

Table 1. Coefficients for the annual cycle of surface temperature for MARMAP standard station locations. See text for explanation.

| Sta | Lat | Lon | Depth | C1 | A1 | B1 | C2 | A2 | B2 | C3 | A3 | B3 | Sdv |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| 1 | 35.27 | 75.23 | 26 | 21.48 | -2.99 | -3.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.49 |
| 2 | 35.47 | 75.25 | 29 | 17.25 | -8.15 | -6.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.11 |
| 3 | 35.68 | 74.97 | 54 | 17.48 | -7.98 | -6.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.33 |
| 4 | 35.85 | 75.48 | 19 | 15.34 | -7.75 | -6.89 | -0.16 | -0.07 | -1.10 | 0.00 | 0.00 | 0.00 | 1.56 |
| 5 | 36.25 | 75.53 | 26 | 15.26 | -7.52 | -7.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.43 |
| 6 | 36.38 | 75.25 | 35 | 15.40 | -6.94 | -7.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.36 |
| 7 | 36.15 | 75.10 | 36 | 15.58 | -6.68 | -7.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.68 |
| 8 | 36.27 | 74.77 | 413 | 17.10 | -4.63 | -5.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.98 |
| 9 | 36.65 | 74.87 | 47 | 16.24 | -5.40 | -6.15 | 0.28 | 1.93 | 1.03 | 0.00 | 0.00 | 0.00 | 1.96 |
| 10 | 36.72 | 75.37 | 20 | 15.20 | -7.09 | -7.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.41 |
| 11 | 36.55 | 75.78 | 18 | 14.80 | -7.85 | -7.00 | -0.15 | 0.12 | -1.16 | 0.00 | 0.00 | 0.00 | 1.51 |
| 12 | 36.95 | 75.80 | 12 | 14.65 | -8.26 | -7.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.64 |
| 13 | 36.92 | 75.55 | 18 | 14.96 | -7.54 | -6.97 | 0.09 | 1.21 | -0.72 | 0.00 | 0.00 | 0.00 | 1.33 |
| 14 | 36.88 | 75.32 | 24 | 15.27 | -7.25 | -7.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.40 |
| 15 | 36.85 | 75.07 | 35 | 15.61 | -6.58 | -6.89 | 0.14 | 1.21 | 0.58 | 0.00 | 0.00 | 0.00 | 1.42 |
| 16 | 36.82 | 74.83 | 49 | 15.82 | -6.10 | -6.44 | 0.27 | 1.48 | 1.17 | 0.00 | 0.00 | 0.00 | 1.55 |
| 17 | 36.77 | 74.58 | 1174 | 18.01 | -3.41 | -4.82 | 0.39 | 1.85 | 2.71 | 0.00 | 0.00 | 0.00 | 1.88 |
| 19 | 37.22 | 74.75 | 68 | 15.96 | -4.87 | -5.68 | 0.61 | 2.25 | 2.06 | 0.00 | 0.00 | 0.00 | 1.87 |
| 20 | 37.30 | 75.15 | 28 | 14.62 | -6.88 | -6.64 | 0.17 | 1.48 | 0.00 | 0.00 | 0.00 | 0.00 | 1.36 |
| 21 | 37.25 | 75.67 | 11 | 14.20 | -8.29 | -7.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.60 |
| 22 | 37.62 | 75.32 | 17 | 13.98 | -7.54 | -7.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.57 |
| 23 | 37.80 | 75.28 | 16 | 13.67 | -7.86 | -7.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.56 |
| 24 | 37.52 | 74.95 | 31 | 14.81 | -6.87 | -7.36 | 0.20 | 1.45 | 0.56 | 0.00 | 0.00 | 0.00 | 1.26 |
| 25 | 37.52 | 74.65 | 60 | 15.52 | -4.67 | -5.48 | 0.45 | 2.25 | 1.63 | 0.00 | 0.00 | 0.00 | 1.66 |
| 26 | 37.63 | 74.35 | 98 | 16.00 | -4.90 | -5.54 | 0.48 | 1.49 | 2.05 | 0.00 | 0.00 | 0.00 | 1.68 |
| 27 | 37.80 | 74.77 | 40 | 14.68 | -6.65 | -6.93 | 0.11 | 1.07 | 0.58 | 0.06 | 0.80 | 0.42 | 0.99 |
| 28 | 38.17 | 74.90 | 25 | 13.69 | -6.95 | -7.37 | 0.04 | 0.62 | -0.72 | 0.00 | 0.00 | 0.00 | 1.22 |
| 29 | 38.75 | 74.95 | 18 | 12.62 | -7.35 | -7.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.46 |
| 30 | 38.58 | 74.80 | 27 | 13.12 | -7.07 | -7.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.37 |
| 31 | 38.42 | 74.65 | 32 | 14.00 | -6.83 | -7.56 | 0.17 | 1.06 | 0.45 | 0.00 | 0.00 | 0.00 | 1.19 |
| 32 | 38.23 | 74.52 | 41 | 14.22 | -6.42 | -6.87 | 0.17 | 1.36 | 0.63 | 0.00 | 0.00 | 0.00 | 1.25 |
| 33 | 38.07 | 74.37 | 48 | 14.59 | -6.37 | -6.55 | 0.21 | 1.13 | 0.98 | 0.00 | 0.00 | 0.00 | 1.12 |
| 34 | 37.85 | 74.18 | 116 | 15.49 | -4.40 | -5.92 | 0.35 | 1.63 | 1.95 | 0.00 | 0.00 | 0.00 | 1.58 |
| 35 | 37.68 | 74.05 | 1280 | 17.22 | -3.93 | -5.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.76 |
| 37 | 37.98 | 73.97 | 163 | 16.20 | -4.15 | -4.73 | 0.10 | 1.02 | 1.22 | 0.00 | 0.00 | 0.00 | 1.90 |
| 38 | 38.35 | 73.65 | 125 | 15.30 | -4.59 | -5.74 | 0.22 | 1.16 | 1.78 | 0.00 | 0.00 | 0.00 | 1.93 |
| 39 | 38.42 | 74.12 | 57 | 14.30 | -5.80 | -6.61 | 0.41 | 1.34 | 1.65 | 0.00 | 0.00 | 0.00 | 1.26 |
| 40 | 38.67 | 74.32 | 42 | 13.82 | -6.49 | -7.15 | 0.23 | 0.88 | 0.87 | 0.00 | 0.00 | 0.00 | 1.20 |
| 41 | 38.92 | 74.55 | 22 | 12.65 | -6.37 | -6.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.39 |
| 42 | 39.23 | 74.43 | 17 | 12.63 | -7.00 | -7.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.05 |
| 43 | 39.35 | 74.10 | 24 | 12.77 | -6.84 | -7.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.15 |
| 44 | 38.95 | 74.12 | 40 | 13.69 | -5.62 | -6.99 | 0.12 | 0.82 | 0.63 | 0.00 | 0.00 | 0.00 | 1.12 |
| 45 | 38.75 | 73.75 | 49 | 14.04 | -4.55 | -6.71 | 0.20 | 1.42 | 0.86 | 0.00 | 0.00 | 0.00 | 1.39 |
| 46 | 38.65 | 73.15 | 177 | 15.73 | -3.66 | -5.43 | 0.20 | 0.89 | 1.07 | 0.00 | 0.00 | 0.00 | 1.32 |
| 47 | 38.98 | 73.13 | 78 | 14.44 | -4.51 | -6.22 | 0.11 | 1.75 | 1.49 | 0.00 | 0.00 | 0.00 | 1.75 |
| 49 | 39.28 | 72.85 | 81 | 14.09 | -4.51 | -6.72 | 0.19 | 1.77 | 1.18 | 0.00 | 0.00 | 0.00 | 1.32 |
| 50 | 39.20 | 73.65 | 42 | 13.49 | -5.70 | -6.50 | 0.22 | 1.29 | 0.81 | 0.00 | 0.00 | 0.00 | 0.99 |
| 51 | 39.65 | 73.38 | 33 | 13.03 | -5.83 | -6.54 | 0.23 | 1.19 | 0.58 | 0.00 | 0.00 | 0.00 | 0.97 |
| 52 | 39.57 | 73.82 | 22 | 12.96 | -6.41 | -7.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.22 |
| 53 | 39.72 | 74.05 | 15 | 12.06 | -6.76 | -7.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.43 |
| 54 | 40.12 | 73.80 | 28 | 12.44 | -6.48 | -6.82 | 0.04 | 1.10 | -0.54 | 0.00 | 0.00 | 0.00 | 0.88 |
| 55 | 40.43 | 73.83 | 26 | 12.18 | -6.40 | -6.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.22 |
| 56 | 40.27 | 73.60 | 25 | 12.50 | -6.30 | -7.12 | 0.01 | 0.98 | -0.15 | 0.00 | 0.00 | 0.00 | 1.01 |
| 57 | 40.10 | 73.38 | 40 | 12.62 | -5.65 | -6.98 | 0.10 | 1.25 | 0.21 | 0.00 | 0.00 | 0.00 | 0.93 |
| 58 | 39.87 | 73.08 | 66 | 13.05 | -4.76 | -6.09 | 0.21 | 1.65 | 0.65 | 0.00 | 0.00 | 0.00 | 1.04 |
| 59 | 39.65 | 72.77 | 69 | 13.05 | -4.27 | -6.13 | 0.13 | 1.45 | 0.48 | 0.00 | 0.00 | 0.00 | 1.13 |
| 60 | 39.47 | 72.55 | 112 | 13.78 | -3.76 | -6.61 | 0.28 | 1.86 | 1.15 | 0.00 | 0.00 | 0.00 | 1.51 |
| 61 | 39.30 | 72.32 | 249 | 15.73 | -3.86 | -6.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.94 |
| 64 | 39.55 | 72.12 | 226 | 14.83 | -3.65 | -6.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.21 |
| 65 | 39.85 | 72.45 | 74 | 13.17 | -4.21 | -6.60 | 0.15 | 1.39 | 1.49 | 0.00 | 0.00 | 0.00 | 1.41 |
| 66 | 40.32 | 72.72 | 50 | 12.48 | -4.23 | -6.33 | 0.02 | 0.92 | 0.54 | 0.00 | 0.00 | 0.00 | 1.14 |
| 67 | 40.47 | 73.22 | 26 | 11.95 | -5.70 | -7.04 | 0.01 | 0.90 | -0.09 | 0.00 | 0.00 | 0.00 | 1.14 |
| 68 | 40.73 | 72.67 | 26 | 11.32 | -5.38 | -6.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.05 |
| 69 | 40.57 | 72.47 | 41 | 12.21 | -4.60 | -6.49 | 0.00 | 0.91 | 0.30 | 0.00 | 0.00 | 0.00 | 1.10 |
| 70 | 40.23 | 71.95 | 65 | 12.99 | -3.97 | -6.75 | 0.04 | 1.34 | 1.15 | 0.00 | 0.00 | 0.00 | 1.46 |

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|-----|-------|-------|-----|-------|-------|-------|-------|-------|-------|------|------|-------|------|
| 71 | 39.87 | 71.82 | 169 | 14.12 | -3.79 | -6.71 | 0.24 | 1.21 | 1.38 | 0.00 | 0.00 | 0.00 | 1.96 |
| 72 | 40.07 | 71.50 | 92 | 13.23 | -3.71 | -6.69 | 0.22 | 1.70 | 1.84 | 0.00 | 0.00 | 0.00 | 1.42 |
| 73 | 40.52 | 71.60 | 76 | 12.69 | -3.99 | -6.73 | 0.17 | 2.12 | 0.97 | 0.00 | 0.00 | 0.00 | 1.22 |
| 74 | 40.82 | 72.13 | 40 | 11.39 | -4.69 | -6.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 |
| 75 | 41.07 | 71.70 | 45 | 10.92 | -4.27 | -6.26 | -0.01 | 0.83 | -0.14 | 0.00 | 0.00 | 0.00 | 0.73 |
| 76 | 41.33 | 71.35 | 30 | 11.25 | -5.35 | -6.63 | 0.04 | 1.19 | -0.01 | 0.00 | 0.00 | 0.00 | 0.86 |
| 77 | 41.15 | 71.25 | 40 | 11.27 | -4.47 | -6.48 | 0.10 | 1.23 | 0.22 | 0.00 | 0.00 | 0.00 | 0.77 |
| 78 | 40.97 | 71.17 | 50 | 11.46 | -3.94 | -6.37 | 0.14 | 1.43 | 0.53 | 0.00 | 0.00 | 0.00 | 0.93 |
| 79 | 40.68 | 71.03 | 62 | 11.81 | -4.08 | -6.72 | 0.08 | 1.70 | 0.43 | 0.00 | 0.00 | 0.00 | 1.18 |
| 80 | 40.35 | 70.85 | 99 | 12.64 | -3.95 | -6.67 | 0.10 | 1.16 | 1.31 | 0.00 | 0.00 | 0.00 | 1.34 |
| 81 | 40.17 | 70.77 | 132 | 13.32 | -3.59 | -6.55 | 0.08 | 1.13 | 1.48 | 0.00 | 0.00 | 0.00 | 1.66 |
| 82 | 39.98 | 70.67 | 406 | 14.42 | -3.36 | -6.01 | 0.21 | 0.34 | 1.75 | 0.00 | 0.00 | 0.00 | 1.70 |
| 85 | 40.22 | 70.42 | 114 | 12.71 | -3.62 | -6.32 | 0.06 | 1.22 | 1.20 | 0.00 | 0.00 | 0.00 | 1.69 |
| 86 | 40.70 | 70.58 | 57 | 11.25 | -3.61 | -6.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 |
| 87 | 41.17 | 71.00 | 34 | 10.99 | -4.31 | -6.23 | -0.01 | 0.90 | -0.10 | 0.00 | 0.00 | 0.00 | 0.95 |
| 88 | 41.05 | 70.55 | 44 | 10.59 | -3.83 | -6.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.16 |
| 89 | 40.68 | 70.18 | 45 | 10.37 | -3.35 | -6.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.23 |
| 90 | 40.40 | 69.70 | 70 | 11.42 | -2.93 | -5.64 | 0.04 | 0.80 | 0.92 | 0.00 | 0.00 | 0.00 | 1.25 |
| 91 | 40.13 | 69.57 | 91 | 12.28 | -3.21 | -6.06 | 0.06 | 0.58 | 0.79 | 0.00 | 0.00 | 0.00 | 1.31 |
| 93 | 40.88 | 69.57 | 37 | 9.00 | -2.17 | -4.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 |
| 94 | 41.53 | 69.43 | 63 | 9.95 | -3.98 | -5.06 | 0.27 | 1.08 | 1.27 | 0.00 | 0.00 | 0.00 | 0.83 |
| 95 | 41.97 | 69.83 | 96 | 9.83 | -4.05 | -5.52 | 0.08 | 0.95 | 1.09 | 0.00 | 0.00 | 0.00 | 1.00 |
| 96 | 42.25 | 69.72 | 220 | 10.71 | -4.23 | -5.14 | 0.10 | 0.91 | 1.41 | 0.00 | 0.00 | 0.00 | 0.89 |
| 97 | 42.10 | 70.33 | 61 | 9.98 | -5.30 | -5.45 | -0.06 | 1.49 | 0.54 | 0.00 | 0.00 | 0.00 | 1.19 |
| 98 | 42.43 | 70.63 | 75 | 9.59 | -4.53 | -4.74 | -0.11 | 1.35 | 0.18 | 0.00 | 0.00 | 0.00 | 0.77 |
| 99 | 42.80 | 70.53 | 101 | 10.05 | -5.05 | -4.90 | 0.04 | 1.56 | 1.15 | 0.00 | 0.00 | 0.00 | 1.12 |
| 100 | 42.83 | 70.00 | 197 | 9.98 | -3.64 | -4.98 | 0.02 | 0.96 | 1.53 | 0.00 | 0.00 | 0.00 | 0.92 |
| 101 | 43.13 | 69.97 | 157 | 9.96 | -4.04 | -4.94 | 0.09 | 1.50 | 1.43 | 0.00 | 0.00 | 0.00 | 0.91 |
| 102 | 43.40 | 70.20 | 103 | 9.04 | -3.72 | -4.99 | 0.06 | 0.89 | 0.62 | 0.00 | 0.00 | 0.00 | 0.85 |
| 103 | 43.33 | 69.68 | 206 | 9.69 | -4.18 | -4.85 | 0.12 | 1.17 | 1.04 | 0.00 | 0.00 | 0.00 | 0.98 |
| 104 | 43.67 | 69.37 | 100 | 8.55 | -2.81 | -4.56 | -0.16 | 1.53 | 0.53 | 0.00 | 0.00 | 0.00 | 0.83 |
| 105 | 42.97 | 69.28 | 163 | 9.74 | -3.05 | -3.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.91 |
| 106 | 42.58 | 69.23 | 225 | 10.21 | -3.83 | -4.91 | 0.11 | 0.94 | 1.71 | 0.00 | 0.00 | 0.00 | 0.94 |
| 107 | 42.18 | 69.20 | 194 | 10.71 | -4.40 | -5.52 | 0.17 | 0.91 | 1.90 | 0.00 | 0.00 | 0.00 | 0.81 |
| 108 | 41.90 | 69.17 | 216 | 10.67 | -4.17 | -5.64 | 0.08 | 0.93 | 1.77 | 0.00 | 0.00 | 0.00 | 0.81 |
| 109 | 41.65 | 69.15 | 170 | 10.47 | -3.70 | -5.36 | 0.08 | 0.61 | 1.42 | 0.00 | 0.00 | 0.00 | 0.90 |
| 110 | 41.33 | 69.12 | 160 | 10.03 | -3.14 | -5.04 | 0.19 | 0.72 | 1.25 | 0.00 | 0.00 | 0.00 | 0.83 |
| 111 | 41.07 | 69.10 | 89 | 9.05 | -1.64 | -4.42 | 0.09 | 0.29 | 0.89 | 0.00 | 0.00 | 0.00 | 0.92 |
| 112 | 40.92 | 69.10 | 72 | 9.67 | -1.47 | -5.54 | 0.05 | -0.59 | 0.58 | 0.00 | 0.00 | 0.00 | 0.88 |
| 113 | 40.65 | 69.08 | 75 | 10.46 | -2.80 | -6.07 | 0.09 | 0.51 | 0.90 | 0.03 | 0.15 | -0.82 | 1.10 |
| 114 | 40.42 | 69.05 | 80 | 11.52 | -3.31 | -5.67 | 0.14 | 1.66 | 0.98 | 0.00 | 0.00 | 0.00 | 1.09 |
| 115 | 40.08 | 69.02 | 171 | 13.59 | -4.17 | -6.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.91 |
| 117 | 40.48 | 68.62 | 82 | 11.07 | -2.72 | -5.41 | 0.04 | 0.86 | 0.84 | 0.00 | 0.00 | 0.00 | 0.98 |
| 118 | 40.33 | 68.35 | 131 | 12.17 | -4.07 | -5.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 |
| 119 | 40.52 | 67.93 | 109 | 11.11 | -3.06 | -5.71 | 0.12 | 0.25 | 0.82 | 0.00 | 0.00 | 0.00 | 1.30 |
| 120 | 40.80 | 68.28 | 57 | 9.73 | -1.35 | -5.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 |
| 121 | 40.85 | 68.73 | 64 | 9.84 | -1.76 | -5.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.75 |
| 122 | 41.33 | 68.70 | 85 | 9.91 | -2.38 | -5.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.12 |
| 123 | 41.18 | 68.13 | 38 | 10.20 | -2.24 | -5.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 |
| 124 | 41.62 | 68.10 | 35 | 10.04 | -2.72 | -5.62 | 0.08 | -0.56 | 0.15 | 0.00 | 0.00 | 0.00 | 0.57 |
| 125 | 41.87 | 68.18 | 177 | 10.31 | -3.07 | -5.27 | 0.10 | 0.61 | 0.72 | 0.00 | 0.00 | 0.00 | 0.85 |
| 126 | 41.62 | 68.88 | 100 | 10.64 | -3.24 | -5.44 | 0.13 | 0.43 | 1.02 | 0.00 | 0.00 | 0.00 | 0.87 |
| 127 | 41.98 | 68.65 | 168 | 10.57 | -4.06 | -5.39 | 0.05 | 0.87 | 1.57 | 0.00 | 0.00 | 0.00 | 0.60 |
| 128 | 42.17 | 68.80 | 188 | 10.67 | -4.05 | -5.52 | 0.13 | 0.66 | 1.60 | 0.00 | 0.00 | 0.00 | 0.77 |
| 129 | 42.32 | 68.45 | 198 | 10.44 | -4.00 | -5.37 | 0.15 | 1.00 | 1.60 | 0.00 | 0.00 | 0.00 | 0.85 |
| 130 | 42.67 | 68.32 | 207 | 9.68 | -3.06 | -4.43 | 0.17 | 0.93 | 0.89 | 0.00 | 0.00 | 0.00 | 0.81 |
| 131 | 42.75 | 68.77 | 201 | 10.06 | -3.46 | -4.99 | -0.01 | 0.98 | 1.56 | 0.00 | 0.00 | 0.00 | 0.78 |
| 132 | 42.92 | 68.37 | 152 | 9.68 | -3.46 | -4.99 | 0.19 | 0.94 | 1.54 | 0.10 | 0.10 | -0.62 | 0.64 |
| 133 | 43.20 | 67.98 | 203 | 9.74 | -3.27 | -4.72 | 0.13 | 0.48 | 1.16 | 0.00 | 0.00 | 0.00 | 0.95 |
| 134 | 43.38 | 68.13 | 208 | 9.28 | -2.87 | -4.52 | 0.05 | 0.60 | 0.79 | 0.00 | 0.00 | 0.00 | 0.90 |
| 135 | 43.37 | 68.68 | 136 | 9.10 | -2.67 | -4.32 | -0.01 | 0.75 | 0.58 | 0.00 | 0.00 | 0.00 | 0.69 |
| 136 | 43.13 | 69.02 | 172 | 9.71 | -3.45 | -4.36 | -0.07 | 1.12 | 0.83 | 0.00 | 0.00 | 0.00 | 0.85 |
| 137 | 43.62 | 68.93 | 135 | 8.59 | -2.15 | -4.11 | -0.01 | 0.74 | 0.54 | 0.00 | 0.00 | 0.00 | 0.73 |
| 138 | 43.97 | 68.58 | 88 | 7.91 | -2.08 | -4.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 |
| 140 | 43.97 | 68.18 | 108 | 8.30 | -1.60 | -3.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 |
| 141 | 44.33 | 67.72 | 68 | 7.09 | -1.16 | -4.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.45 |
| 142 | 43.82 | 67.72 | 223 | 9.40 | -2.90 | -4.77 | -0.04 | 0.97 | 1.10 | 0.00 | 0.00 | 0.00 | 0.73 |
| 143 | 42.98 | 67.70 | 182 | 9.36 | -2.54 | -4.71 | 0.26 | 0.24 | 1.03 | 0.00 | 0.00 | 0.00 | 0.71 |
| 144 | 42.60 | 67.70 | 201 | 9.68 | -3.14 | -5.49 | 0.07 | 0.73 | 1.23 | 0.00 | 0.00 | 0.00 | 1.02 |
| 145 | 42.30 | 67.70 | 236 | 10.20 | -3.44 | -5.61 | 0.13 | 0.36 | 1.14 | 0.00 | 0.00 | 0.00 | 0.75 |
| 146 | 41.80 | 67.70 | 32 | 9.82 | -2.54 | -5.30 | 0.07 | -0.42 | 0.20 | 0.00 | 0.00 | 0.00 | 0.64 |

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|-----|-------|-------|-----|-------|-------|-------|-------|-------|------|------|------|------|------|
| 147 | 41.50 | 67.68 | 24 | 10.13 | -2.54 | -5.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.64 |
| 148 | 41.27 | 67.68 | 40 | 10.01 | -2.05 | -5.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.62 |
| 149 | 40.93 | 67.68 | 67 | 10.27 | -2.40 | -5.75 | 0.12 | 0.37 | 0.62 | 0.00 | 0.00 | 0.00 | 0.84 |
| 150 | 40.62 | 67.68 | 81 | 10.69 | -2.60 | -5.38 | 0.12 | 0.49 | 0.73 | 0.00 | 0.00 | 0.00 | 0.97 |
| 151 | 40.37 | 67.67 | 780 | 13.87 | -4.28 | -5.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.29 |
| 153 | 40.77 | 67.32 | 97 | 10.42 | -2.79 | -5.20 | 0.07 | 0.41 | 0.81 | 0.00 | 0.00 | 0.00 | 1.07 |
| 154 | 40.67 | 67.08 | 190 | 12.02 | -3.43 | -5.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.53 |
| 155 | 41.22 | 66.93 | 68 | 9.72 | -1.70 | -5.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 |
| 157 | 41.55 | 67.02 | 63 | 9.49 | -1.57 | -5.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.78 |
| 158 | 41.60 | 66.52 | 83 | 9.27 | -1.52 | -5.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.64 |
| 159 | 42.03 | 66.83 | 75 | 9.08 | -1.56 | -4.74 | 0.15 | -0.51 | 0.28 | 0.00 | 0.00 | 0.00 | 0.65 |
| 160 | 41.98 | 67.40 | 22 | 9.37 | -2.07 | -4.99 | 0.16 | -0.45 | 0.37 | 0.00 | 0.00 | 0.00 | 0.65 |
| 161 | 42.18 | 67.25 | 180 | 9.75 | -2.72 | -4.97 | 0.16 | 0.04 | 0.58 | 0.00 | 0.00 | 0.00 | 0.68 |
| 162 | 42.72 | 67.47 | 205 | 9.30 | -2.23 | -4.52 | 0.31 | 0.02 | 0.71 | 0.00 | 0.00 | 0.00 | 0.37 |
| 163 | 42.77 | 66.97 | 170 | 8.92 | -2.06 | -4.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.61 |
| 164 | 43.20 | 66.80 | 142 | 7.92 | -1.21 | -4.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.42 |
| 165 | 43.58 | 66.73 | 126 | 8.63 | -1.52 | -3.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 |
| 166 | 43.50 | 67.00 | 205 | 8.20 | -1.17 | -3.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.68 |
| 167 | 43.70 | 67.43 | 205 | 9.03 | -2.18 | -4.07 | 0.16 | -0.18 | 0.52 | 0.00 | 0.00 | 0.00 | 0.50 |
| 168 | 44.03 | 67.17 | 140 | 8.78 | -2.15 | -3.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 |
| 169 | 44.27 | 67.12 | 139 | 8.14 | -1.45 | -3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 |
| 170 | 44.27 | 66.60 | 201 | 7.89 | -1.11 | -3.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 |
| 171 | 43.53 | 66.33 | 74 | 7.75 | -1.71 | -4.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 |
| 172 | 43.02 | 66.33 | 128 | 7.36 | -1.36 | -4.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 |
| 173 | 42.65 | 66.33 | 110 | 8.35 | -2.17 | -5.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 |
| 174 | 42.47 | 66.33 | 250 | 8.84 | -2.49 | -5.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.18 |
| 175 | 42.28 | 66.33 | 245 | 9.05 | -2.49 | -5.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 |
| 176 | 42.15 | 66.33 | 182 | 9.22 | -2.34 | -4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 |
| 177 | 41.87 | 66.33 | 85 | 9.03 | -1.72 | -4.88 | 0.12 | -0.33 | 0.39 | 0.00 | 0.00 | 0.00 | 0.52 |
| 178 | 41.50 | 66.33 | 89 | 9.45 | -2.26 | -4.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.84 |
| 179 | 41.17 | 66.32 | 155 | 10.70 | -3.46 | -5.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.47 |
| 181 | 44.00 | 66.20 | 22 | 7.23 | -3.10 | -5.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.98 |
| 182 | 43.40 | 67.72 | 261 | 9.57 | -3.05 | -4.67 | 0.00 | 0.70 | 1.01 | 0.00 | 0.00 | 0.00 | 0.74 |
| 183 | 43.28 | 69.33 | 164 | 9.80 | -3.26 | -4.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.31 |
| 184 | 38.57 | 74.88 | 20 | 12.99 | -7.57 | -7.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.60 |
| 185 | 39.92 | 73.93 | 20 | 12.40 | -6.62 | -7.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.12 |
| 186 | 39.87 | 73.55 | 33 | 13.05 | -5.95 | -6.79 | 0.07 | 1.12 | 0.41 | 0.00 | 0.00 | 0.00 | 1.09 |
| 187 | 40.25 | 73.90 | 22 | 12.24 | -6.72 | -6.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.28 |
| 188 | 42.43 | 70.15 | 81 | 10.22 | -4.05 | -4.90 | -0.09 | 1.08 | 1.08 | 0.00 | 0.00 | 0.00 | 1.04 |
| 189 | 42.82 | 66.33 | 62 | 8.10 | -1.44 | -3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.78 |
| 190 | 43.28 | 66.33 | 81 | 6.78 | -0.89 | -4.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 |
| 191 | 41.65 | 65.92 | 125 | 9.11 | -1.96 | -5.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.68 |
| 192 | 41.90 | 65.82 | 148 | 9.06 | -2.57 | -5.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 |
| 193 | 40.87 | 66.62 | 245 | 12.55 | -3.04 | -5.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.22 |