|  |  |  |
| --- | --- | --- |
| Horizontal drift velocity of BT-TS structure (5-4-2022) | | |
| Time (hr) | Drift velocity (m/s) | Altitude (km) |
| 20.06 | -71.8707 | 335.373 |
| -88.63444 | 348.3544 |
| 20.52 | -102.32683 | 335.373 |
| -134.09367 | 348.3544 |
| 21.46 | 166.56897 | 361.3358 |
| 153.70966 | 374.3172 |
| 158.91121 | 400.28 |
| 167.2207 | 413.2614 |
| 139.28442 | 452.2056 |
| 22.4 | 130.72418 | 413.2614 |
| 226.93426 | 478.1684 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Vertical drift velocities | | | | | | | | |
| Time (hr) | Drift velocity (m/s) | Altitude (km) | Time (hr) | Drift velocity (m/s) | Altitude (km) | Time (hr) | Drift velocity (m/s) | Altitude (km) |
| BT-TS structure | | | TS structure | | | BT structure | | |
| 19.03333 | -1.1102 | 327.2969 | 19.16667 | 20.13875 | 342.2866 | 19.13333 | 16.69409 | 372.2658 |
| 19.06667 | 6.7632 | 297.3177 | 19.26667 | 42.42719 | 342.2866 | 19.23333 | 11.98738 | 327.2969 |
| 19.13333 | 0.31795 | 357.2762 | 19.36667 | -44.64233 | 477.1932 | 19.33333 | 13.8959 | 327.2969 |
| 19.13333 | -11.05275 | 297.3177 | 19.46667 | -22.00175 | 462.2036 | 19.43333 | -10.18711 | 297.3177 |
| 19.16667 | 6.65795 | 297.3177 | 19.56667 | 8.4289 | 417.2347 | 19.43333 | 11.12288 | 312.3073 |
| 19.23333 | -24.93105 | 297.3177 | 19.66667 | -35.46009 | 312.3073 | 19.51667 | -8.4446 | 312.3073 |
| 19.26667 | 2.34602 | 312.3073 | 19.66667 | 9.25129 | 417.2347 | 19.51667 | -32.9843 | 312.3073 |
| 19.31667 | -15.35885 | 417.2347 | 19.66667 | -50.80303 | 627.0894 | 19.58333 | -7.50498 | 312.3073 |
| 19.36667 | 11.81551 | 312.3073 | 19.76667 | -121.7715 | 597.1102 | 19.61667 | -11.73807 | 297.3177 |
| 19.41667 | -14.25244 | 417.2347 | 19.76667 | -8.78616 | 432.2243 | 19.61667 | -38.21241 | 327.2969 |
| 19.46667 | -8.56795 | 327.2969 | 19.85 | -66.60488 | 776.9856 | 19.63333 | -15.53209 | 282.3281 |
| 19.51667 | -6.64381 | 432.2243 | 19.85 | -49.8047 | 357.2762 | 19.66667 | -0.68472 | 312.3073 |
| 19.53333 | 11.87015 | 327.2969 | 19.86667 | 20.62101 | 492.1828 | 19.68333 | -23.29496 | 282.3281 |
| 19.56667 | -12.55747 | 327.2969 | 19.86667 | 38.59722 | 327.2969 | 19.68333 | -10.90486 | 312.3073 |
| 19.6 | -16.2275 | 402.2451 | 19.86667 | 24.77767 | 297.3177 | 19.71667 | 5.94954 | 342.2866 |
| 19.61667 | 14.35403 | 297.3177 | 19.91667 | -42.54756 | 357.2762 | 19.73333 | 0.01172 | 282.3281 |
| 19.61667 | -56.57957 | 372.2658 | 19.95 | 21.87516 | 297.3177 | 19.75 | -2.00317 | 312.3073 |
| 19.61667 | 13.92889 | 417.2347 | 19.96667 | 18.5372 | 327.2969 | 19.75 | -13.80651 | 312.3073 |
| 19.61667 | -1.6798 | 297.3177 | 20.05 | -72.38931 | 567.1309 | 19.81667 | 0.30893 | 312.3073 |
| 19.66667 | -1.28371 | 327.2969 | 20.05 | 20.87445 | 312.3073 | 19.83333 | -8.11371 | 312.3073 |
| 19.66667 | -8.8168 | 297.3177 | 20.06667 | -61.65315 | 672.0583 | 19.85 | 4.80984 | 282.3281 |
| 19.68333 | -35.40406 | 312.3073 | 20.06667 | 12.60635 | 462.2036 | 19.88333 | 0.05972 | 312.3073 |
| 19.68333 | -45.01734 | 492.1828 | 20.06667 | 38.67574 | 297.3177 | 19.9 | -0.1306 | 312.3073 |
| 19.71667 | 3.73756 | 312.3073 | 20.11667 | -35.75421 | 477.1932 | 19.9 | -6.1193 | 312.3073 |
| 19.73333 | 2.23348 | 357.2762 | 20.13333 | -43.00654 | 672.0583 | 19.91667 | 24.52436 | 282.3281 |
| 19.75 | -17.36166 | 297.3177 | 20.15 | 2.16558 | 282.3281 | 19.91667 | 7.09184 | 282.3281 |
| 19.75 | -18.70681 | 327.2969 | 20.16667 | 6.81644 | 432.2243 | 19.95 | 4.44853 | 297.3177 |
| 19.75 | 21.46964 | 357.2762 | 20.16667 | 21.09273 | 297.3177 | 19.96667 | 3.19367 | 312.3073 |
| 19.75 | -37.4842 | 312.3073 | 20.18333 | -6.50297 | 462.2036 | 19.96667 | -4.05498 | 327.2969 |
| 19.78333 | -15.05359 | 327.2969 | 20.21667 | 26.53178 | 522.162 | 19.96667 | 4.33486 | 282.3281 |
| 19.78333 | 14.61003 | 372.2658 | 20.25 | 4.76661 | 312.3073 | 20.01667 | 26.79381 | 267.3385 |
| 19.78333 | -39.77366 | 342.2866 | 20.25 | -3.57133 | 477.1932 | 20.01667 | 22.9283 | 297.3177 |
| 19.81667 | -23.1432 | 297.3177 | 20.26667 | 23.79898 | 282.3281 | 20.03333 | 5.59784 | 297.3177 |
| 19.81667 | -48.3106 | 327.2969 | 20.26667 | -11.9605 | 417.2347 | 20.03333 | 15.01661 | 312.3073 |
| 19.81667 | 137.78232 | 657.0687 | 20.28333 | 11.74315 | 537.1517 | 20.05 | 8.24444 | 312.3073 |
| 19.81667 | -24.23006 | 432.2243 | 20.31667 | 46.46836 | 417.2347 | 20.05 | 11.7021 | 312.3073 |
| 19.81667 | 0.50591 | 312.3073 | 20.35 | 7.66681 | 297.3177 | 20.08333 | -1.86303 | 282.3281 |
| 19.85 | -22.34712 | 342.2866 | 20.35 | -0.53736 | 537.1517 | 20.1 | 19.49847 | 312.3073 |
| 19.85 | 24.1207 | 372.2658 | 20.36667 | -22.13459 | 432.2243 | 20.11667 | 17.51623 | 312.3073 |
| 19.86667 | 0.37869 | 342.2866 | 20.36667 | 21.65672 | 297.3177 | 20.11667 | 6.6771 | 297.3177 |
| 19.88333 | -7.90379 | 507.1724 | 20.4 | 59.1409 | 402.2451 | 20.11667 | 22.86804 | 267.3385 |
| 19.88333 | -28.41985 | 312.3073 | 20.4 | 30.40283 | 657.0687 | 20.11667 | -10.0809 | 312.3073 |
| 19.88333 | -50.58139 | 342.2866 | 20.41667 | -12.56967 | 552.1413 | 20.11667 | -3.0135 | 327.2969 |
| 19.9 | -31.62848 | 387.2554 | 20.45 | -29.43905 | 327.2969 | 20.13333 | -0.37474 | 282.3281 |
| 19.91667 | 35.50448 | 372.2658 | 20.46667 | -13.3013 | 612.0998 | 20.15 | -22.75819 | 282.3281 |
| 19.91667 | -3.18068 | 312.3073 | 20.46667 | -18.39347 | 597.1102 | 20.16667 | 20.08207 | 312.3073 |
| 19.91667 | -2.276 | 312.3073 | 20.46667 | 43.20714 | 387.2554 | 20.16667 | -15.50765 | 327.2969 |
| 19.95 | 17.26988 | 327.2969 | 20.5 | 4.39307 | 387.2554 | 20.18333 | 12.90374 | 297.3177 |
| 19.95 | -28.0042 | 462.2036 | 20.53333 | 4.54205 | 417.2347 | 20.2 | -0.61497 | 282.3281 |
| 19.95 | 17.26274 | 327.2969 | 20.53333 | 18.46094 | 657.0687 | 20.2 | 11.80784 | 312.3073 |
| 19.95 | -30.83765 | 477.1932 | 20.53333 | -4.65588 | 627.0894 | 20.21667 | 1.98861 | 312.3073 |
| 19.95 | -14.38875 | 717.0271 | 20.55 | 17.8642 | 297.3177 | 20.21667 | 26.75649 | 267.3385 |
| 19.95 | -42.57033 | 357.2762 | 20.58333 | -13.04963 | 522.162 | 20.23333 | -14.37722 | 282.3281 |
| 19.96667 | 47.23516 | 372.2658 | 20.6 | 0.81167 | 642.079 | 20.23333 | -5.71871 | 327.2969 |
| 19.96667 | -77.59858 | 702.0375 | 20.6 | 8.28758 | 402.2451 | 20.23333 | 17.05945 | 312.3073 |
| 19.98333 | 17.69338 | 312.3073 | 20.63333 | 8.06316 | 522.162 | 20.25 | 11.12582 | 372.2658 |
| 20.01667 | -6.83339 | 447.2139 | 20.65 | 4.63777 | 297.3177 | 20.25 | 5.46343 | 417.2347 |
| 20.01667 | 13.99196 | 342.2866 | 20.65 | -10.68598 | 297.3177 | 20.26667 | -10.12375 | 297.3177 |
| 20.01667 | 22.65619 | 327.2969 | 20.65 | -2.92001 | 522.162 | 20.26667 | 21.11065 | 327.2969 |
| 20.01667 | 31.49932 | 447.2139 | 20.66667 | -1.01922 | 402.2451 | 20.28333 | 1.98861 | 312.3073 |
| 20.03333 | -42.67166 | 312.3073 | 20.68333 | -3.16127 | 582.1205 | 20.28333 | -0.63699 | 327.2969 |
| 20.03333 | 51.78283 | 372.2658 | 20.71667 | -9.02335 | 492.1828 | 20.3 | 22.3258 | 297.3177 |
| 20.03333 | -82.36646 | 791.9753 | 20.71667 | 15.20295 | 507.1724 | 20.3 | -16.86582 | 282.3281 |
| 20.05 | -27.93786 | 342.2866 | 20.73333 | 9.55947 | 387.2554 | 20.3 | 18.81372 | 357.2762 |
| 20.06667 | -139.83143 | 567.1309 | 20.75 | -1.69694 | 297.3177 | 20.35 | -9.75075 | 297.3177 |
| 20.06667 | -3.93642 | 312.3073 | 20.75 | -13.09897 | 582.1205 | 20.35 | 7.35871 | 387.2554 |
| 20.06667 | 20.51731 | 327.2969 | 20.75 | 0.43438 | 297.3177 | 20.35 | -8.11425 | 327.2969 |
| 20.08333 | -33.42656 | 372.2658 | 20.75 | 23.41229 | 537.1517 | 20.35 | 27.27309 | 312.3073 |
| 20.08333 | 40.78688 | 357.2762 | 20.76667 | -59.41806 | 612.0998 | 20.36667 | 34.74747 | 312.3073 |
| 20.1 | 7.02344 | 342.2866 | 20.78333 | 22.735 | 507.1724 | 20.38333 | -0.14234 | 282.3281 |
| 20.1 | 21.02378 | 447.2139 | 20.8 | 13.97913 | 372.2658 | 20.38333 | 22.29375 | 297.3177 |
| 20.11667 | 9.99419 | 672.0583 | 20.8 | -0.07418 | 492.1828 | 20.38333 | -1.96756 | 417.2347 |
| 20.11667 | -7.61083 | 582.1205 | 20.81667 | 55.46728 | 552.1413 | 20.38333 | 22.01495 | 297.3177 |
| 20.11667 | 30.8387 | 387.2554 | 20.81667 | 21.9272 | 552.1413 | 20.4 | -3.70817 | 327.2969 |
| 20.11667 | 92.02215 | 522.162 | 20.83333 | -30.57893 | 612.0998 | 20.4 | -3.4963 | 327.2969 |
| 20.13333 | 6.14447 | 312.3073 | 20.85 | 51.955 | 597.1102 | 20.41667 | 7.8172 | 282.3281 |
| 20.13333 | 11.10313 | 327.2969 | 20.85 | 7.60477 | 297.3177 | 20.41667 | 15.81497 | 297.3177 |
| 20.13333 | -14.87761 | 447.2139 | 20.85 | -13.52668 | 297.3177 | 20.43333 | 31.26583 | 297.3177 |
| 20.15 | -77.74517 | 627.0894 | 20.86667 | 0.84777 | 477.1932 | 20.43333 | -13.86992 | 312.3073 |
| 20.15 | -26.23409 | 462.2036 | 20.86667 | 29.08781 | 447.2139 | 20.45 | 16.1581 | 297.3177 |
| 20.16667 | 8.4776 | 342.2866 | 20.88333 | 8.86981 | 552.1413 | 20.45 | 3.82726 | 282.3281 |
| 20.16667 | 31.42041 | 432.2243 | 20.9 | 30.81594 | 522.162 | 20.46667 | -4.72586 | 327.2969 |
| 20.18333 | -54.25223 | 357.2762 | 20.91667 | 36.17526 | 567.1309 | 20.48333 | 5.13719 | 282.3281 |
| 20.18333 | 14.23746 | 327.2969 | 20.95 | -4.00874 | 297.3177 | 20.5 | 11.93471 | 297.3177 |
| 20.18333 | 25.85739 | 687.0479 | 20.95 | -0.40607 | 462.2036 | 20.5 | 32.97556 | 297.3177 |
| 20.2 | 121.57137 | 642.079 | 20.95 | 11.0534 | 522.162 | 20.51667 | 11.08062 | 297.3177 |
| 20.21667 | -5.73537 | 387.2554 | 20.96667 | 17.92393 | 642.079 | 20.51667 | 2.84566 | 327.2969 |
| 20.21667 | -9.35759 | 447.2139 | 20.96667 | 29.446 | 522.162 | 20.51667 | 26.02941 | 267.3385 |
| 20.21667 | -86.3882 | 642.079 | 21 | 15.22628 | 552.1413 | 20.53333 | -14.8154 | 297.3177 |
| 20.21667 | -8.4132 | 552.1413 | 21.01667 | 15.39242 | 477.1932 | 20.53333 | 2.67204 | 282.3281 |
| 20.23333 | 8.75065 | 327.2969 | 21.01667 | -6.13597 | 447.2139 | 20.53333 | 2.41485 | 297.3177 |
| 20.23333 | 5.98765 | 462.2036 | 21.03333 | 55.57331 | 552.1413 | 20.56667 | 4.54826 | 417.2347 |
| 20.25 | -12.46457 | 357.2762 | 21.03333 | 38.68873 | 642.079 | 20.56667 | 11.82069 | 297.3177 |
| 20.25 | 7.73141 | 687.0479 | 21.05 | 1.54907 | 432.2243 | 20.56667 | 21.85738 | 267.3385 |
| 20.25 | 9.711 | 776.9856 | 21.05 | 31.66458 | 327.2969 | 20.56667 | -0.5103 | 327.2969 |
| 20.26667 | -109.44397 | 672.0583 | 21.05 | 13.72328 | 537.1517 | 20.58333 | -6.22548 | 297.3177 |
| 20.26667 | -49.08701 | 372.2658 | 21.08333 | 10.91206 | 417.2347 | 20.58333 | 12.35721 | 282.3281 |
| 20.28333 | 42.36293 | 402.2451 | 21.1 | 35.87842 | 522.162 | 20.58333 | 26.3109 | 297.3177 |
| 20.28333 | -76.16586 | 597.1102 | 21.1 | -8.91339 | 432.2243 | 20.6 | 5.62915 | 282.3281 |
| 20.3 | 34.45337 | 402.2451 | 21.1 | 43.04393 | 627.0894 | 20.6 | -1.01452 | 297.3177 |
| 20.3 | 13.83707 | 327.2969 | 21.15 | 13.76784 | 432.2243 | 20.61667 | 4.7663 | 327.2969 |
| 20.3 | -1.97419 | 522.162 | 21.15 | 3.10929 | 342.2866 | 20.63333 | 21.26306 | 282.3281 |
| 20.31667 | 1.97338 | 402.2451 | 21.15 | 27.93299 | 402.2451 | 20.65 | -12.13469 | 297.3177 |
| 20.31667 | -13.56648 | 567.1309 | 21.16667 | -4.2375 | 432.2243 | 20.65 | 14.20181 | 282.3281 |
| 20.31667 | -5.89675 | 447.2139 | 21.16667 | 17.90258 | 492.1828 | 20.66667 | -5.69348 | 327.2969 |
| 20.33333 | -89.49653 | 582.1205 | 21.18333 | 34.97997 | 522.162 | 20.66667 | 10.16085 | 297.3177 |
| 20.33333 | 12.81076 | 627.0894 | 21.21667 | 25.8791 | 462.2036 | 20.66667 | 29.06577 | 297.3177 |
| 20.33333 | -21.34077 | 342.2866 | 21.23333 | -2.77761 | 432.2243 | 20.66667 | -2.87996 | 432.2243 |
| 20.35 | -21.83521 | 552.1413 | 21.25 | 48.84079 | 552.1413 | 20.68333 | 22.4187 | 282.3281 |
| 20.35 | -3.94685 | 327.2969 | 21.25 | 39.21889 | 507.1724 | 20.68333 | 6.05273 | 327.2969 |
| 20.35 | -23.51204 | 791.9753 | 21.25 | 22.14925 | 447.2139 | 20.68333 | -3.59283 | 282.3281 |
| 20.36667 | 43.6136 | 357.2762 | 21.25 | 0.82251 | 357.2762 | 20.7 | 6.43043 | 282.3281 |
| 20.36667 | -24.45123 | 537.1517 | 21.26667 | -43.7253 | 537.1517 | 20.71667 | 10.55641 | 282.3281 |
| 20.38333 | -49.94016 | 447.2139 | 21.28333 | 25.11982 | 462.2036 | 20.71667 | 12.51589 | 282.3281 |
| 20.38333 | 17.48034 | 612.0998 | 21.28333 | -20.33771 | 522.162 | 20.73333 | 9.93537 | 327.2969 |
| 20.4 | -21.59484 | 387.2554 | 21.31667 | 23.78162 | 492.1828 | 20.75 | 28.80718 | 282.3281 |
| 20.4 | 16.87432 | 567.1309 | 21.31667 | -2.88383 | 432.2243 | 20.75 | 1.60522 | 282.3281 |
| 20.41667 | -5.57738 | 537.1517 | 21.31667 | 47.81061 | 582.1205 | 20.76667 | -1.39978 | 417.2347 |
| 20.41667 | -4.3316 | 327.2969 | 21.35 | 20.08789 | 447.2139 | 20.76667 | 25.46926 | 357.2762 |
| 20.41667 | 7.4669 | 522.162 | 21.35 | 23.98544 | 432.2243 | 20.78333 | 14.92606 | 297.3177 |
| 20.43333 | -11.71642 | 417.2347 | 21.35 | 12.54881 | 537.1517 | 20.78333 | 10.12429 | 282.3281 |
| 20.43333 | 12.7648 | 342.2866 | 21.35 | 11.82397 | 282.3281 | 20.8 | 11.30902 | 327.2969 |
| 20.43333 | 11.06889 | 342.2866 | 21.38333 | 7.77203 | 462.2036 | 20.8 | 7.93278 | 342.2866 |
| 20.45 | -14.55901 | 447.2139 | 21.38333 | -0.08572 | 432.2243 | 20.81667 | 31.8523 | 267.3385 |
| 20.45 | -38.51515 | 537.1517 | 21.41667 | 28.12264 | 477.1932 | 20.81667 | 20.99122 | 282.3281 |
| 20.46667 | -7.68593 | 327.2969 | 21.41667 | 24.29934 | 372.2658 | 20.81667 | 13.03111 | 282.3281 |
| 20.46667 | 33.77035 | 567.1309 | 21.41667 | 24.6439 | 402.2451 | 20.85 | 9.15976 | 327.2969 |
| 20.46667 | 34.94387 | 417.2347 | 21.45 | 33.89615 | 522.162 | 20.86667 | 39.76854 | 267.3385 |
| 20.48333 | -33.59875 | 387.2554 | 21.45 | 38.31349 | 492.1828 | 20.86667 | 3.32437 | 417.2347 |
| 20.48333 | 8.72528 | 522.162 | 21.46667 | 6.71205 | 402.2451 | 20.86667 | 11.72866 | 267.3385 |
| 20.5 | 19.21179 | 417.2347 | 21.5 | 40.98874 | 282.3281 | 20.86667 | -0.00868 | 342.2866 |
| 20.5 | 12.57648 | 567.1309 | 21.53333 | 29.929 | 477.1932 | 20.86667 | 11.39412 | 282.3281 |
| 20.5 | -1.95317 | 492.1828 | 21.53333 | 2.87239 | 432.2243 | 20.88333 | 19.44086 | 282.3281 |
| 20.51667 | 9.78481 | 537.1517 | 21.55 | 40.63817 | 522.162 | 20.9 | 31.32554 | 252.3488 |
| 20.51667 | 19.1615 | 507.1724 | 21.55 | 20.38444 | 432.2243 | 20.9 | 10.55257 | 267.3385 |
| 20.51667 | 12.62843 | 537.1517 | 21.56667 | 24.21304 | 327.2969 | 20.91667 | 1.76685 | 342.2866 |
| 20.53333 | -9.36693 | 327.2969 | 21.56667 | 46.91734 | 417.2347 | 20.93333 | 24.69155 | 282.3281 |
| 20.53333 | 26.57676 | 417.2347 | 21.6 | 42.43653 | 387.2554 | 20.93333 | 9.28341 | 267.3385 |
| 20.55 | 2.06421 | 432.2243 | 21.6 | 30.15162 | 567.1309 | 20.93333 | 36.24141 | 267.3385 |
| 20.55 | 18.87456 | 567.1309 | 21.61667 | -3.00706 | 417.2347 | 20.95 | 4.67562 | 282.3281 |
| 20.55 | -9.10731 | 582.1205 | 21.63333 | 33.06417 | 522.162 | 20.96667 | 18.083 | 402.2451 |
| 20.56667 | 8.69497 | 342.2866 | 21.63333 | 32.32658 | 432.2243 | 20.96667 | 14.10802 | 327.2969 |
| 20.56667 | 9.67398 | 492.1828 | 21.63333 | 9.53946 | 237.3592 | 20.98333 | 10.33938 | 312.3073 |
| 20.58333 | -10.65583 | 342.2866 | 21.65 | 18.53183 | 462.2036 | 20.98333 | 19.86896 | 252.3488 |
| 20.58333 | 24.69876 | 417.2347 | 21.66667 | 56.27422 | 477.1932 | 21.03333 | 24.59121 | 282.3281 |
| 20.58333 | 15.64992 | 432.2243 | 21.68333 | -8.35627 | 402.2451 | 21.03333 | 16.46751 | 297.3177 |
| 20.6 | 6.69943 | 492.1828 | 21.7 | 4.55952 | 252.3488 | 21.03333 | 18.56695 | 312.3073 |
| 20.6 | 19.70928 | 432.2243 | 21.7 | 4.4043 | 522.162 | 21.05 | 20.95455 | 237.3592 |
| 20.63333 | 6.98165 | 342.2866 | 21.71667 | 8.75584 | 402.2451 | 21.08 | -1.67975 | 282.32 |
| 20.63333 | -8.43573 | 342.2866 | 21.73333 | 25.6323 | 387.2554 | 21.08333 | 42.99 | 297.3177 |
| 20.63333 | 14.92601 | 567.1309 | 21.75 | 39.61935 | 462.2036 | 21.1 | 12.44486 | 297.3177 |
| 20.63333 | 3.53091 | 552.1413 | 21.75 | -8.73481 | 387.2554 | 21.1 | 46.1676 | 282.3281 |
| 20.63333 | -0.64119 | 552.1413 | 21.75 | 21.28254 | 447.2139 | 21.1 | 6.25008 | 312.3073 |
| 20.65 | -2.02178 | 417.2347 | 21.76667 | 3.9372 | 252.3488 | 21.1 | 22.29317 | 252.3488 |
| 20.65 | 18.76378 | 432.2243 | 21.76667 | 1.66803 | 522.162 | 21.13333 | 26.32904 | 267.3385 |
| 20.68333 | 30.68659 | 417.2347 | 21.78333 | -32.93291 | 417.2347 | 21.15 | 13.89023 | 267.3385 |
| 20.68333 | 43.12809 | 522.162 | 21.81667 | 18.28526 | 462.2036 | 21.15 | 24.46735 | 297.3177 |
| 20.7 | 9.62065 | 537.1517 | 21.81667 | -89.52531 | 702.0375 | 21.15 | 24.43942 | 237.3592 |
| 20.7 | -21.31879 | 327.2969 | 21.83333 | 11.8655 | 237.3592 | 21.16667 | 17.33277 | 387.2554 |
| 20.7 | -0.03933 | 342.2866 | 21.83333 | -9.7201 | 372.2658 | 21.18 | -11.73662 | 282.32 |
| 20.71667 | 50.00488 | 357.2762 | 21.83333 | 23.06441 | 417.2347 | 21.18333 | 22.08192 | 252.3488 |
| 20.71667 | -3.54263 | 507.1724 | 21.83333 | -23.12237 | 537.1517 | 21.2 | 27.58101 | 252.3488 |
| 20.71667 | 0.39315 | 552.1413 | 21.85 | 15.75041 | 447.2139 | 21.21667 | -0.58445 | 252.3488 |
| 20.73333 | -44.15436 | 402.2451 | 21.88333 | 19.69396 | 357.2762 | 21.23333 | 17.7587 | 282.3281 |
| 20.73333 | 8.91192 | 387.2554 | 21.88333 | 24.19316 | 447.2139 | 21.25 | 28.56468 | 252.3488 |
| 20.75 | 33.8211 | 507.1724 | 21.91667 | -35.51623 | 552.1413 | 21.25 | 21.50567 | 312.3073 |
| 20.75 | 35.52936 | 447.2139 | 21.91667 | 13.38008 | 372.2658 | 21.26667 | -18.92205 | 252.3488 |
| 20.76667 | -27.38016 | 342.2866 | 21.93333 | -0.088 | 447.2139 | 21.26667 | -3.04754 | 252.3488 |
| 20.76667 | 13.41956 | 537.1517 | 21.93333 | -38.79603 | 252.3488 | 21.28 | 3.95869 | 282.32 |
| 20.76667 | 14.20619 | 492.1828 | 21.95 | 92.61851 | 522.162 | 21.28333 | 8.25114 | 312.3073 |
| 20.78333 | 38.9713 | 372.2658 | 21.98333 | 8.32634 | 477.1932 | 21.28333 | 24.33555 | 237.3592 |
| 20.78333 | 5.59664 | 492.1828 | 21.98333 | 12.12426 | 417.2347 | 21.31667 | 8.42266 | 252.3488 |
| 20.8 | 11.47985 | 447.2139 | 22 | 37.36887 | 372.2658 | 21.31667 | 13.66837 | 282.3281 |
| 20.8 | 23.22619 | 492.1828 | 22.01667 | 30.77137 | 417.2347 | 21.33333 | 1.75426 | 252.3488 |
| 20.8 | -47.40195 | 417.2347 | 22.03333 | 22.52875 | 297.3177 | 21.33333 | 10.0873 | 312.3073 |
| 20.81667 | 5.55627 | 507.1724 | 22.03333 | 23.96668 | 522.162 | 21.35 | 14.70471 | 312.3073 |
| 20.81667 | 26.52292 | 492.1828 | 22.03333 | -37.08589 | 252.3488 | 21.36667 | 9.42278 | 267.3385 |
| 20.83333 | 30.22456 | 432.2243 | 22.05 | 14.22165 | 387.2554 | 21.36667 | 17.97558 | 387.2554 |
| 20.83333 | 17.40423 | 402.2451 | 22.05 | -24.33328 | 252.3488 | 21.38 | 16.92162 | 297.31 |
| 20.83333 | 11.58339 | 492.1828 | 22.05 | -25.01663 | 492.1828 | 21.4 | 14.17219 | 297.3177 |
| 20.85 | 39.68733 | 462.2036 | 22.06667 | 34.13894 | 387.2554 | 21.43333 | 12.38987 | 267.3385 |
| 20.86667 | -1.78276 | 597.1102 | 22.08333 | 48.65079 | 477.1932 | 21.43333 | 4.43689 | 237.3592 |
| 20.86667 | -54.46817 | 432.2243 | 22.1 | 44.61162 | 492.1828 | 21.45 | 17.85832 | 297.3177 |
| 20.86667 | 31.76598 | 447.2139 | 22.11667 | 3.67982 | 252.3488 | 21.48 | 12.01591 | 297.31 |
| 20.86667 | 7.3363 | 477.1932 | 22.11667 | -10.62919 | 357.2762 | 21.48333 | 35.15012 | 267.3385 |
| 20.9 | 16.42403 | 417.2347 | 22.13333 | 34.38275 | 402.2451 | 21.5 | 17.08775 | 297.3177 |
| 20.9 | 14.7758 | 447.2139 | 22.13333 | 22.83523 | 282.3281 | 21.55 | 20.16407 | 297.3177 |
| 20.91667 | -88.75303 | 492.1828 | 22.13333 | 43.49381 | 297.3177 | 21.56667 | 23.89337 | 297.3177 |
| 20.91667 | 12.1119 | 477.1932 | 22.13333 | 112.50984 | 567.1309 | 21.56667 | 15.07408 | 357.2762 |
| 20.91667 | 14.70804 | 432.2243 | 22.16667 | 10.09048 | 387.2554 | 21.58 | 14.57488 | 297.31 |
| 20.91667 | 4.64776 | 387.2554 | 22.18333 | 0.81479 | 267.3385 | 21.6 | 32.9234 | 312.3073 |
| 20.91667 | 33.50859 | 477.1932 | 22.21667 | 30.66209 | 357.2762 | 21.61667 | 27.19082 | 282.3281 |
| 20.93333 | -4.56711 | 462.2036 | 22.23333 | -1.56111 | 477.1932 | 21.65 | 17.5527 | 282.3281 |
| 20.93333 | -3.96031 | 417.2347 | 22.23333 | 22.93871 | 267.3385 | 21.66667 | 13.70127 | 342.2866 |
| 20.93333 | 19.59727 | 432.2243 | 22.25 | 7.99831 | 267.3385 | 21.66667 | 7.26316 | 312.3073 |
| 20.98333 | 17.55488 | 387.2554 | 22.26667 | 77.78968 | 537.1517 | 21.68 | 17.74565 | 282.32 |
| 20.98333 | -66.74867 | 537.1517 | 22.31667 | 49.21083 | 477.1932 | 21.68333 | 21.63628 | 282.3281 |
| 20.98333 | 11.10174 | 417.2347 | 22.33333 | 3.56517 | 492.1828 | 21.73333 | 22.89949 | 282.3281 |
| 20.98333 | 3.84303 | 357.2762 | 22.33333 | 16.3565 | 252.3488 | 21.75 | 15.1734 | 282.3281 |
| 20.98333 | -14.43997 | 417.2347 | 22.33333 | 26.63043 | 267.3385 | 21.76667 | 5.10964 | 342.2866 |
| 20.98333 | -3.94331 | 507.1724 | 22.35 | -100.2775 | 477.1932 | 21.78 | 36.57071 | 267.33 |
| 21 | 6.77091 | 387.2554 | 22.38333 | -0.74968 | 417.2347 | 21.85 | 8.19106 | 267.3385 |
| 21.01667 | 11.5965 | 342.2866 | 22.41667 | 26.64308 | 492.1828 | 21.95 | 11.96436 | 267.3385 |
| 21.01667 | 18.43329 | 462.2036 | 22.43333 | 15.0544 | 477.1932 | 21.95 | 12.95331 | 327.2969 |
| 21.03333 | 23.45309 | 447.2139 | 22.43333 | 8.9547 | 267.3385 | 21.96 | -13.79543 | 237.35 |
| 21.03333 | 0.78359 | 417.2347 | 22.43333 | 17.76871 | 282.3281 | 22.05 | 11.19012 | 252.3488 |
| 21.05 | 24.68178 | 447.2139 | 22.45 | 11.19196 | 387.2554 | 22.06 | 5.08134 | 252.34 |
| 21.05 | 29.5119 | 357.2762 | 22.46667 | 22.71028 | 342.2866 | 22.06667 | -7.70716 | 312.3073 |
| 21.05 | 33.26725 | 462.2036 | 22.48333 | 21.01144 | 417.2347 | 22.15 | 25.44522 | 252.3488 |
| 21.05 | -54.31616 | 552.1413 | 22.5 | 25.53189 | 432.2243 | 22.18333 | 13.77102 | 252.3488 |
| 21.05 | 25.49655 | 357.2762 | 22.51667 | 18.42126 | 462.2036 | 22.23333 | 8.93382 | 297.3177 |
| 21.06667 | 21.00504 | 402.2451 | 22.53333 | 20.39355 | 342.2866 | 22.25 | 12.87319 | 252.3488 |
| 21.1 | -9.13383 | 387.2554 | 22.53333 | 14.2116 | 282.3281 | 22.3 | 29.01922 | 252.3488 |
| 21.1 | 28.3569 | 432.2243 | 22.53333 | 25.0127 | 267.3385 | 22.35 | 6.62727 | 252.3488 |
| 21.1 | 5.06918 | 402.2451 | 22.55 | 0.87724 | 417.2347 | 22.45 | 33.08497 | 342.2866 |
| 21.1 | 21.90791 | 402.2451 | 22.58333 | 29.32627 | 372.2658 | 22.75 | 13.01082 | 282.3281 |
| 21.1 | 29.2946 | 387.2554 | 22.6 | 21.87179 | 357.2762 | 22.85 | 33.18941 | 267.3385 |
| 21.11667 | -3.90596 | 477.1932 | 22.6 | 58.7395 | 417.2347 | 22.93333 | 46.39011 | 267.3385 |
| 21.11667 | 31.13348 | 357.2762 | 22.63333 | 18.49205 | 297.3177 | 23.13333 | 21.36913 | 252.3488 |
| 21.11667 | 13.77317 | 492.1828 | 22.65 | 8.11953 | 387.2554 | 23.23333 | 15.74816 | 237.3592 |
| 21.13333 | 38.00446 | 522.162 | 22.66667 | 13.34587 | 327.2969 |  |  |  |
| 21.13333 | 15.13631 | 402.2451 | 22.66667 | 38.6401 | 402.2451 |  |  |  |
| 21.13333 | -1.44296 | 417.2347 | 22.7 | -31.02071 | 432.2243 |  |  |  |
| 21.13333 | -13.52697 | 462.2036 | 22.71667 | 10.32967 | 477.1932 |  |  |  |
| 21.13333 | 17.10067 | 327.2969 | 22.73333 | -5.84097 | 387.2554 |  |  |  |
| 21.15 | 21.30442 | 477.1932 | 22.73333 | 18.48258 | 372.2658 |  |  |  |
| 21.16667 | 20.56432 | 387.2554 | 22.76667 | 23.13491 | 372.2658 |  |  |  |
| 21.16667 | -0.69298 | 372.2658 | 22.78333 | -10.31975 | 657.0687 |  |  |  |
| 21.16667 | 31.57071 | 387.2554 | 22.8 | 39.13164 | 417.2347 |  |  |  |
| 21.18333 | 16.86875 | 357.2762 | 22.8 | -1.59129 | 402.2451 |  |  |  |
| 21.2 | 7.41591 | 492.1828 | 22.8 | 11.76139 | 357.2762 |  |  |  |
| 21.2 | 1.21296 | 402.2451 | 22.85 | 82.81227 | 507.1724 |  |  |  |
| 21.2 | 26.85051 | 552.1413 | 22.88333 | 10.0016 | 372.2658 |  |  |  |
| 21.21667 | 38.85995 | 342.2866 | 22.88333 | 131.1994 | 492.1828 |  |  |  |
| 21.21667 | 10.21656 | 432.2243 | 22.91667 | 64.00656 | 507.1724 |  |  |  |
| 21.21667 | 23.46844 | 432.2243 | 22.93333 | 1.77823 | 372.2658 |  |  |  |
| 21.23333 | -36.17129 | 462.2036 | 22.93333 | 18.62736 | 297.3177 |  |  |  |
| 21.25 | 36.7852 | 327.2969 | 22.95 | 17.55511 | 432.2243 |  |  |  |
| 21.25 | 7.66249 | 357.2762 | 22.98333 | 19.88821 | 432.2243 |  |  |  |
| 21.26667 | 12.96014 | 477.1932 | 23 | 29.7987 | 372.2658 |  |  |  |
| 21.26667 | 22.92736 | 462.2036 | 23.01667 | 13.74445 | 402.2451 |  |  |  |
| 21.26667 | 28.39334 | 492.1828 | 23.01667 | 22.67067 | 417.2347 |  |  |  |
| 21.28333 | 33.39001 | 357.2762 | 23.05 | 102.57998 | 432.2243 |  |  |  |
| 21.3 | 7.91666 | 462.2036 | 23.08333 | 25.67526 | 372.2658 |  |  |  |
| 21.31667 | 20.52025 | 372.2658 | 23.08333 | 21.24374 | 357.2762 |  |  |  |
| 21.31667 | 30.46605 | 342.2866 | 23.11667 | 137.36875 | 537.1517 |  |  |  |
| 21.31667 | 5.12468 | 432.2243 | 23.13333 | -8.04268 | 447.2139 |  |  |  |
| 21.33333 | 13.24411 | 402.2451 | 23.15 | 10.46994 | 372.2658 |  |  |  |
| 21.33333 | -11.76153 | 462.2036 | 23.15 | 12.22747 | 372.2658 |  |  |  |
| 21.35 | 10.52158 | 462.2036 | 23.2 | 20.19373 | 372.2658 |  |  |  |
| 21.35 | 16.79859 | 402.2451 | 23.21667 | 87.12079 | 432.2243 |  |  |  |
| 21.35 | 33.77278 | 552.1413 | 23.21667 | 27.70835 | 387.2554 |  |  |  |
| 21.36667 | 16.49417 | 297.3177 | 23.23333 | 8.92771 | 387.2554 |  |  |  |
| 21.4 | 18.48943 | 402.2451 | 23.26667 | 98.8623 | 462.2036 |  |  |  |
| 21.4 | 8.93713 | 312.3073 | 23.28333 | -40.60188 | 387.2554 |  |  |  |
| 21.4 | 24.76795 | 402.2451 | 23.28333 | 43.8001 | 402.2451 |  |  |  |
| 21.4 | 12.76385 | 432.2243 | 23.3 | 34.08073 | 432.2243 |  |  |  |
| 21.41667 | 5.45805 | 282.3281 | 23.3 | -7.1816 | 402.2451 |  |  |  |
| 21.41667 | 51.80165 | 387.2554 | 23.33333 | 107.56332 | 432.2243 |  |  |  |
| 21.41667 | 17.03982 | 522.162 | 23.35 | 36.13417 | 387.2554 |  |  |  |
| 21.43333 | 41.2718 | 372.2658 | 23.35 | 0.31368 | 357.2762 |  |  |  |
| 21.43333 | 33.39938 | 387.2554 | 23.36667 | 12.47519 | 372.2658 |  |  |  |
| 21.46667 | 17.83891 | 372.2658 | 23.36667 | 21.30296 | 402.2451 |  |  |  |
| 21.46667 | 24.76471 | 312.3073 | 23.41667 | 99.86036 | 477.1932 |  |  |  |
| 21.46667 | 32.31329 | 297.3177 | 23.41667 | 17.5824 | 387.2554 |  |  |  |
| 21.48333 | 5.07114 | 447.2139 | 23.43333 | 11.49358 | 372.2658 |  |  |  |
| 21.48333 | 31.45258 | 402.2451 | 23.43333 | 11.08067 | 372.2658 |  |  |  |
| 21.5 | 38.04415 | 357.2762 | 23.43333 | 8.42247 | 387.2554 |  |  |  |
| 21.51667 | 8.56368 | 327.2969 | 23.5 | 37.61126 | 372.2658 |  |  |  |
| 21.51667 | 19.18459 | 372.2658 | 23.5 | 35.64286 | 417.2347 |  |  |  |
| 21.51667 | 24.59359 | 342.2866 | 23.5 | 34.84061 | 417.2347 |  |  |  |
| 21.53333 | 25.02617 | 297.3177 | 23.55 | 12.99559 | 417.2347 |  |  |  |
| 21.53333 | 31.24054 | 357.2762 | 23.56667 | 32.62039 | 417.2347 |  |  |  |
| 21.55 | 15.94252 | 417.2347 | 23.56667 | 42.86447 | 417.2347 |  |  |  |
| 21.55 | 17.0062 | 267.3385 | 23.58333 | -13.25978 | 342.2866 |  |  |  |
| 21.55 | 48.01652 | 372.2658 | 23.61667 | 19.81501 | 387.2554 |  |  |  |
| 21.55 | 27.74687 | 462.2036 | 23.63333 | -10.83665 | 417.2347 |  |  |  |
| 21.56667 | 34.82784 | 402.2451 | 23.63333 | -7.97705 | 342.2866 |  |  |  |
| 21.6 | 16.02819 | 387.2554 | 23.65 | 4.07705 | 342.2866 |  |  |  |
| 21.6 | 19.48106 | 357.2762 | 23.7 | -22.21721 | 342.2866 |  |  |  |
| 21.6 | 36.69633 | 312.3073 | 23.7 | 29.07358 | 357.2762 |  |  |  |
| 21.6 | 20.50114 | 327.2969 | 23.7 | -5.22873 | 417.2347 |  |  |  |
| 21.61667 | 27.88958 | 387.2554 | 23.71667 | 66.99776 | 387.2554 |  |  |  |
| 21.61667 | 30.87954 | 342.2866 | 23.76667 | 4.67488 | 342.2866 |  |  |  |
| 21.63333 | 30.08201 | 372.2658 | 23.76667 | 29.05662 | 402.2451 |  |  |  |
| 21.63333 | 51.84222 | 417.2347 | 23.78333 | -54.33365 | 432.2243 |  |  |  |
| 21.66667 | 21.62503 | 327.2969 | 23.78333 | 38.70881 | 417.2347 |  |  |  |
| 21.66667 | 51.75533 | 387.2554 | 23.83333 | 6.06386 | 357.2762 |  |  |  |
| 21.68333 | 12.25533 | 357.2762 | 23.83333 | -13.47451 | 357.2762 |  |  |  |
| 21.68333 | 20.6658 | 402.2451 | 23.85 | 59.55944 | 342.2866 |  |  |  |
| 21.68333 | 22.84499 | 327.2969 | 23.91667 | -83.86653 | 477.1932 |  |  |  |
| 21.7 | 15.05476 | 387.2554 | 23.91667 | -2.67759 | 342.2866 |  |  |  |
| 21.7 | 8.30421 | 282.3281 | 24.05 | 26.73314 | 387.2554 |  |  |  |
| 21.7 | 22.70655 | 357.2762 | 24.05 | -16.98049 | 357.2762 |  |  |  |
| 21.71667 | 27.09059 | 342.2866 | 24.06667 | 1.19675 | 387.2554 |  |  |  |
| 21.71667 | -8.49812 | 372.2658 | 24.06667 | -98.46488 | 537.1517 |  |  |  |
| 21.71667 | 26.63684 | 372.2658 | 24.11667 | 38.37593 | 447.2139 |  |  |  |
| 21.73333 | 1.14653 | 417.2347 | 24.11667 | 25.78985 | 402.2451 |  |  |  |
| 21.73333 | 28.1269 | 312.3073 | 24.13333 | 13.13786 | 327.2969 |  |  |  |
| 21.75 | 26.97496 | 267.3385 | 24.18333 | 32.602 | 447.2139 |  |  |  |
| 21.75 | -42.88991 | 252.3488 | 24.2 | 4.02121 | 327.2969 |  |  |  |
| 21.76667 | 27.75407 | 357.2762 | 24.2 | 12.03376 | 282.3281 |  |  |  |
| 21.76667 | 13.02321 | 417.2347 | 24.25 | 17.55016 | 417.2347 |  |  |  |
| 21.76667 | 3.71252 | 387.2554 | 24.26667 | -56.74516 | 402.2451 |  |  |  |
| 21.78333 | 10.44188 | 387.2554 | 24.31667 | -7.98176 | 417.2347 |  |  |  |
| 21.78333 | 12.09777 | 342.2866 | 24.33333 | 16.3581 | 432.2243 |  |  |  |
| 21.78333 | 11.05113 | 327.2969 | 24.33333 | -59.37586 | 417.2347 |  |  |  |
| 21.78333 | 15.48914 | 267.3385 | 24.35 | 31.18344 | 387.2554 |  |  |  |
| 21.8 | -5.79996 | 432.2243 | 24.4 | -3.1925 | 417.2347 |  |  |  |
| 21.8 | 12.5714 | 282.3281 | 24.4 | 16.29253 | 372.2658 |  |  |  |
| 21.81667 | 31.90649 | 402.2451 | 24.41667 | 14.9888 | 387.2554 |  |  |  |
| 21.81667 | 12.96282 | 387.2554 | 24.46667 | -8.12172 | 432.2243 |  |  |  |
| 21.83333 | -36.50196 | 282.3281 | 24.48333 | -12.65802 | 402.2451 |  |  |  |
| 21.83333 | 20.21916 | 372.2658 | 24.53333 | -77.49258 | 507.1724 |  |  |  |
| 21.85 | 21.8642 | 387.2554 | 24.53333 | 22.5657 | 387.2554 |  |  |  |
| 21.86667 | 9.75627 | 387.2554 | 24.55 | -16.31979 | 417.2347 |  |  |  |
| 21.86667 | 24.50688 | 402.2451 | 24.6 | -84.25899 | 522.162 |  |  |  |
| 21.88333 | 8.69347 | 282.3281 | 24.6 | 16.19461 | 402.2451 |  |  |  |
| 21.88333 | 25.7499 | 432.2243 | 24.63333 | -8.68329 | 447.2139 |  |  |  |
| 21.9 | 6.91195 | 297.3177 | 24.66667 | -84.71752 | 552.1413 |  |  |  |
| 21.9 | -12.39948 | 342.2866 | 24.68333 | -19.80163 | 417.2347 |  |  |  |
| 21.9 | 30.02118 | 357.2762 | 24.7 | 25.73285 | 372.2658 |  |  |  |
| 21.9 | 16.43659 | 252.3488 | 24.73333 | 30.88748 | 372.2658 |  |  |  |
| 21.91667 | 28.32031 | 342.2866 | 24.75 | -17.03807 | 537.1517 |  |  |  |
| 21.91667 | 21.88964 | 327.2969 | 24.76667 | 20.6032 | 387.2554 |  |  |  |
| 21.95 | 23.84768 | 237.3592 | 24.8 | 17.41438 | 372.2658 |  |  |  |
| 21.95 | 23.56516 | 327.2969 | 24.81667 | -29.44956 | 537.1517 |  |  |  |
| 21.96667 | 16.95938 | 237.3592 | 24.88333 | 30.79593 | 357.2762 |  |  |  |
| 21.96667 | 20.37452 | 342.2866 | 24.95 | 31.73815 | 402.2451 |  |  |  |
| 21.98333 | 16.31127 | 342.2866 | 24.96667 | -11.7087 | 372.2658 |  |  |  |
| 21.98333 | 0.96602 | 267.3385 | 24.96667 | -62.88836 | 492.1828 |  |  |  |
| 21.98333 | -8.8271 | 342.2866 | 25.03333 | -65.29765 | 522.162 |  |  |  |
| 22 | 22.1309 | 387.2554 | 25.1 | -117.54975 | 492.1828 |  |  |  |
| 22 | 16.14984 | 252.3488 | 25.11667 | 96.31454 | 537.1517 |  |  |  |
| 22 | 26.37727 | 372.2658 | 25.16667 | 20.74574 | 402.2451 |  |  |  |
| 22.01667 | 31.58267 | 237.3592 | 25.23333 | 12.61883 | 402.2451 |  |  |  |
| 22.01667 | 14.93569 | 432.2243 | 25.31667 | -2.51565 | 372.2658 |  |  |  |
| 22.01667 | 38.68251 | 252.3488 | 25.38333 | 13.54239 | 372.2658 |  |  |  |
| 22.03333 | 10.66082 | 222.3696 | 25.45 | 6.02513 | 372.2658 |  |  |  |
| 22.06667 | 18.83535 | 342.2866 |  |  |  |  |  |  |
| 22.06667 | 15.57086 | 342.2866 |  |  |  |  |  |  |
| 22.08333 | -7.93473 | 267.3385 |  |  |  |  |  |  |
| 22.08333 | 61.41309 | 447.2139 |  |  |  |  |  |  |
| 22.08333 | 17.73173 | 507.1724 |  |  |  |  |  |  |
| 22.08333 | 21.79373 | 237.3592 |  |  |  |  |  |  |
| 22.11667 | 34.79093 | 267.3385 |  |  |  |  |  |  |
| 22.13333 | 37.31625 | 357.2762 |  |  |  |  |  |  |
| 22.13333 | 23.45668 | 297.3177 |  |  |  |  |  |  |
| 22.13333 | 22.40973 | 372.2658 |  |  |  |  |  |  |
| 22.13333 | 8.85144 | 342.2866 |  |  |  |  |  |  |
| 22.15 | 23.11309 | 267.3385 |  |  |  |  |  |  |
| 22.18333 | 5.65361 | 462.2036 |  |  |  |  |  |  |
| 22.2 | 21.48602 | 402.2451 |  |  |  |  |  |  |
| 22.2 | 15.63542 | 402.2451 |  |  |  |  |  |  |
| 22.2 | 5.74814 | 432.2243 |  |  |  |  |  |  |
| 22.21667 | 10.3013 | 357.2762 |  |  |  |  |  |  |
| 22.21667 | 24.41779 | 297.3177 |  |  |  |  |  |  |
| 22.21667 | 31.73277 | 327.2969 |  |  |  |  |  |  |
| 22.21667 | 24.71325 | 372.2658 |  |  |  |  |  |  |
| 22.23333 | 22.69773 | 432.2243 |  |  |  |  |  |  |
| 22.23333 | 12.7722 | 252.3488 |  |  |  |  |  |  |
| 22.25 | 44.27007 | 417.2347 |  |  |  |  |  |  |
| 22.26667 | 47.00012 | 417.2347 |  |  |  |  |  |  |
| 22.28333 | 17.38418 | 297.3177 |  |  |  |  |  |  |
| 22.3 | 10.74412 | 342.2866 |  |  |  |  |  |  |
| 22.3 | -1.47076 | 447.2139 |  |  |  |  |  |  |
| 22.3 | 15.62215 | 387.2554 |  |  |  |  |  |  |
| 22.31667 | 31.92555 | 372.2658 |  |  |  |  |  |  |
| 22.31667 | 5.84605 | 252.3488 |  |  |  |  |  |  |
| 22.35 | 26.76312 | 402.2451 |  |  |  |  |  |  |
| 22.36667 | 12.52812 | 372.2658 |  |  |  |  |  |  |
| 22.36667 | 33.67742 | 477.1932 |  |  |  |  |  |  |
| 22.36667 | 17.04916 | 477.1932 |  |  |  |  |  |  |
| 22.38333 | 3.08865 | 237.3592 |  |  |  |  |  |  |
| 22.38333 | 3.47366 | 267.3385 |  |  |  |  |  |  |
| 22.4 | 7.61933 | 357.2762 |  |  |  |  |  |  |
| 22.41667 | 27.93397 | 312.3073 |  |  |  |  |  |  |
| 22.41667 | 19.0622 | 387.2554 |  |  |  |  |  |  |
| 22.43333 | 25.48807 | 267.3385 |  |  |  |  |  |  |
| 22.45 | 19.9799 | 477.1932 |  |  |  |  |  |  |
| 22.45 | 30.35036 | 477.1932 |  |  |  |  |  |  |
| 22.45 | -4.18922 | 237.3592 |  |  |  |  |  |  |
| 22.46667 | 60.21809 | 462.2036 |  |  |  |  |  |  |
| 22.48333 | -63.24102 | 582.1205 |  |  |  |  |  |  |
| 22.48333 | -0.77897 | 402.2451 |  |  |  |  |  |  |
| 22.48333 | 4.36955 | 282.3281 |  |  |  |  |  |  |
| 22.5 | 28.44698 | 282.3281 |  |  |  |  |  |  |
| 22.5 | 21.10412 | 447.2139 |  |  |  |  |  |  |
| 22.51667 | -9.3093 | 237.3592 |  |  |  |  |  |  |
| 22.51667 | 26.3392 | 312.3073 |  |  |  |  |  |  |
| 22.53333 | 16.99892 | 252.3488 |  |  |  |  |  |  |
| 22.55 | 20.2281 | 342.2866 |  |  |  |  |  |  |
| 22.56667 | 24.86656 | 267.3385 |  |  |  |  |  |  |
| 22.56667 | 19.03952 | 477.1932 |  |  |  |  |  |  |
| 22.58333 | 26.23109 | 417.2347 |  |  |  |  |  |  |
| 22.58333 | -67.37328 | 417.2347 |  |  |  |  |  |  |
| 22.58333 | -7.88573 | 237.3592 |  |  |  |  |  |  |
| 22.6 | 17.42261 | 342.2866 |  |  |  |  |  |  |
| 22.6 | -6.90019 | 402.2451 |  |  |  |  |  |  |
| 22.61667 | 7.27927 | 432.2243 |  |  |  |  |  |  |
| 22.63333 | -37.51491 | 402.2451 |  |  |  |  |  |  |
| 22.66667 | -73.76927 | 432.2243 |  |  |  |  |  |  |
| 22.66667 | 40.0814 | 357.2762 |  |  |  |  |  |  |
| 22.66667 | -63.95455 | 372.2658 |  |  |  |  |  |  |
| 22.7 | -4.92465 | 402.2451 |  |  |  |  |  |  |
| 22.7 | 28.72947 | 282.3281 |  |  |  |  |  |  |
| 22.71667 | 38.18499 | 402.2451 |  |  |  |  |  |  |
| 22.73333 | -78.28043 | 372.2658 |  |  |  |  |  |  |
| 22.73333 | -89.1545 | 477.1932 |  |  |  |  |  |  |
| 22.76667 | 50.87407 | 432.2243 |  |  |  |  |  |  |
| 22.76667 | 34.43082 | 297.3177 |  |  |  |  |  |  |
| 22.78333 | 23.87847 | 387.2554 |  |  |  |  |  |  |
| 22.78333 | 18.03234 | 387.2554 |  |  |  |  |  |  |
| 22.8 | 25.07864 | 267.3385 |  |  |  |  |  |  |
| 22.8 | -96.07592 | 492.1828 |  |  |  |  |  |  |
| 22.83333 | 22.31839 | 387.2554 |  |  |  |  |  |  |
| 22.85 | 31.59036 | 387.2554 |  |  |  |  |  |  |
| 22.88333 | -96.21904 | 522.162 |  |  |  |  |  |  |
| 22.9 | 3.16551 | 402.2451 |  |  |  |  |  |  |
| 22.9 | 20.70063 | 252.3488 |  |  |  |  |  |  |
| 22.91667 | 43.17514 | 387.2554 |  |  |  |  |  |  |
| 22.95 | 44.28388 | 372.2658 |  |  |  |  |  |  |
| 22.95 | -101.82848 | 537.1517 |  |  |  |  |  |  |
| 22.95 | 23.94488 | 447.2139 |  |  |  |  |  |  |
| 22.95 | 64.34255 | 237.3592 |  |  |  |  |  |  |
| 22.98333 | 29.75139 | 372.2658 |  |  |  |  |  |  |
| 23.01667 | 12.1402 | 447.2139 |  |  |  |  |  |  |
| 23.05 | 19.07399 | 357.2762 |  |  |  |  |  |  |
| 23.06667 | 15.78315 | 462.2036 |  |  |  |  |  |  |
| 23.1 | 19.89702 | 252.3488 |  |  |  |  |  |  |
| 23.11667 | -28.72794 | 417.2347 |  |  |  |  |  |  |
| 23.13333 | -4.50229 | 372.2658 |  |  |  |  |  |  |
| 23.15 | 31.57654 | 267.3385 |  |  |  |  |  |  |
| 23.15 | 62.75581 | 402.2451 |  |  |  |  |  |  |
| 23.16667 | 46.84399 | 402.2451 |  |  |  |  |  |  |
| 23.16667 | 29.23424 | 267.3385 |  |  |  |  |  |  |
| 23.2 | -15.79649 | 372.2658 |  |  |  |  |  |  |
| 23.21667 | 20.75176 | 252.3488 |  |  |  |  |  |  |
| 23.21667 | 0.81137 | 402.2451 |  |  |  |  |  |  |
| 23.23333 | -59.00844 | 417.2347 |  |  |  |  |  |  |
| 23.25 | 43.99456 | 402.2451 |  |  |  |  |  |  |
| 23.26667 | -35.34204 | 372.2658 |  |  |  |  |  |  |
| 23.28333 | 19.89811 | 267.3385 |  |  |  |  |  |  |
| 23.3 | -7.39454 | 402.2451 |  |  |  |  |  |  |
| 23.3 | -57.00691 | 432.2243 |  |  |  |  |  |  |
| 23.3 | 103.25095 | 432.2243 |  |  |  |  |  |  |
| 23.31667 | 42.24039 | 402.2451 |  |  |  |  |  |  |
| 23.33333 | 56.72579 | 462.2036 |  |  |  |  |  |  |
| 23.35 | 24.71825 | 252.3488 |  |  |  |  |  |  |
| 23.35 | -61.95082 | 522.162 |  |  |  |  |  |  |
| 23.36667 | 105.11963 | 432.2243 |  |  |  |  |  |  |
| 23.36667 | -15.7422 | 372.2658 |  |  |  |  |  |  |
| 23.38333 | 28.33136 | 357.2762 |  |  |  |  |  |  |
| 23.41667 | 86.23584 | 387.2554 |  |  |  |  |  |  |
| 23.41667 | 28.20238 | 267.3385 |  |  |  |  |  |  |
| 23.41667 | -70.04203 | 462.2036 |  |  |  |  |  |  |
| 23.43333 | 7.13944 | 342.2866 |  |  |  |  |  |  |
| 23.46667 | 6.18153 | 387.2554 |  |  |  |  |  |  |
| 23.46667 | -60.2153 | 507.1724 |  |  |  |  |  |  |
| 23.48333 | 66.68296 | 372.2658 |  |  |  |  |  |  |
| 23.48333 | 40.81468 | 387.2554 |  |  |  |  |  |  |
| 23.5 | 19.33836 | 282.3281 |  |  |  |  |  |  |
| 23.51667 | -1.24677 | 327.2969 |  |  |  |  |  |  |
| 23.53333 | 3.76549 | 387.2554 |  |  |  |  |  |  |
| 23.55 | 32.54888 | 372.2658 |  |  |  |  |  |  |
| 23.55 | 76.93489 | 357.2762 |  |  |  |  |  |  |
| 23.58333 | 16.71847 | 327.2969 |  |  |  |  |  |  |
| 23.6 | 31.40058 | 342.2866 |  |  |  |  |  |  |
| 23.61667 | 25.55219 | 357.2762 |  |  |  |  |  |  |
| 23.61667 | 78.48186 | 372.2658 |  |  |  |  |  |  |
| 23.63333 | 19.84664 | 282.3281 |  |  |  |  |  |  |
| 23.63333 | 69.98359 | 417.2347 |  |  |  |  |  |  |
| 23.65 | 11.88131 | 342.2866 |  |  |  |  |  |  |
| 23.68333 | 16.85706 | 342.2866 |  |  |  |  |  |  |
| 23.68333 | 39.14216 | 312.3073 |  |  |  |  |  |  |
| 23.7 | 14.78081 | 357.2762 |  |  |  |  |  |  |
| 23.7 | 65.25704 | 402.2451 |  |  |  |  |  |  |
| 23.7 | 25.47569 | 312.3073 |  |  |  |  |  |  |
| 23.73333 | -63.24102 | 537.1517 |  |  |  |  |  |  |
| 23.73333 | 6.02001 | 282.3281 |  |  |  |  |  |  |
| 23.75 | 7.78744 | 342.2866 |  |  |  |  |  |  |
| 23.75 | 67.49757 | 387.2554 |  |  |  |  |  |  |
| 23.76667 | -1.605 | 357.2762 |  |  |  |  |  |  |
| 23.76667 | 83.56648 | 432.2243 |  |  |  |  |  |  |
| 23.8 | 27.40466 | 267.3385 |  |  |  |  |  |  |
| 23.8 | 18.61728 | 297.3177 |  |  |  |  |  |  |
| 23.81667 | 44.91836 | 417.2347 |  |  |  |  |  |  |
| 23.83333 | 17.46557 | 372.2658 |  |  |  |  |  |  |
| 23.86667 | 5.81774 | 312.3073 |  |  |  |  |  |  |
| 23.86667 | 15.08902 | 372.2658 |  |  |  |  |  |  |
| 23.86667 | 42.4774 | 417.2347 |  |  |  |  |  |  |
| 23.9 | 36.94855 | 372.2658 |  |  |  |  |  |  |
| 23.9 | -17.40375 | 432.2243 |  |  |  |  |  |  |
| 23.9 | 25.21704 | 267.3385 |  |  |  |  |  |  |
| 23.91667 | 33.21776 | 357.2762 |  |  |  |  |  |  |
| 23.93333 | 25.85978 | 342.2866 |  |  |  |  |  |  |
| 23.95 | 17.74459 | 372.2658 |  |  |  |  |  |  |
| 23.96667 | 35.99175 | 312.3073 |  |  |  |  |  |  |
| 23.96667 | 21.90843 | 282.3281 |  |  |  |  |  |  |
| 23.96667 | 32.54437 | 357.2762 |  |  |  |  |  |  |
| 24.03333 | 0.02454 | 357.2762 |  |  |  |  |  |  |
| 24.05 | 25.14617 | 312.3073 |  |  |  |  |  |  |
| 24.1 | -3.28639 | 402.2451 |  |  |  |  |  |  |
| 24.11667 | 15.02182 | 312.3073 |  |  |  |  |  |  |
| 24.18333 | 23.81287 | 327.2969 |  |  |  |  |  |  |
| 24.18333 | 8.5375 | 372.2658 |  |  |  |  |  |  |
| 24.25 | -1.44036 | 372.2658 |  |  |  |  |  |  |
| 24.25 | 28.87504 | 327.2969 |  |  |  |  |  |  |
| 24.31667 | 23.18625 | 327.2969 |  |  |  |  |  |  |
| 24.31667 | -2.76656 | 387.2554 |  |  |  |  |  |  |
| 24.46667 | 1.8233 | 327.2969 |  |  |  |  |  |  |
| 24.53333 | 12.63608 | 327.2969 |  |  |  |  |  |  |
| 24.81667 | -97.026 | 612.0998 |  |  |  |  |  |  |
| 24.88333 | -23.93035 | 597.1102 |  |  |  |  |  |  |
| 24.95 | -37.30633 | 462.2036 |  |  |  |  |  |  |