

Supplementary Figures

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Table 1: Argo Data modes

| Filenum | % R | % A | % D |
|---------|--------|--------|--------|
| 1 | 0.005 | 0.005 | 99.989 |
| 2 | 0.404 | 6.125 | 93.471 |
| 3 | 0.049 | 0.213 | 99.738 |
| 4 | 1.035 | 1.894 | 97.071 |
| 5 | 0.055 | 2.267 | 97.678 |
| 6 | 0.094 | 4.741 | 95.165 |
| 7 | 0.755 | 1.355 | 97.89 |
| 8 | 5.632 | 17.721 | 76.647 |
| 9 | 23.918 | 15.681 | 60.401 |
| 10 | 5.611 | 3.415 | 90.974 |
| 11 | 0.011 | 20.065 | 79.924 |
| 12 | 0.061 | 9.289 | 90.65 |
| 13 | 9.807 | 26.289 | 63.905 |
| 14 | 0.417 | 37.541 | 62.042 |
| 15 | 1.161 | 52.869 | 45.97 |
| 16 | 15.864 | 4.02 | 80.116 |
| 17 | 26.711 | 60.015 | 13.275 |
| 18 | 0 | 33.789 | 66.211 |
| 19 | 8.626 | 11.683 | 79.69 |
| 20 | 2.123 | 34.25 | 63.627 |
| 21 | 23.709 | 36.357 | 39.934 |
| 22 | 0.01 | 1.114 | 98.876 |
| 23 | 0.003 | 1.252 | 98.745 |
| 24 | 0 | 1.95 | 98.05 |
| 25 | 1.428 | 0.595 | 97.977 |
| 26 | 1.176 | 18.041 | 80.783 |
| 27 | 4.078 | 12.893 | 83.028 |
| 28 | 18.331 | 7.453 | 74.217 |
| 29 | 34.557 | 18.276 | 47.166 |
| 30 | 0.084 | 0.904 | 99.011 |
| 31 | 0.169 | 4.241 | 95.59 |
| 32 | 0.039 | 2.926 | 97.035 |
| 33 | 0.677 | 10.119 | 89.205 |
| 34 | 0.032 | 9.198 | 90.77 |
| 35 | 2.946 | 18.055 | 78.999 |
| 36 | 5.915 | 16.986 | 77.098 |

| Filenum | % R | % A | % D |
|---------|---------|---------|---------|
| 37 | 20.434 | 23.947 | 55.619 |
| 38 | 27.652 | 21.78 | 50.569 |
| 39 | 35.167 | 30.883 | 33.95 |
| 40 | 1.656 | 7.347 | 90.996 |
| 41 | 0 | 0.024 | 99.976 |
| 42 | 0.003 | 1.307 | 98.691 |
| 43 | 0 | 0.021 | 99.979 |
| 44 | 0 | 0.491 | 99.509 |
| 45 | 0 | 1.341 | 98.659 |
| 46 | 0 | 1.071 | 98.929 |
| 47 | 0.007 | 0.09 | 99.903 |
| 48 | 0.156 | 4.554 | 95.29 |
| 49 | 0 | 7.072 | 92.928 |
| 50 | 1.396 | 6.974 | 91.63 |
| 51 | 0.43 | 2.543 | 97.027 |
| 52 | 0 | 4.946 | 95.054 |
| 53 | 0 | 0.183 | 99.817 |
| 54 | 0 | 3.772 | 96.228 |
| 55 | 0 | 4.846 | 95.154 |
| 56 | 0.002 | 5.269 | 94.729 |
| 57 | 0.365 | 12.467 | 87.168 |
| 58 | 0.006 | 20.414 | 79.58 |
| 59 | 1.207 | 7.452 | 91.341 |
| 60 | 4.274 | 19.994 | 75.732 |
| 61 | 2.674 | 23.205 | 74.121 |
| 62 | 5.361 | 22.849 | 71.791 |
| 63 | 5.911 | 32.089 | 62.001 |
| 64 | 7.366 | 44.957 | 47.677 |
| 65 | 17.007 | 55.435 | 27.558 |
| 66 | 0.04 | 2.72 | 97.24 |
| 67 | 0.461 | 10.833 | 88.707 |
| 68 | 2.153 | 3.639 | 94.208 |
| 69 | 0.079 | 6.15 | 93.771 |
| 70 | 12.483 | 15.057 | 72.46 |
| 71 | 7.459 | 1.564 | 90.976 |
| 72 | 10.186 | 5.3 | 84.514 |
| 73 | 5.212 | 10.397 | 84.391 |
| 74 | 24.872 | 13.111 | 62.018 |
| 75 | 58.879 | 13.527 | 27.595 |
| 76 | 40.016 | 18.061 | 41.923 |
| 77 | 43.907 | 7.761 | 48.331 |
| 78 | 3.438 | 14.104 | 82.458 |
| 79 | 8.023 | 23.84 | 68.137 |
| 80 | 8.923 | 58.286 | 32.791 |
| Total % | 5.27054 | 11.3482 | 83.3813 |

Table 2: Percentages of each profile flag for each file

| Filenum | Flag 0 % | Flag 1 % | Flag 2 % | Flag 3 % | Flag 4 % | Flag 5 % | Flag 6 % |
|---------|----------|----------|----------|----------|----------|----------|----------|
| 1 | 70.64 | 0 | 0.01 | 0 | 27.07 | 0 | 2.28 |
| 2 | 71.96 | 0.05 | 0.2 | 0 | 27.56 | 0 | 0.24 |
| 3 | 65.89 | 0 | 0.59 | 0 | 33.42 | 0 | 0.1 |
| 4 | 92.51 | 0.03 | 0.01 | 0 | 7.34 | 0 | 0.11 |
| 5 | 95.14 | 1.07 | 0.07 | 0 | 2.93 | 0 | 0.8 |
| 6 | 96.31 | 0 | 0.03 | 0 | 2.47 | 0.25 | 0.94 |
| 7 | 97.25 | 0 | 0 | 0 | 1.88 | 0.22 | 0.65 |
| 8 | 89.45 | 0 | 0 | 0 | 2.36 | 7.63 | 0.56 |
| 9 | 80.2 | 0 | 0 | 0 | 1.08 | 17.97 | 0.74 |
| 10 | 79.05 | 0.19 | 0.04 | 0 | 7.51 | 5.25 | 7.97 |
| 11 | 90.93 | 0.04 | 0.02 | 0 | 8.93 | 0 | 0.09 |
| 12 | 86.84 | 0.01 | 0.07 | 0 | 13.01 | 0 | 0.06 |
| 13 | 82.93 | 0.02 | 0.16 | 0 | 15.44 | 0 | 1.45 |
| 14 | 91.77 | 0.1 | 0.01 | 0 | 7.83 | 0 | 0.28 |
| 15 | 93.76 | 0.01 | 0.02 | 0 | 5.83 | 0 | 0.37 |
| 16 | 93.96 | 0.01 | 0 | 0 | 2.73 | 0.32 | 2.98 |
| 17 | 91.12 | 0.01 | 0 | 0 | 3.74 | 3.64 | 1.49 |
| 18 | 92.5 | 0 | 0 | 0 | 4.65 | 0.04 | 2.81 |
| 19 | 91.88 | 0.02 | 0 | 0 | 0.51 | 7.54 | 0.05 |
| 20 | 96.67 | 0.06 | 0.01 | 0 | 0.73 | 1.97 | 0.56 |
| 21 | 74.77 | 0 | 0.08 | 0 | 1.84 | 20.85 | 2.46 |
| 22 | 79.37 | 0.02 | 0.1 | 0 | 19.89 | 0 | 0.62 |
| 23 | 84.51 | 0 | 0.02 | 0 | 15.34 | 0 | 0.13 |
| 24 | 91.11 | 0 | 0 | 0 | 8.53 | 0 | 0.35 |
| 25 | 95.21 | 0 | 0.02 | 0 | 3.98 | 0.25 | 0.53 |
| 26 | 89.78 | 0 | 0 | 0 | 6.18 | 3.57 | 0.47 |
| 27 | 89.1 | 0 | 0 | 0 | 3.63 | 6.5 | 0.78 |
| 28 | 87.94 | 0 | 0 | 0 | 5.11 | 6.17 | 0.78 |
| 29 | 65.94 | 0.02 | 0.01 | 0 | 18.98 | 12.43 | 2.62 |
| 30 | 83.11 | 0.01 | 0.1 | 0 | 14.33 | 0 | 2.46 |
| 31 | 66.59 | 0.01 | 0.04 | 0 | 32.92 | 0 | 0.44 |
| 32 | 87.52 | 0 | 0 | 0 | 12.16 | 0 | 0.31 |
| 33 | 94.42 | 0 | 0.26 | 0 | 5.01 | 0 | 0.32 |
| 34 | 95.91 | 0 | 0.04 | 0 | 3.15 | 0.29 | 0.61 |
| 35 | 91.38 | 0 | 0 | 0 | 6.88 | 0.36 | 1.38 |
| 36 | 92.66 | 0.26 | 0 | 0 | 3.44 | 2.32 | 1.32 |
| 37 | 89.16 | 0.05 | 0 | 0 | 0.84 | 9.65 | 0.3 |
| 38 | 83.75 | 0 | 0 | 0 | 1.62 | 12.5 | 2.12 |
| 39 | 76.18 | 0 | 0 | 0 | 1.04 | 22.39 | 0.39 |
| 40 | 79.24 | 0.01 | 0.27 | 0 | 17.03 | 2.11 | 1.34 |
| 41 | 84.71 | 0.01 | 0.09 | 0 | 14.85 | 0 | 0.33 |
| 42 | 95.69 | 0.04 | 0.03 | 0 | 4.11 | 0 | 0.13 |
| 43 | 96.59 | 0.01 | 0.06 | 0 | 3.22 | 0 | 0.12 |
| 44 | 96.19 | 0 | 0.01 | 0 | 3.69 | 0.02 | 0.09 |
| 45 | 97.18 | 0 | 0.03 | 0 | 2.37 | 0 | 0.42 |
| 46 | 94.57 | 0.06 | 0.07 | 0 | 4.62 | 0 | 0.68 |
| 47 | 84.99 | 0 | 0.03 | 0 | 9.33 | 0 | 5.64 |
| 48 | 94.04 | 0 | 0.01 | 0 | 5.37 | 0.06 | 0.53 |
| 49 | 90.92 | 0 | 0 | 0 | 5.8 | 0 | 3.28 |
| 50 | 91.1 | 0 | 0 | 0 | 2.56 | 4.66 | 1.67 |

| Filenum | Flag 0 % | Flag 1 % | Flag 2 % | Flag 3 % | Flag 4 % | Flag 5 % | Flag 6 % |
|---------|----------|----------|----------|----------|----------|----------|----------|
| 51 | 96.02 | 0 | 0 | 0 | 1.9 | 1.44 | 0.64 |
| 52 | 95.4 | 0 | 0 | 0 | 4.11 | 0.2 | 0.29 |
| 53 | 90.6 | 0 | 0.01 | 0 | 5.2 | 0.11 | 4.08 |
| 54 | 93.76 | 0 | 0 | 0 | 5.58 | 0.27 | 0.39 |
| 55 | 87.29 | 0.02 | 0 | 0 | 1.94 | 0.19 | 10.56 |
| 56 | 94.6 | 0 | 0 | 0 | 3.18 | 0.66 | 1.56 |
| 57 | 93.39 | 0 | 0 | 0 | 3.29 | 2.3 | 1.01 |
| 58 | 90.7 | 0.36 | 0 | 0 | 1.61 | 3.91 | 3.41 |
| 59 | 89.01 | 0.08 | 0 | 0 | 3.07 | 4.3 | 3.54 |
| 60 | 85.87 | 0 | 0 | 0 | 0.93 | 10.85 | 2.35 |
| 61 | 77.77 | 0 | 0 | 0 | 1.41 | 17.53 | 3.29 |
| 62 | 80.12 | 0.3 | 0.01 | 0.01 | 1.24 | 13.74 | 4.58 |
| 63 | 72 | 0.49 | 0 | 0 | 2.89 | 22.85 | 1.79 |
| 64 | 53.19 | 0.01 | 0 | 0 | 0.09 | 44.21 | 2.5 |
| 65 | 60.26 | 0 | 0 | 0 | 8.1 | 30.98 | 0.65 |
| 66 | 94.81 | 0 | 1.7 | 0 | 3.1 | 0 | 0.4 |
| 67 | 92.67 | 0.03 | 1.11 | 0 | 5.31 | 0.08 | 0.8 |
| 68 | 90.79 | 0.09 | 0.21 | 0 | 7.57 | 0.31 | 1.02 |
| 69 | 97.52 | 0.02 | 0 | 0 | 1.36 | 0.25 | 0.85 |
| 70 | 89.97 | 0 | 0 | 0 | 2.11 | 3.94 | 3.97 |
| 71 | 92.8 | 0 | 0 | 0 | 3.78 | 0.13 | 3.29 |
| 72 | 86.03 | 0 | 0 | 0 | 11.08 | 1.33 | 1.56 |
| 73 | 85.47 | 0.03 | 0 | 0 | 11.08 | 2.02 | 1.41 |
| 74 | 83.77 | 0 | 0 | 0 | 3.49 | 8.07 | 4.67 |
| 75 | 68.44 | 0 | 0 | 0 | 2.92 | 24.57 | 4.08 |
| 76 | 70.47 | 0 | 0 | 0 | 7.67 | 14.46 | 7.4 |
| 77 | 62.89 | 0 | 0.06 | 0 | 4.29 | 27.26 | 5.5 |
| 78 | 69.96 | 0.66 | 0.06 | 0 | 3.99 | 2.79 | 22.53 |
| 79 | 68.75 | 0.01 | 0 | 0 | 3.71 | 11.33 | 16.19 |
| 80 | 42.07 | 0.13 | 0 | 0 | 1.27 | 30.42 | 26.11 |

Table 3: Counts of each profile flag for each file.

| Filenum | Flag 0 | Flag 1 | Flag 2 | Flag 3 | Flag 4 | Flag 5 | Flag 6 | Total |
|---------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 13380 | 0 | 2 | 0 | 5127 | 0 | 432 | 18941 |
| 2 | 17975 | 12 | 49 | 0 | 6883 | 0 | 60 | 24979 |
| 3 | 17609 | 1 | 157 | 0 | 8931 | 0 | 28 | 26726 |
| 4 | 31457 | 10 | 3 | 0 | 2495 | 0 | 38 | 34003 |
| 5 | 34831 | 393 | 24 | 0 | 1071 | 0 | 293 | 36612 |
| 6 | 37969 | 1 | 13 | 0 | 973 | 98 | 370 | 39424 |
| 7 | 33232 | 1 | 0 | 0 | 641 | 75 | 223 | 34172 |
| 8 | 27716 | 0 | 0 | 0 | 732 | 2365 | 172 | 30985 |
| 9 | 15083 | 0 | 0 | 0 | 203 | 3380 | 140 | 18806 |
| 10 | 17130 | 41 | 8 | 0 | 1627 | 1138 | 1727 | 21671 |
| 11 | 33400 | 14 | 6 | 0 | 3279 | 0 | 32 | 36731 |
| 12 | 27223 | 4 | 22 | 0 | 4079 | 0 | 20 | 31348 |
| 13 | 23728 | 5 | 46 | 0 | 4419 | 0 | 415 | 28613 |
| 14 | 27518 | 31 | 4 | 0 | 2349 | 0 | 84 | 29986 |
| 15 | 37712 | 6 | 10 | 0 | 2344 | 0 | 148 | 40220 |

| Filenum | Flag 0 | Flag 1 | Flag 2 | Flag 3 | Flag 4 | Flag 5 | Flag 6 | Total |
|---------|--------|--------|--------|--------|--------|--------|--------|-------|
| 16 | 24727 | 2 | 0 | 0 | 719 | 85 | 784 | 26317 |
| 17 | 27127 | 2 | 0 | 0 | 1114 | 1083 | 445 | 29771 |
| 18 | 28021 | 0 | 0 | 0 | 1409 | 13 | 851 | 30294 |
| 19 | 19354 | 4 | 0 | 0 | 107 | 1588 | 11 | 21064 |
| 20 | 29056 | 19 | 2 | 0 | 220 | 592 | 169 | 30058 |
| 21 | 15075 | 1 | 16 | 0 | 371 | 4203 | 495 | 20161 |
| 22 | 23162 | 5 | 29 | 0 | 5803 | 0 | 182 | 29181 |
| 23 | 29967 | 0 | 8 | 0 | 5438 | 0 | 47 | 35460 |
| 24 | 36209 | 0 | 1 | 0 | 3390 | 0 | 140 | 39740 |
| 25 | 33743 | 0 | 8 | 0 | 1412 | 87 | 189 | 35439 |
| 26 | 33356 | 0 | 0 | 0 | 2297 | 1327 | 174 | 37154 |
| 27 | 23813 | 0 | 0 | 0 | 969 | 1737 | 208 | 26727 |
| 28 | 26490 | 0 | 0 | 0 | 1538 | 1860 | 236 | 30124 |
| 29 | 16091 | 4 | 3 | 0 | 4631 | 3034 | 640 | 24403 |
| 30 | 14795 | 1 | 17 | 0 | 2551 | 0 | 438 | 17802 |
| 31 | 18952 | 3 | 11 | 0 | 9368 | 0 | 126 | 28460 |
| 32 | 31261 | 0 | 1 | 0 | 4345 | 0 | 111 | 35718 |
| 33 | 29580 | 0 | 80 | 0 | 1568 | 0 | 100 | 31328 |
| 34 | 32491 | 1 | 14 | 0 | 1067 | 97 | 207 | 33877 |
| 35 | 33811 | 0 | 1 | 0 | 2544 | 134 | 509 | 36999 |
| 36 | 25987 | 74 | 0 | 0 | 965 | 651 | 369 | 28046 |
| 37 | 21066 | 12 | 0 | 0 | 199 | 2279 | 71 | 23627 |
| 38 | 15832 | 0 | 0 | 0 | 307 | 2363 | 401 | 18903 |
| 39 | 13143 | 0 | 0 | 0 | 179 | 3863 | 67 | 17252 |
| 40 | 15596 | 1 | 54 | 0 | 3352 | 415 | 263 | 19681 |
| 41 | 20900 | 3 | 23 | 0 | 3665 | 0 | 82 | 24673 |
| 42 | 34786 | 13 | 10 | 0 | 1495 | 0 | 47 | 36351 |
| 43 | 37618 | 2 | 24 | 0 | 1254 | 0 | 48 | 38946 |
| 44 | 46419 | 0 | 6 | 0 | 1780 | 10 | 42 | 48257 |
| 45 | 40224 | 0 | 12 | 0 | 983 | 0 | 173 | 41392 |
| 46 | 37005 | 25 | 26 | 0 | 1808 | 0 | 265 | 39129 |
| 47 | 35004 | 2 | 12 | 0 | 3843 | 0 | 2324 | 41185 |
| 48 | 34941 | 0 | 4 | 0 | 1994 | 21 | 196 | 37156 |
| 49 | 31870 | 0 | 1 | 0 | 2034 | 0 | 1148 | 35053 |
| 50 | 37398 | 2 | 0 | 0 | 1051 | 1915 | 686 | 41052 |
| 51 | 38370 | 0 | 0 | 0 | 761 | 574 | 255 | 39960 |
| 52 | 39501 | 2 | 0 | 0 | 1700 | 83 | 119 | 41405 |
| 53 | 41576 | 0 | 5 | 0 | 2385 | 50 | 1874 | 45890 |
| 54 | 42847 | 1 | 0 | 0 | 2548 | 124 | 180 | 45700 |
| 55 | 36243 | 7 | 0 | 1 | 804 | 80 | 4383 | 41518 |
| 56 | 42389 | 0 | 0 | 0 | 1426 | 294 | 699 | 44808 |
| 57 | 36049 | 0 | 0 | 0 | 1270 | 889 | 391 | 38599 |
| 58 | 31519 | 126 | 0 | 0 | 561 | 1359 | 1185 | 34750 |
| 59 | 30233 | 26 | 0 | 0 | 1043 | 1461 | 1202 | 33965 |
| 60 | 24209 | 0 | 0 | 0 | 263 | 3058 | 663 | 28193 |
| 61 | 14307 | 0 | 0 | 0 | 259 | 3225 | 606 | 18397 |
| 62 | 18023 | 67 | 2 | 2 | 280 | 3091 | 1031 | 22496 |
| 63 | 11279 | 76 | 0 | 0 | 452 | 3579 | 280 | 15666 |
| 64 | 4556 | 1 | 0 | 0 | 8 | 3787 | 214 | 8566 |
| 65 | 6442 | 0 | 0 | 0 | 866 | 3312 | 70 | 10690 |

| Filenum | Flag 0 | Flag 1 | Flag 2 | Flag 3 | Flag 4 | Flag 5 | Flag 6 | Total |
|---------|-------------|--------|--------|--------|--------|--------|--------|-------------|
| 66 | 23460 | 0 | 421 | 0 | 766 | 0 | 98 | 24745 |
| 67 | 24749 | 8 | 296 | 0 | 1417 | 22 | 214 | 26706 |
| 68 | 22604 | 23 | 52 | 1 | 1885 | 77 | 254 | 24896 |
| 69 | 25959 | 5 | 0 | 0 | 363 | 67 | 225 | 26619 |
| 70 | 27058 | 0 | 1 | 0 | 636 | 1185 | 1193 | 30073 |
| 71 | 30729 | 1 | 0 | 0 | 1251 | 43 | 1089 | 33113 |
| 72 | 29138 | 0 | 0 | 0 | 3753 | 450 | 529 | 33870 |
| 73 | 21908 | 7 | 0 | 0 | 2839 | 518 | 361 | 25633 |
| 74 | 28049 | 0 | 0 | 0 | 1170 | 2701 | 1564 | 33484 |
| 75 | 14673 | 0 | 0 | 0 | 625 | 5267 | 874 | 21439 |
| 76 | 17918 | 0 | 0 | 0 | 1949 | 3677 | 1881 | 25425 |
| 77 | 8273 | 0 | 8 | 0 | 564 | 3586 | 724 | 13155 |
| 78 | 17397 | 164 | 16 | 0 | 992 | 694 | 5603 | 24866 |
| 79 | 15510 | 3 | 0 | 0 | 836 | 2557 | 3653 | 22559 |
| 80 | 957 | 3 | 0 | 0 | 29 | 692 | 594 | 2275 |
| Total | 2.09676e+06 | 1215 | 1508 | 4 | 154624 | 80915 | 48434 | 2.38346e+06 |

Table 4: Percentages of each point flag for each file.

| Filenum | Flag 0 % | Flag 1 % | Flag 2 % | Flag 3 % | Flag 4 % | Flag 5 % |
|---------|----------|----------|----------|----------|----------|----------|
| 1 | 8.71 | 89.412 | 0.004 | 1.875 | 0 | 0 |
| 2 | 13.348 | 85.685 | 0.004 | 0.963 | 0 | 0 |
| 3 | 40.198 | 57.133 | 0.008 | 2.661 | 0 | 0 |
| 4 | 13.929 | 85.857 | 0 | 0.214 | 0 | 0 |
| 5 | 16.147 | 83.378 | 0.001 | 0.473 | 0 | 0 |
| 6 | 14.816 | 85.067 | 0.007 | 0.11 | 0 | 0 |
| 7 | 38.621 | 61.193 | 0.002 | 0.185 | 0 | 0 |
| 8 | 29.215 | 70.065 | 0.003 | 0.717 | 0 | 0 |
| 9 | 77.82 | 20.648 | 0.011 | 1.521 | 0 | 0 |
| 10 | 16.327 | 83.549 | 0.004 | 0.12 | 0 | 0 |
| 11 | 50.348 | 48.637 | 0.045 | 0.97 | 0 | 0 |
| 12 | 8.727 | 91.076 | 0.01 | 0.184 | 0 | 0.003 |
| 13 | 6.588 | 93.058 | 0.004 | 0.351 | 0 | 0 |
| 14 | 10.4 | 89.445 | 0.036 | 0.116 | 0 | 0.003 |
| 15 | 15.5 | 84.001 | 0.056 | 0.437 | 0 | 0.005 |
| 16 | 21.49 | 78.259 | 0.07 | 0.18 | 0 | 0 |
| 17 | 27.124 | 71.726 | 0.139 | 1 | 0 | 0.01 |
| 18 | 17.171 | 82.419 | 0.036 | 0.374 | 0 | 0 |
| 19 | 20.462 | 79.293 | 0.108 | 0.137 | 0 | 0 |
| 20 | 26.455 | 73.239 | 0.03 | 0.276 | 0 | 0 |
| 21 | 28.46 | 69.628 | 0.007 | 1.905 | 0 | 0 |
| 22 | 60.988 | 37.547 | 0.001 | 1.465 | 0 | 0 |
| 23 | 9.888 | 89.859 | 0.002 | 0.251 | 0 | 0 |
| 24 | 9.054 | 90.675 | 0.011 | 0.259 | 0 | 0 |
| 25 | 27.939 | 71.436 | 0.001 | 0.624 | 0 | 0 |
| 26 | 56.881 | 41.037 | 0.001 | 2.081 | 0 | 0 |
| 27 | 9.039 | 90.647 | 0 | 0.314 | 0 | 0 |
| 28 | 44.033 | 54.874 | 0.006 | 1.087 | 0 | 0 |
| 29 | 32.575 | 64.643 | 0.001 | 2.781 | 0 | 0 |

| Filenum | Flag 0 % | Flag 1 % | Flag 2 % | Flag 3 % | Flag 4 % | Flag 5 % |
|---------|----------|----------|----------|----------|----------|----------|
| 30 | 11.781 | 87.727 | 0.001 | 0.492 | 0 | 0 |
| 31 | 5.173 | 94.762 | 0 | 0.065 | 0 | 0 |
| 32 | 12.74 | 87.189 | 0.003 | 0.069 | 0 | 0 |
| 33 | 16.488 | 83.48 | 0.003 | 0.029 | 0 | 0 |
| 34 | 16.223 | 83.589 | 0.001 | 0.187 | 0 | 0 |
| 35 | 47.98 | 50.491 | 0.035 | 1.494 | 0 | 0 |
| 36 | 13.324 | 86.343 | 0.002 | 0.331 | 0 | 0 |
| 37 | 56.073 | 43.193 | 0.011 | 0.723 | 0 | 0 |
| 38 | 54.465 | 44.803 | 0.013 | 0.719 | 0 | 0 |
| 39 | 67.262 | 31.895 | 0.03 | 0.814 | 0 | 0 |
| 40 | 5.572 | 94.075 | 0.009 | 0.339 | 0 | 0.005 |
| 41 | 12.02 | 87.907 | 0.028 | 0.046 | 0 | 0 |
| 42 | 51.656 | 47.935 | 0.067 | 0.342 | 0 | 0 |
| 43 | 56.478 | 42.666 | 0.128 | 0.728 | 0 | 0 |
| 44 | 7.955 | 91.91 | 0.009 | 0.126 | 0 | 0 |
| 45 | 10.033 | 89.845 | 0.018 | 0.103 | 0 | 0 |
| 46 | 18.133 | 81.759 | 0.014 | 0.087 | 0 | 0.008 |
| 47 | 16.826 | 83.051 | 0.011 | 0.112 | 0 | 0 |
| 48 | 28.023 | 71.716 | 0.137 | 0.125 | 0 | 0 |
| 49 | 14.893 | 85.016 | 0.029 | 0.063 | 0 | 0 |
| 50 | 53.572 | 44.676 | 0.018 | 1.735 | 0 | 0 |
| 51 | 33.895 | 65.236 | 0.008 | 0.861 | 0 | 0 |
| 52 | 22.084 | 77.671 | 0.029 | 0.216 | 0 | 0 |
| 53 | 36.022 | 62.454 | 0.019 | 1.505 | 0 | 0 |
| 54 | 37.093 | 62.109 | 0.032 | 0.766 | 0 | 0 |
| 55 | 43.203 | 55.807 | 0.037 | 0.953 | 0 | 0 |
| 56 | 65.698 | 32.91 | 0.168 | 1.224 | 0 | 0 |
| 57 | 58.246 | 39.621 | 0.214 | 1.919 | 0 | 0 |
| 58 | 26.832 | 72.874 | 0.02 | 0.274 | 0 | 0 |
| 59 | 59.708 | 37.822 | 0.034 | 2.435 | 0 | 0 |
| 60 | 73.546 | 25.609 | 0.048 | 0.797 | 0 | 0 |
| 61 | 59.784 | 39.262 | 0.09 | 0.864 | 0 | 0 |
| 62 | 39.636 | 58.722 | 0.026 | 1.615 | 0 | 0 |
| 63 | 50.595 | 47.82 | 0.003 | 1.582 | 0 | 0 |
| 64 | 48.408 | 50.44 | 0.013 | 1.139 | 0 | 0 |
| 65 | 5.557 | 94.305 | 0.006 | 0.132 | 0 | 0 |
| 66 | 13.407 | 86.373 | 0 | 0.221 | 0 | 0 |
| 67 | 13.845 | 86.033 | 0 | 0.12 | 0 | 0.002 |
| 68 | 6.56 | 93.092 | 0 | 0.348 | 0 | 0 |
| 69 | 15.054 | 84.807 | 0.002 | 0.137 | 0 | 0 |
| 70 | 4.536 | 95.192 | 0 | 0.272 | 0 | 0 |
| 71 | 15.213 | 84.378 | 0.019 | 0.39 | 0 | 0 |
| 72 | 10.083 | 88.922 | 0.004 | 0.991 | 0 | 0 |
| 73 | 17.746 | 81.388 | 0.004 | 0.862 | 0 | 0 |
| 74 | 34.165 | 65.003 | 0.012 | 0.82 | 0 | 0 |
| 75 | 40.993 | 58.674 | 0.046 | 0.287 | 0 | 0 |
| 76 | 6.102 | 93.476 | 0 | 0.422 | 0 | 0 |
| 77 | 15.371 | 83.759 | 0 | 0.87 | 0 | 0 |
| 78 | 56.422 | 40.874 | 0 | 2.704 | 0 | 0 |
| 79 | 37.084 | 61.904 | 0 | 1.011 | 0 | 0 |

| Filenum | Flag 0 % | Flag 1 % | Flag 2 % | Flag 3 % | Flag 4 % | Flag 5 % |
|---------|----------|----------|----------|----------|----------|----------|
| 80 | 73.069 | 22.692 | 0 | 4.24 | 0 | 0 |

Table 5: Counts of each point flag for each file.

| Filenum | Flag 0 | Flag 1 | Flag 2 | Flag 3 | Flag 4 | Flag 5 | Total |
|---------|-------------|-------------|--------|-------------|--------|--------|-------------|
| 1 | 734123 | 7.5363e+06 | 299 | 158019 | 0 | 0 | 8.42874e+06 |
| 2 | 1.72041e+06 | 1.10441e+07 | 499 | 124170 | 0 | 1 | 1.28892e+07 |
| 3 | 1.32143e+06 | 1.87814e+06 | 266 | 87463 | 0 | 0 | 3.2873e+06 |
| 4 | 2.44384e+06 | 1.5064e+07 | 86 | 37592 | 0 | 0 | 1.75455e+07 |
| 5 | 5.91182e+06 | 3.05263e+07 | 525 | 173313 | 0 | 0 | 3.6612e+07 |
| 6 | 5.84101e+06 | 3.35369e+07 | 2574 | 43499 | 0 | 0 | 3.9424e+07 |
| 7 | 1.37517e+07 | 2.17891e+07 | 601 | 65835 | 0 | 0 | 3.56072e+07 |
| 8 | 1.73892e+07 | 4.1704e+07 | 2004 | 427017 | 0 | 0 | 5.95222e+07 |
| 9 | 1.69032e+07 | 4.48504e+06 | 2377 | 330325 | 0 | 0 | 2.17209e+07 |
| 10 | 4.89679e+06 | 2.50585e+07 | 1246 | 36109 | 0 | 0 | 2.99927e+07 |
| 11 | 2.14523e+06 | 2.07231e+06 | 1934 | 41317 | 0 | 1 | 4.2608e+06 |
| 12 | 2.56075e+06 | 2.67233e+07 | 2945 | 53845 | 0 | 937 | 2.93417e+07 |
| 13 | 1.90002e+06 | 2.68396e+07 | 1121 | 101147 | 0 | 4 | 2.88419e+07 |
| 14 | 2.35439e+06 | 2.02498e+07 | 8153 | 26323 | 0 | 756 | 2.26394e+07 |
| 15 | 6.23426e+06 | 3.37854e+07 | 22391 | 175954 | 0 | 2002 | 4.022e+07 |
| 16 | 5.86475e+06 | 2.13576e+07 | 19183 | 49238 | 2 | 1 | 2.72907e+07 |
| 17 | 8.26083e+06 | 2.18448e+07 | 42424 | 304614 | 9 | 3069 | 3.04557e+07 |
| 18 | 5.44101e+06 | 2.61164e+07 | 11489 | 118629 | 0 | 0 | 3.16875e+07 |
| 19 | 4.30583e+06 | 1.66855e+07 | 22678 | 28887 | 0 | 0 | 2.10429e+07 |
| 20 | 9.16833e+06 | 2.53822e+07 | 10537 | 95797 | 0 | 23 | 3.46569e+07 |
| 21 | 8.31991e+06 | 2.03548e+07 | 1974 | 556764 | 0 | 0 | 2.92334e+07 |
| 22 | 1.29917e+06 | 799823 | 14 | 31207 | 0 | 0 | 2.13021e+06 |
| 23 | 1.97044e+06 | 1.79076e+07 | 489 | 50032 | 0 | 0 | 1.99285e+07 |
| 24 | 3.61976e+06 | 3.62506e+07 | 4558 | 103516 | 0 | 0 | 3.99784e+07 |
| 25 | 1.08321e+07 | 2.76959e+07 | 215 | 241993 | 0 | 0 | 3.87703e+07 |
| 26 | 2.89532e+07 | 2.08884e+07 | 332 | 1.05903e+06 | 0 | 0 | 5.0901e+07 |
| 27 | 8.85144e+06 | 8.8769e+07 | 126 | 307166 | 0 | 0 | 9.79277e+07 |
| 28 | 1.63155e+07 | 2.03322e+07 | 2078 | 402749 | 0 | 0 | 3.70525e+07 |
| 29 | 1.12243e+07 | 2.22742e+07 | 246 | 958315 | 0 | 0 | 3.4457e+07 |
| 30 | 1.06956e+06 | 7.96474e+06 | 46 | 44665 | 0 | 0 | 9.07902e+06 |
| 31 | 1.55603e+06 | 2.85064e+07 | 128 | 19632 | 0 | 0 | 3.00822e+07 |
| 32 | 2.36617e+06 | 1.6194e+07 | 511 | 12723 | 1 | 0 | 1.85734e+07 |
| 33 | 2.63437e+06 | 1.33378e+07 | 410 | 4685 | 0 | 0 | 1.59773e+07 |
| 34 | 5.55622e+06 | 2.86291e+07 | 458 | 63915 | 0 | 0 | 3.42496e+07 |
| 35 | 1.95274e+07 | 2.05493e+07 | 14277 | 607999 | 0 | 0 | 4.06989e+07 |
| 36 | 1.72676e+07 | 1.11901e+08 | 2371 | 429570 | 0 | 0 | 1.29601e+08 |
| 37 | 1.40565e+07 | 1.08278e+07 | 2720 | 181193 | 0 | 6 | 2.50682e+07 |
| 38 | 1.41461e+07 | 1.16365e+07 | 3249 | 186819 | 0 | 0 | 2.59727e+07 |
| 39 | 1.45978e+07 | 6.92218e+06 | 6412 | 176611 | 0 | 0 | 2.1703e+07 |
| 40 | 1.28298e+06 | 2.16625e+07 | 2024 | 78044 | 0 | 1170 | 2.30268e+07 |
| 41 | 1.53328e+06 | 1.12133e+07 | 3532 | 5815 | 0 | 0 | 1.27559e+07 |
| 42 | 2.15942e+06 | 2.00385e+06 | 2811 | 14278 | 0 | 0 | 4.18036e+06 |
| 43 | 2.52951e+06 | 1.91091e+06 | 5748 | 32622 | 0 | 0 | 4.47879e+06 |
| 44 | 3.86181e+06 | 4.46192e+07 | 4323 | 61156 | 0 | 0 | 4.85465e+07 |

| Filenum | Flag 0 | Flag 1 | Flag 2 | Flag 3 | Flag 4 | Flag 5 | Total |
|---------|-------------|-------------|--------|-------------|--------|--------|-------------|
| 45 | 4.13207e+06 | 3.70028e+07 | 7526 | 42624 | 0 | 0 | 4.1185e+07 |
| 46 | 6.87516e+06 | 3.09997e+07 | 5170 | 33042 | 0 | 2907 | 3.7916e+07 |
| 47 | 6.92266e+06 | 3.41705e+07 | 4605 | 46032 | 0 | 0 | 4.11438e+07 |
| 48 | 2.67593e+06 | 6.84822e+06 | 13042 | 11904 | 0 | 1 | 9.54909e+06 |
| 49 | 5.05845e+06 | 2.88768e+07 | 9835 | 21269 | 0 | 0 | 3.39664e+07 |
| 50 | 2.25203e+07 | 1.87805e+07 | 7360 | 729146 | 0 | 0 | 4.20372e+07 |
| 51 | 1.48989e+07 | 2.86752e+07 | 3651 | 378264 | 0 | 0 | 4.3956e+07 |
| 52 | 1.00309e+07 | 3.52791e+07 | 12957 | 98289 | 0 | 0 | 4.54213e+07 |
| 53 | 1.69107e+07 | 2.93195e+07 | 8750 | 706474 | 0 | 0 | 4.69455e+07 |
| 54 | 1.73586e+07 | 2.9065e+07 | 14897 | 358365 | 0 | 0 | 4.67968e+07 |
| 55 | 1.9713e+07 | 2.54637e+07 | 16929 | 434636 | 0 | 0 | 4.56283e+07 |
| 56 | 3.23521e+07 | 1.62064e+07 | 82635 | 602807 | 0 | 0 | 4.9244e+07 |
| 57 | 2.47308e+07 | 1.68225e+07 | 90996 | 814618 | 0 | 0 | 4.24589e+07 |
| 58 | 2.45037e+07 | 6.65507e+07 | 17949 | 250568 | 0 | 0 | 9.1323e+07 |
| 59 | 2.27945e+07 | 1.44394e+07 | 13127 | 929726 | 0 | 0 | 3.81767e+07 |
| 60 | 2.18752e+07 | 7.61704e+06 | 14311 | 237094 | 0 | 0 | 2.97436e+07 |
| 61 | 1.54529e+07 | 1.01483e+07 | 23366 | 223222 | 0 | 0 | 2.58478e+07 |
| 62 | 1.4115e+07 | 2.09115e+07 | 9424 | 575267 | 0 | 11 | 3.56112e+07 |
| 63 | 1.12077e+07 | 1.05931e+07 | 581 | 350349 | 0 | 0 | 2.21517e+07 |
| 64 | 5.75554e+06 | 5.99706e+06 | 1593 | 135417 | 0 | 0 | 1.18896e+07 |
| 65 | 5.39126e+06 | 9.14973e+07 | 6156 | 127682 | 0 | 0 | 9.70224e+07 |
| 66 | 1.67202e+06 | 1.07719e+07 | 1 | 27514 | 0 | 0 | 1.24715e+07 |
| 67 | 2.77312e+06 | 1.7232e+07 | 29 | 23998 | 0 | 340 | 2.00295e+07 |
| 68 | 2.80092e+06 | 3.9747e+07 | 21 | 148698 | 0 | 0 | 4.26966e+07 |
| 69 | 4.03122e+06 | 2.27103e+07 | 428 | 36782 | 0 | 0 | 2.67787e+07 |
| 70 | 6.32798e+06 | 1.32801e+08 | 440 | 378934 | 0 | 0 | 1.39509e+08 |
| 71 | 6.28176e+06 | 3.48411e+07 | 7841 | 161177 | 0 | 0 | 4.12919e+07 |
| 72 | 4.89716e+06 | 4.31892e+07 | 2124 | 481129 | 0 | 0 | 4.85696e+07 |
| 73 | 5.19481e+06 | 2.38246e+07 | 1153 | 252353 | 0 | 0 | 2.92729e+07 |
| 74 | 1.50779e+07 | 2.86872e+07 | 5133 | 361681 | 0 | 0 | 4.41319e+07 |
| 75 | 1.15656e+07 | 1.65542e+07 | 12945 | 80935 | 0 | 0 | 2.82137e+07 |
| 76 | 6.36694e+06 | 9.75364e+07 | 52 | 440803 | 0 | 0 | 1.04344e+08 |
| 77 | 4.13509e+06 | 2.25328e+07 | 0 | 234070 | 0 | 0 | 2.6902e+07 |
| 78 | 1.43666e+07 | 1.04077e+07 | 5 | 688545 | 0 | 1 | 2.54628e+07 |
| 79 | 1.05409e+07 | 1.75959e+07 | 59 | 287451 | 0 | 0 | 2.84243e+07 |
| 80 | 1.67727e+06 | 520885 | 2 | 97317 | 0 | 0 | 2.29548e+06 |
| Total | 7.17664e+08 | 2.09105e+09 | 607477 | 1.89178e+07 | 12 | 11230 | 2.82825e+09 |

Table 6: Percentages of each special areas flag for each file.

| Filenum | Flag 0 % | Flag 1 % | Flag 2 % | Flag 3 % | Flag 4 % | Flag 5 % |
|---------|----------|----------|----------|----------|----------|----------|
| 1 | 99.7 | 0 | 0 | 0.04 | 0.26 | 0 |
| 2 | 100 | 0 | 0 | 0 | 0 | 0 |
| 3 | 94.4 | 5.6 | 0 | 0 | 0 | 0 |
| 4 | 93.28 | 6.72 | 0 | 0 | 0 | 0 |
| 5 | 99.23 | 0.77 | 0 | 0 | 0 | 0 |
| 6 | 100 | 0 | 0 | 0 | 0 | 0 |
| 7 | 98.72 | 0.99 | 0 | 0 | 0.29 | 0 |
| 8 | 100 | 0 | 0 | 0 | 0 | 0 |

| Filenum | Flag 0 % | Flag 1 % | Flag 2 % | Flag 3 % | Flag 4 % | Flag 5 % |
|---------|----------|----------|----------|----------|----------|----------|
| 9 | 100 | 0 | 0 | 0 | 0 | 0 |
| 10 | 92.94 | 0 | 0 | 7.06 | 0 | 0 |
| 11 | 90.3 | 0 | 0 | 9.69 | 0.01 | 0 |
| 12 | 93.32 | 0 | 0 | 6.46 | 0 | 0.22 |
| 13 | 85.44 | 0.51 | 0 | 14.05 | 0 | 0 |
| 14 | 84.66 | 0.23 | 0 | 15.08 | 0 | 0.04 |
| 15 | 90.99 | 0.43 | 0 | 7.15 | 0 | 1.44 |
| 16 | 100 | 0 | 0 | 0 | 0 | 0 |
| 17 | 99.98 | 0 | 0 | 0 | 0 | 0.02 |
| 18 | 98.92 | 0 | 0 | 1.08 | 0 | 0 |
| 19 | 93.28 | 0.81 | 0 | 5.91 | 0 | 0 |
| 20 | 99.99 | 0 | 0 | 0.01 | 0 | 0 |
| 21 | 99.88 | 0.01 | 0 | 0 | 0.11 | 0 |
| 22 | 100 | 0 | 0 | 0 | 0 | 0 |
| 23 | 100 | 0 | 0 | 0 | 0 | 0 |
| 24 | 99.91 | 0 | 0 | 0 | 0.09 | 0 |
| 25 | 100 | 0 | 0 | 0 | 0 | 0 |
| 26 | 100 | 0 | 0 | 0 | 0 | 0 |
| 27 | 100 | 0 | 0 | 0 | 0 | 0 |
| 28 | 78.57 | 14.18 | 2.54 | 0 | 4.71 | 0 |
| 29 | 73.71 | 0.24 | 25.86 | 0 | 0.19 | 0 |
| 30 | 99.19 | 0 | 0 | 0 | 0.81 | 0 |
| 31 | 97.39 | 2.61 | 0 | 0 | 0 | 0 |
| 32 | 99.47 | 0 | 0 | 0 | 0.53 | 0 |
| 33 | 98.6 | 0 | 0 | 0 | 1.4 | 0 |
| 34 | 97.25 | 0 | 0 | 0.35 | 2.41 | 0 |
| 35 | 88.39 | 0 | 0 | 0.06 | 11.54 | 0 |
| 36 | 92.85 | 0 | 0 | 0 | 7.15 | 0 |
| 37 | 96.07 | 0 | 0 | 0 | 3.93 | 0 |
| 38 | 93.56 | 0.01 | 0 | 0 | 6.44 | 0 |
| 39 | 75.35 | 0 | 0 | 0 | 24.65 | 0 |
| 40 | 97.28 | 0 | 0 | 2.14 | 0.58 | 0 |
| 41 | 100 | 0 | 0 | 0 | 0 | 0 |
| 42 | 100 | 0 | 0 | 0 | 0 | 0 |
| 43 | 100 | 0 | 0 | 0 | 0 | 0 |
| 44 | 99.99 | 0 | 0 | 0.01 | 0 | 0 |
| 45 | 99.99 | 0 | 0 | 0.01 | 0 | 0 |
| 46 | 99.92 | 0 | 0 | 0.08 | 0 | 0 |
| 47 | 99.82 | 0 | 0 | 0.18 | 0 | 0 |
| 48 | 99.99 | 0 | 0 | 0.01 | 0 | 0 |
| 49 | 96.84 | 0 | 0 | 3.16 | 0 | 0 |
| 50 | 99.94 | 0.06 | 0 | 0.01 | 0 | 0 |
| 51 | 100 | 0 | 0 | 0 | 0 | 0 |
| 52 | 97.75 | 0 | 0 | 2.25 | 0 | 0 |
| 53 | 100 | 0 | 0 | 0 | 0 | 0 |
| 54 | 100 | 0 | 0 | 0 | 0 | 0 |
| 55 | 98.72 | 0 | 0 | 1.28 | 0 | 0 |
| 56 | 99.98 | 0 | 0 | 0.02 | 0 | 0 |
| 57 | 96.99 | 0 | 0 | 3.01 | 0 | 0 |
| 58 | 99.08 | 0 | 0 | 0.92 | 0 | 0 |

| Filenum | Flag 0 % | Flag 1 % | Flag 2 % | Flag 3 % | Flag 4 % | Flag 5 % |
|---------|----------|----------|----------|----------|----------|----------|
| 59 | 100 | 0 | 0 | 0 | 0 | 0 |
| 60 | 100 | 0 | 0 | 0 | 0 | 0 |
| 61 | 100 | 0 | 0 | 0 | 0 | 0 |
| 62 | 100 | 0 | 0 | 0 | 0 | 0 |
| 63 | 100 | 0 | 0 | 0 | 0 | 0 |
| 64 | 99.65 | 0 | 0 | 0 | 0.35 | 0 |
| 65 | 76.74 | 23.26 | 0 | 0 | 0 | 0 |
| 66 | 84.51 | 15.49 | 0 | 0 | 0 | 0 |
| 67 | 86.55 | 13.35 | 0.1 | 0 | 0 | 0 |
| 68 | 76.96 | 23.04 | 0 | 0 | 0 | 0 |
| 69 | 88.83 | 10.94 | 0 | 0 | 0 | 0.24 |
| 70 | 85.6 | 14.4 | 0 | 0 | 0 | 0 |
| 71 | 89.84 | 9.55 | 0 | 0 | 0.47 | 0.14 |
| 72 | 50.72 | 46.99 | 0.75 | 1.54 | 0 | 0 |
| 73 | 84.73 | 7.37 | 6.75 | 0 | 1.15 | 0 |
| 74 | 69.25 | 26.03 | 0 | 0 | 4.72 | 0 |
| 75 | 75.59 | 23.58 | 0 | 0 | 0.43 | 0.4 |
| 76 | 49.16 | 43.61 | 7.23 | 0 | 0 | 0 |
| 77 | 78.17 | 14.72 | 7.11 | 0 | 0 | 0 |
| 78 | 100 | 0 | 0 | 0 | 0 | 0 |
| 79 | 90.44 | 6.43 | 3.13 | 0 | 0 | 0 |
| 80 | 100 | 0 | 0 | 0 | 0 | 0 |

Table 7: Counts of each special areas flag for each file.

| Filenum | Flag 0 | Flag 1 | Flag 2 | Flag 3 | Flag 4 | Flag 5 | Total |
|---------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 18884 | 0 | 0 | 7 | 50 | 0 | 18941 |
| 2 | 24979 | 0 | 0 | 0 | 0 | 0 | 24979 |
| 3 | 25229 | 1497 | 0 | 0 | 0 | 0 | 26726 |
| 4 | 31719 | 2284 | 0 | 0 | 0 | 0 | 34003 |
| 5 | 36329 | 283 | 0 | 0 | 0 | 0 | 36612 |
| 6 | 39424 | 0 | 0 | 0 | 0 | 0 | 39424 |
| 7 | 33734 | 339 | 0 | 0 | 99 | 0 | 34172 |
| 8 | 30985 | 0 | 0 | 0 | 0 | 0 | 30985 |
| 9 | 18806 | 0 | 0 | 0 | 0 | 0 | 18806 |
| 10 | 20142 | 0 | 0 | 1529 | 0 | 0 | 21671 |
| 11 | 33168 | 0 | 0 | 3560 | 2 | 1 | 36731 |
| 12 | 29254 | 0 | 0 | 2025 | 0 | 69 | 31348 |
| 13 | 24447 | 145 | 0 | 4021 | 0 | 0 | 28613 |
| 14 | 25386 | 68 | 0 | 4521 | 0 | 11 | 29986 |
| 15 | 36595 | 173 | 0 | 2874 | 0 | 578 | 40220 |
| 16 | 26317 | 0 | 0 | 0 | 0 | 0 | 26317 |
| 17 | 29765 | 0 | 0 | 0 | 0 | 6 | 29771 |
| 18 | 29968 | 0 | 0 | 326 | 0 | 0 | 30294 |
| 19 | 19648 | 171 | 0 | 1245 | 0 | 0 | 21064 |
| 20 | 30056 | 0 | 0 | 2 | 0 | 0 | 30058 |
| 21 | 20136 | 2 | 0 | 0 | 23 | 0 | 20161 |
| 22 | 29181 | 0 | 0 | 0 | 0 | 0 | 29181 |
| 23 | 35460 | 0 | 0 | 0 | 0 | 0 | 35460 |

| Filenum | Flag 0 | Flag 1 | Flag 2 | Flag 3 | Flag 4 | Flag 5 | Total |
|---------|--------|--------|--------|--------|--------|--------|-------|
| 24 | 39705 | 0 | 0 | 0 | 35 | 0 | 39740 |
| 25 | 35439 | 0 | 0 | 0 | 0 | 0 | 35439 |
| 26 | 37154 | 0 | 0 | 0 | 0 | 0 | 37154 |
| 27 | 26727 | 0 | 0 | 0 | 0 | 0 | 26727 |
| 28 | 23667 | 4272 | 765 | 0 | 1420 | 0 | 30124 |
| 29 | 17987 | 59 | 6311 | 0 | 46 | 0 | 24403 |
| 30 | 17657 | 0 | 0 | 0 | 145 | 0 | 17802 |
| 31 | 27718 | 742 | 0 | 0 | 0 | 0 | 28460 |
| 32 | 35530 | 0 | 0 | 0 | 188 | 0 | 35718 |
| 33 | 30890 | 0 | 0 | 0 | 438 | 0 | 31328 |
| 34 | 32945 | 0 | 0 | 117 | 815 | 0 | 33877 |
| 35 | 32704 | 0 | 0 | 24 | 4271 | 0 | 36999 |
| 36 | 26042 | 0 | 0 | 0 | 2004 | 0 | 28046 |
| 37 | 22698 | 0 | 0 | 0 | 929 | 0 | 23627 |
| 38 | 17685 | 1 | 0 | 0 | 1217 | 0 | 18903 |
| 39 | 12999 | 0 | 0 | 0 | 4253 | 0 | 17252 |
| 40 | 19146 | 0 | 0 | 421 | 114 | 0 | 19681 |
| 41 | 24672 | 0 | 0 | 1 | 0 | 0 | 24673 |
| 42 | 36351 | 0 | 0 | 0 | 0 | 0 | 36351 |
| 43 | 38946 | 0 | 0 | 0 | 0 | 0 | 38946 |
| 44 | 48252 | 0 | 0 | 5 | 0 | 0 | 48257 |
| 45 | 41389 | 0 | 0 | 3 | 0 | 0 | 41392 |
| 46 | 39098 | 0 | 0 | 31 | 0 | 0 | 39129 |
| 47 | 41112 | 0 | 0 | 73 | 0 | 0 | 41185 |
| 48 | 37151 | 0 | 0 | 5 | 0 | 0 | 37156 |
| 49 | 33944 | 0 | 0 | 1109 | 0 | 0 | 35053 |
| 50 | 41026 | 23 | 0 | 3 | 0 | 0 | 41052 |
| 51 | 39960 | 0 | 0 | 0 | 0 | 0 | 39960 |
| 52 | 40475 | 0 | 0 | 930 | 0 | 0 | 41405 |
| 53 | 45890 | 0 | 0 | 0 | 0 | 0 | 45890 |
| 54 | 45700 | 0 | 0 | 0 | 0 | 0 | 45700 |
| 55 | 40988 | 0 | 0 | 530 | 0 | 0 | 41518 |
| 56 | 44801 | 0 | 0 | 7 | 0 | 0 | 44808 |
| 57 | 37437 | 0 | 0 | 1162 | 0 | 0 | 38599 |
| 58 | 34431 | 0 | 0 | 319 | 0 | 0 | 34750 |
| 59 | 33965 | 0 | 0 | 0 | 0 | 0 | 33965 |
| 60 | 28193 | 0 | 0 | 0 | 0 | 0 | 28193 |
| 61 | 18397 | 0 | 0 | 0 | 0 | 0 | 18397 |
| 62 | 22496 | 0 | 0 | 0 | 0 | 0 | 22496 |
| 63 | 15666 | 0 | 0 | 0 | 0 | 0 | 15666 |
| 64 | 8536 | 0 | 0 | 0 | 30 | 0 | 8566 |
| 65 | 8203 | 2487 | 0 | 0 | 0 | 0 | 10690 |
| 66 | 20912 | 3832 | 1 | 0 | 0 | 0 | 24745 |
| 67 | 23113 | 3565 | 28 | 0 | 0 | 0 | 26706 |
| 68 | 19161 | 5735 | 0 | 0 | 0 | 0 | 24896 |
| 69 | 23645 | 2911 | 0 | 0 | 0 | 63 | 26619 |
| 70 | 25743 | 4330 | 0 | 0 | 0 | 0 | 30073 |
| 71 | 29748 | 3163 | 0 | 0 | 154 | 48 | 33113 |
| 72 | 17180 | 15914 | 253 | 523 | 0 | 0 | 33870 |
| 73 | 21719 | 1889 | 1731 | 0 | 294 | 0 | 25633 |

| Filenum | Flag 0 | Flag 1 | Flag 2 | Flag 3 | Flag 4 | Flag 5 | Total |
|---------|-------------|--------|--------|--------|--------|--------|-------------|
| 74 | 23189 | 8716 | 0 | 0 | 1579 | 0 | 33484 |
| 75 | 16205 | 5056 | 0 | 0 | 92 | 86 | 21439 |
| 76 | 12500 | 11087 | 1838 | 0 | 0 | 0 | 25425 |
| 77 | 10283 | 1937 | 935 | 0 | 0 | 0 | 13155 |
| 78 | 24866 | 0 | 0 | 0 | 0 | 0 | 24866 |
| 79 | 20403 | 1451 | 705 | 0 | 0 | 0 | 22559 |
| 80 | 2275 | 0 | 0 | 0 | 0 | 0 | 2275 |
| Total | 2.24433e+06 | 82132 | 12567 | 25373 | 18198 | 862 | 2.38346e+06 |