 13.869 | 13.911 | HH | 16171      | 404961  | 7.33%  | 0.169% |
| 412 | 13.925 | 13.911 | 13.942 | HH | 16020      | 296688  | 5.37%  | 0.124% |
| 413 | 13.960 | 13.942 | 13.975 | HH | 16111      | 317926  | 5.76%  | 0.133% |
| 414 | 14.007 | 13.975 | 14.056 | HH | 16176      | 779204  | 14.11% | 0.326% |
| 415 | 14.074 | 14.056 | 14.096 | HH | 16300      | 387431  | 7.02%  | 0.162% |
| 416 | 14.151 | 14.096 | 14.178 | HH | 16308      | 791274  | 14.33% | 0.331% |
| 417 | 14.235 | 14.178 | 14.259 | HH | 16561      | 799672  | 14.48% | 0.334% |
| 418 | 14.280 | 14.259 | 14.343 | HH | 21536      | 892032  | 16.15% | 0.373% |
| 419 | 14.364 | 14.343 | 14.406 | HH | 23677      | 695070  | 12.59% | 0.291% |
| 420 | 14.457 | 14.406 | 14.515 | HH | 17543      | 1103110 | 19.98% | 0.461% |
| 421 | 14.535 | 14.515 | 14.551 | HH | 16932      | 363003  | 6.57%  | 0.152% |
| 422 | 14.576 | 14.551 | 14.619 | HH | 17200      | 683158  | 12.37% | 0.286% |
| 423 | 14.641 | 14.619 | 14.663 | HH | 16749      | 432159  | 7.83%  | 0.181% |
| 424 | 14.685 | 14.663 | 14.731 | HH | 18394      | 707102  | 12.80% | 0.296% |
| 425 | 14.757 | 14.731 | 14.782 | HH | 39647      | 768863  | 13.92% | 0.321% |
| 426 | 14.803 | 14.782 | 14.904 | HH | 26700      | 1375461 | 24.91% | 0.575% |
| 427 | 14.923 | 14.904 | 14.940 | HH | 17042      | 362948  | 6.57%  | 0.152% |
| 428 | 14.963 | 14.940 | 14.991 | HH | 17541      | 523055  | 9.47%  | 0.219% |
| 429 | 15.015 | 14.991 | 15.051 | HH | 18316      | 623722  | 11.29% | 0.261% |
| 430 | 15.167 | 15.051 | 15.189 | HH | 17332      | 1416364 | 25.65% | 0.592% |
| 431 | 15.209 | 15.189 | 15.239 | HH | 17518      | 518244  | 9.38%  | 0.217% |
| 432 | 15.256 | 15.239 | 15.295 | HH | 17361      | 569775  | 10.32% | 0.238% |
| 433 | 15.327 | 15.295 | 15.346 | HH | 17405      | 532274  | 9.64%  | 0.222% |
| 434 | 15.369 | 15.346 | 15.404 | HH | 18194      | 620233  | 11.23% | 0.259% |
| 435 | 15.513 | 15.404 | 15.538 | HH | 19881      | 1486424 | 26.92% | 0.621% |
| 436 | 15.542 | 15.538 | 15.683 | HH | 19774      | 1602652 | 29.02% | 0.670% |
| 437 | 15.689 | 15.683 | 15.702 | HH | 17724      | 205355  | 3.72%  | 0.086% |
| 438 | 15.772 | 15.702 | 15.796 | HH | 18021      | 1001906 | 18.14% | 0.419% |
| 439 | 15.810 | 15.796 | 15.817 | HH | 18005      | 229205  | 4.15%  | 0.096% |
| 440 | 15.837 | 15.817 | 15.876 | HH | 18320      | 636020  | 11.52% | 0.266% |
| 441 | 15.894 | 15.876 | 15.916 | HH | 17999      | 432725  | 7.84%  | 0.181% |
| 442 | 15.955 | 15.916 | 15.964 | HH | 18262      | 522602  | 9.46%  | 0.218% |
| 443 | 15.983 | 15.964 | 16.002 | HH | 18339      | 412552  | 7.47%  | 0.172% |
| 444 | 16.052 | 16.002 | 16.066 | HH | 18623      | 702325  | 12.72% | 0.294% |
| 445 | 16.116 | 16.066 | 16.166 | HH | 19637      | 1129930 | 20.46% | 0.472% |
| 446 | 16.183 | 16.166 | 16.227 | HH | 18771      | 674683  | 12.22% | 0.282% |
| 447 | 16.338 | 16.227 | 16.363 | HH | 18959      | 1523030 | 27.58% | 0.637% |
| 448 | 16.375 | 16.363 | 16.388 | HH | 18790      | 280697  | 5.08%  | 0.117% |
| 449 | 16.391 | 16.388 | 16.401 | HH | 18766      | 149701  | 2.71%  | 0.063% |
| 450 | 16.464 | 16.401 | 16.499 | HH | 19271      | 1119777 | 20.28% | 0.468% |
| 451 | 16.555 | 16.499 | 16.583 | HH | 19449      | 961352  | 17.41% | 0.402% |
| 452 | 16.613 | 16.583 | 16.649 | HH | 19464      | 769132  | 13.93% | 0.321% |
| 453 | 16.685 | 16.649 | 16.723 | HH | 19709      | 861436  | 15.60% | 0.360% |
| 454 | 16.737 | 16.723 | 16.750 | HH | 19609      | 320451  | 5.80%  | 0.134% |
| 455 | 16.814 | 16.750 | 16.868 | HH | 21588      | 1414634 | 25.62% | 0.591% |
| 456 | 16.874 | 16.868 | 16.885 | HH | 19701      | 210437  | 3.81%  | 0.088% |

|     |        |        |        |    | rteres.txt |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
| 457 | 16.929 | 16.885 | 16.951 | HH | 20499      | 784411  | 14.20% | 0.328% |
| 458 | 16.979 | 16.951 | 16.998 | HH | 20687      | 565435  | 10.24% | 0.236% |
| 459 | 17.013 | 16.998 | 17.038 | HH | 20471      | 485516  | 8.79%  | 0.203% |
| 460 | 17.092 | 17.038 | 17.104 | HH | 20200      | 803076  | 14.54% | 0.336% |
| 461 | 17.123 | 17.104 | 17.146 | HH | 20278      | 504973  | 9.14%  | 0.211% |
| 462 | 17.262 | 17.146 | 17.274 | HH | 20950      | 1574480 | 28.51% | 0.658% |
| 463 | 17.378 | 17.274 | 17.443 | HH | 23205      | 2169158 | 39.28% | 0.907% |
| 464 | 17.472 | 17.443 | 17.524 | HH | 22784      | 1059688 | 19.19% | 0.443% |
| 465 | 17.530 | 17.524 | 17.561 | HH | 21343      | 466424  | 8.45%  | 0.195% |
| 466 | 17.594 | 17.561 | 17.627 | HH | 21390      | 844480  | 15.29% | 0.353% |
| 467 | 17.706 | 17.627 | 17.724 | HH | 21832      | 1259170 | 22.80% | 0.526% |
| 468 | 17.732 | 17.724 | 17.741 | HH | 21838      | 218042  | 3.95%  | 0.091% |
| 469 | 17.815 | 17.741 | 17.843 | HH | 23642      | 1362989 | 24.68% | 0.570% |
| 470 | 17.910 | 17.843 | 17.938 | HH | 25154      | 1295568 | 23.46% | 0.541% |
| 471 | 17.977 | 17.938 | 17.991 | HH | 22833      | 726966  | 13.16% | 0.304% |
| 472 | 18.012 | 17.991 | 18.024 | HH | 22870      | 443792  | 8.04%  | 0.185% |
| 473 | 18.035 | 18.024 | 18.045 | HH | 22831      | 299055  | 5.42%  | 0.125% |
| 474 | 18.083 | 18.045 | 18.116 | HH | 24386      | 991423  | 17.95% | 0.414% |
| 475 | 18.160 | 18.116 | 18.209 | HH | 23811      | 1309646 | 23.72% | 0.547% |
| 476 | 18.237 | 18.209 | 18.269 | HH | 25577      | 863543  | 15.64% | 0.361% |
| 477 | 18.342 | 18.269 | 18.356 | HH | 24922      | 1251726 | 22.67% | 0.523% |
| 478 | 18.376 | 18.356 | 18.394 | HH | 25002      | 571364  | 10.35% | 0.239% |
| 479 | 18.410 | 18.394 | 18.435 | HH | 25020      | 608853  | 11.03% | 0.254% |
| 480 | 18.452 | 18.435 | 18.480 | HH | 24986      | 680038  | 12.31% | 0.284% |
| 481 | 18.548 | 18.480 | 18.601 | HH | 25917      | 1813672 | 32.84% | 0.758% |
| 482 | 18.648 | 18.601 | 18.699 | HH | 28496      | 1529627 | 27.70% | 0.639% |
| 483 | 18.750 | 18.699 | 18.799 | HH | 27917      | 1563686 | 28.32% | 0.654% |
| 484 | 18.858 | 18.799 | 18.879 | HH | 26544      | 1251305 | 22.66% | 0.523% |
| 485 | 18.948 | 18.879 | 18.978 | HH | 26629      | 1555297 | 28.16% | 0.650% |
| 486 | 19.043 | 18.978 | 19.064 | HH | 28900      | 1414960 | 25.62% | 0.591% |
| 487 | 19.082 | 19.064 | 19.100 | HH | 27364      | 587926  | 10.65% | 0.246% |
| 488 | 19.203 | 19.100 | 19.269 | HH | 30360      | 2853276 | 51.67% | 1.193% |
| 489 | 19.300 | 19.269 | 19.313 | HH | 28454      | 749607  | 13.57% | 0.313% |
| 490 | 19.338 | 19.313 | 19.364 | HH | 28725      | 885147  | 16.03% | 0.370% |
| 491 | 19.382 | 19.364 | 19.393 | HH | 29250      | 493006  | 8.93%  | 0.206% |
| 492 | 19.428 | 19.393 | 19.466 | HH | 31515      | 1315764 | 23.83% | 0.550% |
| 493 | 19.506 | 19.466 | 19.515 | HH | 29730      | 871121  | 15.77% | 0.364% |
| 494 | 19.541 | 19.515 | 19.566 | HH | 30999      | 917484  | 16.61% | 0.383% |
| 495 | 19.600 | 19.566 | 19.626 | HH | 30141      | 1089492 | 19.73% | 0.455% |
| 496 | 19.654 | 19.626 | 19.680 | HH | 31745      | 995125  | 18.02% | 0.416% |
| 497 | 19.716 | 19.680 | 19.758 | HH | 33628      | 1492002 | 27.02% | 0.624% |
| 498 | 19.804 | 19.758 | 19.829 | HH | 33426      | 1384785 | 25.08% | 0.579% |
| 499 | 19.887 | 19.829 | 19.921 | HH | 33539      | 1812772 | 32.83% | 0.758% |
| 500 | 19.968 | 19.921 | 20.011 | HH | 33484      | 1785784 | 32.34% | 0.746% |
| 501 | 20.086 | 20.011 | 20.098 | HH | 33586      | 1725568 | 31.25% | 0.721% |
| 502 | 20.167 | 20.098 | 20.183 | HH | 35856      | 1749221 | 31.68% | 0.731% |
| 503 | 20.206 | 20.183 | 20.242 | HH | 37956      | 1278274 | 23.15% | 0.534% |
| 504 | 20.286 | 20.242 | 20.298 | HH | 35619      | 1182125 | 21.41% | 0.494% |
| 505 | 20.346 | 20.298 | 20.376 | HH | 36440      | 1685130 | 30.51% | 0.704% |
| 506 | 20.443 | 20.376 | 20.480 | HH | 37958      | 2297528 | 41.60% | 0.960% |
| 507 | 20.526 | 20.480 | 20.571 | HH | 37998      | 2023011 | 36.63% | 0.846% |
| 508 | 20.596 | 20.571 | 20.608 | HH | 37237      | 835210  | 15.12% | 0.349% |
| 509 | 20.636 | 20.608 | 20.651 | HH | 37627      | 954089  | 17.28% | 0.399% |

|     |        |        |        |    |            |         |         |        |
|-----|--------|--------|--------|----|------------|---------|---------|--------|
|     |        |        |        |    | rteres.txt |         |         |        |
| 510 | 20.690 | 20.651 | 20.744 | HH | 41348      | 2154141 | 39.01%  | 0.900% |
| 511 | 20.781 | 20.744 | 20.821 | HH | 38180      | 1760832 | 31.89%  | 0.736% |
| 512 | 20.828 | 20.821 | 20.856 | HH | 37873      | 790493  | 14.31%  | 0.330% |
| 513 | 20.913 | 20.856 | 20.956 | HH | 38820      | 2283306 | 41.35%  | 0.954% |
| 514 | 20.972 | 20.956 | 21.013 | HH | 37985      | 1286136 | 23.29%  | 0.538% |
| 515 | 21.031 | 21.013 | 21.059 | HH | 37739      | 1052312 | 19.06%  | 0.440% |
| 516 | 21.065 | 21.059 | 21.079 | HH | 37764      | 445628  | 8.07%   | 0.186% |
| 517 | 21.088 | 21.079 | 21.104 | HH | 37628      | 571836  | 10.35%  | 0.239% |
| 518 | 21.117 | 21.104 | 21.136 | HH | 37665      | 713835  | 12.93%  | 0.298% |
| 519 | 21.189 | 21.136 | 21.203 | HH | 38164      | 1510279 | 27.35%  | 0.631% |
| 520 | 21.235 | 21.203 | 21.297 | HH | 41703      | 2206204 | 39.95%  | 0.922% |
| 521 | 21.344 | 21.297 | 21.488 | HH | 39046      | 4394485 | 79.58%  | 1.837% |
| 522 | 21.499 | 21.488 | 21.519 | HH | 37762      | 698415  | 12.65%  | 0.292% |
| 523 | 21.542 | 21.519 | 21.556 | HH | 37939      | 831571  | 15.06%  | 0.348% |
| 524 | 21.602 | 21.556 | 21.629 | HH | 38299      | 1674641 | 30.32%  | 0.700% |
| 525 | 21.702 | 21.629 | 21.748 | HH | 38239      | 2708503 | 49.05%  | 1.132% |
| 526 | 21.765 | 21.748 | 21.788 | HH | 38198      | 913258  | 16.54%  | 0.382% |
| 527 | 21.875 | 21.788 | 21.981 | HH | 41321      | 4495008 | 81.40%  | 1.879% |
| 528 | 21.999 | 21.981 | 22.011 | HH | 37823      | 679872  | 12.31%  | 0.284% |
| 529 | 22.031 | 22.011 | 22.044 | HH | 37938      | 757458  | 13.72%  | 0.317% |
| 530 | 22.062 | 22.044 | 22.073 | HH | 38004      | 645526  | 11.69%  | 0.270% |
| 531 | 22.120 | 22.073 | 22.134 | HH | 38259      | 1409578 | 25.52%  | 0.589% |
| 532 | 22.180 | 22.134 | 22.218 | HH | 38372      | 1922911 | 34.82%  | 0.804% |
| 533 | 22.226 | 22.218 | 22.239 | HH | 37956      | 471366  | 8.54%   | 0.197% |
| 534 | 22.258 | 22.239 | 22.304 | HH | 38019      | 1489630 | 26.97%  | 0.623% |
| 535 | 22.325 | 22.304 | 22.334 | HH | 37973      | 663617  | 12.02%  | 0.277% |
| 536 | 22.344 | 22.334 | 22.356 | HH | 37973      | 511443  | 9.26%   | 0.214% |
| 537 | 22.398 | 22.356 | 22.497 | HH | 38581      | 3238282 | 58.64%  | 1.353% |
| 538 | 22.506 | 22.497 | 22.526 | HH | 37899      | 649407  | 11.76%  | 0.271% |
| 539 | 22.542 | 22.526 | 22.551 | HH | 38019      | 568714  | 10.30%  | 0.238% |
| 540 | 22.634 | 22.551 | 22.688 | HH | 40770      | 3208100 | 58.09%  | 1.341% |
| 541 | 22.708 | 22.688 | 22.757 | HH | 39073      | 1621311 | 29.36%  | 0.678% |
| 542 | 22.764 | 22.757 | 22.818 | HH | 38668      | 1391670 | 25.20%  | 0.582% |
| 543 | 22.828 | 22.818 | 22.938 | HH | 38164      | 2727617 | 49.39%  | 1.140% |
| 544 | 22.950 | 22.938 | 22.968 | HH | 37733      | 676977  | 12.26%  | 0.283% |
| 545 | 23.039 | 22.968 | 23.086 | HH | 38221      | 2701849 | 48.93%  | 1.129% |
| 546 | 23.094 | 23.086 | 23.109 | HH | 37941      | 525311  | 9.51%   | 0.220% |
| 547 | 23.128 | 23.109 | 23.144 | HH | 38009      | 796437  | 14.42%  | 0.333% |
| 548 | 23.165 | 23.144 | 23.187 | HH | 38106      | 968641  | 17.54%  | 0.405% |
| 549 | 23.197 | 23.187 | 23.206 | HH | 38106      | 437333  | 7.92%   | 0.183% |
| 550 | 23.213 | 23.206 | 23.239 | HH | 38093      | 743806  | 13.47%  | 0.311% |
| 551 | 23.283 | 23.239 | 23.293 | HH | 37954      | 1228137 | 22.24%  | 0.513% |
| 552 | 23.305 | 23.293 | 23.316 | HH | 37936      | 530414  | 9.60%   | 0.222% |
| 553 | 23.361 | 23.316 | 23.395 | HH | 38059      | 1800225 | 32.60%  | 0.752% |
| 554 | 23.402 | 23.395 | 23.419 | HH | 38026      | 553097  | 10.02%  | 0.231% |
| 555 | 23.550 | 23.419 | 23.659 | HH | 39653      | 5522355 | 100.00% | 2.308% |
| 556 | 23.710 | 23.659 | 23.721 | HH | 38223      | 1410792 | 25.55%  | 0.590% |
| 557 | 23.780 | 23.721 | 23.824 | HH | 38995      | 2394039 | 43.35%  | 1.001% |
| 558 | 23.834 | 23.824 | 23.941 | HH | 38801      | 2686431 | 48.65%  | 1.123% |
| 559 | 23.951 | 23.941 | 24.001 | HH | 38115      | 1368455 | 24.78%  | 0.572% |
| 560 | 24.014 | 24.001 | 24.028 | HH | 38045      | 607417  | 11.00%  | 0.254% |
| 561 | 24.044 | 24.028 | 24.063 | HH | 38065      | 797223  | 14.44%  | 0.333% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    | rteres.txt              |         |           |        |
| 562 | 24.071 | 24.063 | 24.089 | HH | 38077                   | 601596  | 10.89%    | 0.251% |
| 563 | 24.122 | 24.089 | 24.173 | HH | 37970                   | 1901236 | 34.43%    | 0.795% |
| 564 | 24.186 | 24.173 | 24.261 | HH | 37966                   | 2007126 | 36.35%    | 0.839% |
| 565 | 24.264 | 24.261 | 24.303 | HH | 37755                   | 941790  | 17.05%    | 0.394% |
| 566 | 24.329 | 24.303 | 24.339 | HH | 37955                   | 829355  | 15.02%    | 0.347% |
| 567 | 24.354 | 24.339 | 24.374 | HH | 37755                   | 786927  | 14.25%    | 0.329% |
| 568 | 24.383 | 24.374 | 24.391 | HH | 37724                   | 381458  | 6.91%     | 0.159% |
| 569 | 24.408 | 24.391 | 24.444 | HH | 37896                   | 1202010 | 21.77%    | 0.502% |
| 570 | 24.458 | 24.444 | 24.476 | HH | 37855                   | 725355  | 13.13%    | 0.303% |
| 571 | 24.528 | 24.476 | 24.569 | HH | 38028                   | 2123403 | 38.45%    | 0.887% |
| 572 | 24.575 | 24.569 | 24.583 | HH | 37951                   | 302991  | 5.49%     | 0.127% |
| 573 | 24.662 | 24.583 | 24.788 | HH | 38785                   | 4706843 | 85.23%    | 1.967% |
|     |        |        |        |    | Sum of corrected areas: |         | 239258439 |        |

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