



R600a

| | | Liquid | Vapor | Liquid | Vapor | Liquid | Vapor |
|-------------|----------|----------------------|----------------------|----------|----------|--------------|--------------|
| Temperature | Pressure | Density | Density | Enthalpy | Enthalpy | Entropy | Entropy |
| (?) | (Bar) | (kg/m ³) | (kg/m ³) | (kJ/kg) | (kJ/kg) | (kJ/(kg·?)) | (kJ/(kg·?)) |
| -100 | 0.004 | 683.9004 | 0.0153 | -6.395 | 428.1899 | 0.0671 | 2.577 |
| -99 | 0.004 | 682.9363 | 0.0169 | -4.5152 | 429.317 | 0.0779 | 2.569 |
| -98 | 0.005 | 681.9715 | 0.0185 | -2.6322 | 430.4477 | 0.0887 | 2.5613 |
| -97 | 0.005 | 681.006 | 0.0203 | -0.746 | 431.582 | 0.0994 | 2.5537 |
| -96 | 0.006 | 680.0396 | 0.0222 | 1.1435 | 432.7198 | 0.1101 | 2.5463 |
| -95 | 0.006 | 679.0724 | 0.0243 | 3.0362 | 433.8612 | 0.1208 | 2.5391 |
| -94 | 0.007 | 678.1044 | 0.0266 | 4.9321 | 435.0061 | 0.1314 | 2.532 |
| -93 | 0.007 | 677.1356 | 0.029 | 6.8314 | 436.1545 | 0.142 | 2.5251 |
| -92 | 0.008 | 676.1659 | 0.0317 | 8.7338 | 437.3063 | 0.1525 | 2.5183 |
| -91 | 0.009 | 675.1953 | 0.0345 | 10.6396 | 438.4616 | 0.163 | 2.5117 |
| -90 | 0.01 | 674.2238 | 0.0375 | 12.5487 | 439.6204 | 0.1734 | 2.5052 |
| -89 | 0.011 | 673.2515 | 0.0408 | 14.4611 | 440.7826 | 0.1838 | 2.4989 |
| -88 | 0.012 | 672.2782 | 0.0443 | 16.3767 | 441.9481 | 0.1942 | 2.4927 |
| -87 | 0.013 | 671.304 | 0.048 | 18.2957 | 443.117 | 0.2046 | 2.4867 |
| -86 | 0.014 | 670.3288 | 0.052 | 20.2181 | 444.2893 | 0.2148 | 2.4808 |
| -85 | 0.015 | 669.3527 | 0.0563 | 22.1437 | 445.4648 | 0.2251 | 2.475 |
| -84 | 0.016 | 668.3756 | 0.0609 | 24.0728 | 446.6437 | 0.2353 | 2.4694 |
| -83 | 0.018 | 667.3975 | 0.0657 | 26.0051 | 447.8258 | 0.2455 | 2.4639 |
| -82 | 0.019 | 666.4184 | 0.0709 | 27.9409 | 449.0112 | 0.2557 | 2.4585 |
| -81 | 0.021 | 665.4382 | 0.0765 | 29.8801 | 450.1998 | 0.2658 | 2.4532 |
| -80 | 0.023 | 664.457 | 0.0824 | 31.8227 | 451.3916 | 0.2759 | 2.4481 |
| -79 | 0.025 | 663.4747 | 0.0886 | 33.7687 | 452.5865 | 0.2859 | 2.4431 |
| -78 | 0.027 | 662.4914 | 0.0953 | 35.7181 | 453.7846 | 0.2959 | 2.4382 |
| -77 | 0.029 | 661.5069 | 0.1024 | 37.671 | 454.9858 | 0.3059 | 2.4334 |
| -76 | 0.031 | 660.5213 | 0.1099 | 39.6273 | 456.1901 | 0.3159 | 2.4288 |
| -75 | 0.033 | 659.5346 | 0.1178 | 41.5871 | 457.3974 | 0.3258 | 2.4242 |
| -74 | 0.036 | 658.5467 | 0.1262 | 43.5505 | 458.6078 | 0.3357 | 2.4198 |
| -73 | 0.039 | 657.5576 | 0.1352 | 45.5173 | 459.8212 | 0.3455 | 2.4155 |
| -72 | 0.041 | 656.5673 | 0.1446 | 47.4876 | 461.0375 | 0.3553 | 2.4113 |
| -71 | 0.045 | 655.5758 | 0.1545 | 49.4615 | 462.2568 | 0.3651 | 2.4071 |
| -70 | 0.048 | 654.5831 | 0.165 | 51.439 | 463.479 | 0.3749 | 2.4031 |
| -69 | 0.051 | 653.5891 | 0.1761 | 53.42 | 464.7041 | 0.3846 | 2.3992 |
| -68 | 0.055 | 652.5939 | 0.1878 | 55.4046 | 465.9321 | 0.3943 | 2.3954 |
| -67 | 0.059 | 651.5974 | 0.2001 | 57.3929 | 467.1629 | 0.404 | 2.3917 |
| -66 | 0.063 | 650.5995 | 0.2131 | 59.3847 | 468.3964 | 0.4136 | 2.3881 |
| -65 | 0.067 | 649.6003 | 0.2268 | 61.3802 | 469.6328 | 0.4232 | 2.3845 |
| -64 | 0.072 | 648.5998 | 0.2411 | 63.3794 | 470.8719 | 0.4328 | 2.3811 |

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| -63 | 0.077 | 647.5979 | 0.2562 | 65.3822 | 472.1137 | 0.4423 | 2.3778 |
| -62 | 0.082 | 646.5946 | 0.2721 | 67.3888 | 473.3582 | 0.4518 | 2.3745 |
| -61 | 0.087 | 645.5898 | 0.2887 | 69.3991 | 474.6053 | 0.4613 | 2.3713 |
| -60 | 0.093 | 644.5837 | 0.3062 | 71.4131 | 475.855 | 0.4708 | 2.3683 |
| -59 | 0.099 | 643.5761 | 0.3245 | 73.4309 | 477.1074 | 0.4802 | 2.3653 |
| -58 | 0.105 | 642.567 | 0.3436 | 75.4524 | 478.3622 | 0.4897 | 2.3624 |
| -57 | 0.112 | 641.5564 | 0.3637 | 77.4778 | 479.6196 | 0.499 | 2.3595 |
| -56 | 0.118 | 640.5442 | 0.3847 | 79.507 | 480.8795 | 0.5084 | 2.3568 |
| -55 | 0.126 | 639.5305 | 0.4067 | 81.54 | 482.1419 | 0.5177 | 2.3541 |
| -54 | 0.133 | 638.5153 | 0.4296 | 83.5769 | 483.4066 | 0.5271 | 2.3515 |
| -53 | 0.141 | 637.4985 | 0.4536 | 85.6177 | 484.6738 | 0.5363 | 2.349 |
| -52 | 0.15 | 636.48 | 0.4787 | 87.6623 | 485.9433 | 0.5456 | 2.3466 |
| -51 | 0.159 | 635.4599 | 0.5049 | 89.711 | 487.2151 | 0.5548 | 2.3442 |
| -50 | 0.168 | 634.4381 | 0.5321 | 91.7635 | 488.4892 | 0.564 | 2.3419 |
| -50 | 0.168 | 634.4381 | 0.5321 | 91.7635 | 488.4892 | 0.564 | 2.3419 |
| -49 | 0.178 | 633.4146 | 0.5606 | 93.8201 | 489.7656 | 0.5732 | 2.3397 |
| -48 | 0.188 | 632.3895 | 0.5903 | 95.8806 | 491.0442 | 0.5824 | 2.3375 |
| -47 | 0.198 | 631.3625 | 0.6211 | 97.9452 | 492.325 | 0.5915 | 2.3354 |
| -46 | 0.209 | 630.3338 | 0.6533 | 100.0138 | 493.608 | 0.6007 | 2.3334 |
| -45 | 0.221 | 629.3034 | 0.6868 | 102.0864 | 494.893 | 0.6098 | 2.3315 |
| -44 | 0.233 | 628.271 | 0.7216 | 104.1632 | 496.1802 | 0.6188 | 2.3296 |
| -43 | 0.246 | 627.2369 | 0.7578 | 106.2441 | 497.4694 | 0.6279 | 2.3278 |
| -42 | 0.259 | 626.2009 | 0.7954 | 108.3291 | 498.7606 | 0.6369 | 2.326 |
| -41 | 0.273 | 625.163 | 0.8345 | 110.4183 | 500.0539 | 0.6459 | 2.3243 |
| -40 | 0.287 | 624.1231 | 0.8751 | 112.5117 | 501.349 | 0.6549 | 2.3227 |
| -39 | 0.302 | 623.0813 | 0.9173 | 114.6093 | 502.6461 | 0.6639 | 2.3211 |
| -38 | 0.317 | 622.0375 | 0.961 | 116.7111 | 503.9451 | 0.6728 | 2.3196 |
| -37 | 0.334 | 620.9917 | 1.0063 | 118.8172 | 505.2459 | 0.6818 | 2.3181 |
| -36 | 0.35 | 619.9439 | 1.0534 | 120.9276 | 506.5485 | 0.6907 | 2.3167 |
| -35 | 0.368 | 618.894 | 1.1021 | 123.0423 | 507.8529 | 0.6995 | 2.3154 |
| -34 | 0.386 | 617.842 | 1.1526 | 125.1614 | 509.159 | 0.7084 | 2.3141 |
| -33 | 0.405 | 616.7878 | 1.2048 | 127.2848 | 510.4669 | 0.7173 | 2.3129 |
| -32 | 0.425 | 615.7315 | 1.259 | 129.4126 | 511.7764 | 0.7261 | 2.3117 |
| -31 | 0.445 | 614.673 | 1.315 | 131.5449 | 513.0875 | 0.7349 | 2.3105 |
| -30 | 0.466 | 613.6123 | 1.3729 | 133.6816 | 514.4002 | 0.7437 | 2.3095 |
| -29 | 0.488 | 612.5493 | 1.4328 | 135.8228 | 515.7145 | 0.7525 | 2.3084 |
| -28 | 0.511 | 611.4841 | 1.4947 | 137.9685 | 517.0303 | 0.7612 | 2.3075 |
| -27 | 0.535 | 610.4165 | 1.5587 | 140.1187 | 518.3476 | 0.77 | 2.3065 |
| -26 | 0.559 | 609.3465 | 1.6248 | 142.2735 | 519.6664 | 0.7787 | 2.3057 |
| -25 | 0.584 | 608.2742 | 1.6931 | 144.4329 | 520.9865 | 0.7874 | 2.3048 |
| -24 | 0.61 | 607.1994 | 1.7636 | 146.5969 | 522.308 | 0.7961 | 2.304 |
| -23 | 0.638 | 606.1222 | 1.8364 | 148.7656 | 523.6309 | 0.8047 | 2.3033 |
| -22 | 0.666 | 605.0424 | 1.9115 | 150.9389 | 524.9551 | 0.8134 | 2.3026 |

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| -21 | 0.695 | 603.9602 | 1.9889 | 153.117 | 526.2805 | 0.822 | 2.3019 |
| -20 | 0.725 | 602.8753 | 2.0687 | 155.2998 | 527.6072 | 0.8306 | 2.3013 |
| -19 | 0.756 | 601.7879 | 2.1511 | 157.4873 | 528.935 | 0.8392 | 2.3008 |
| -18 | 0.788 | 600.6978 | 2.2359 | 159.6797 | 530.264 | 0.8478 | 2.3003 |
| -17 | 0.821 | 599.605 | 2.3233 | 161.8769 | 531.5941 | 0.8564 | 2.2998 |
| -16 | 0.855 | 598.5095 | 2.4133 | 164.079 | 532.9253 | 0.865 | 2.2993 |
| -15 | 0.891 | 597.4113 | 2.506 | 166.2859 | 534.2575 | 0.8735 | 2.2989 |
| -14 | 0.927 | 596.3102 | 2.6015 | 168.4978 | 535.5907 | 0.882 | 2.2986 |
| -13 | 0.965 | 595.2063 | 2.6997 | 170.7147 | 536.9248 | 0.8906 | 2.2982 |
| -12 | 10.03 | 594.0995 | 2.8008 | 172.9365 | 538.2599 | 0.899 | 2.298 |
| -11 | 10.43 | 592.9897 | 2.9048 | 175.1634 | 539.5959 | 0.9075 | 2.2977 |
| -10 | 10.85 | 591.877 | 3.0117 | 177.3953 | 540.9326 | 0.916 | 2.2975 |
| -9 | 11.27 | 590.7613 | 3.1216 | 179.6323 | 542.2702 | 0.9245 | 2.2973 |
| -8 | 11.71 | 589.6425 | 3.2347 | 181.8744 | 543.6085 | 0.9329 | 2.2972 |
| -7 | 12.16 | 588.5206 | 3.3508 | 184.1217 | 544.9475 | 0.9413 | 2.2971 |
| -6 | 12.62 | 587.3955 | 3.4702 | 186.3742 | 546.2872 | 0.9498 | 2.297 |
| -5 | 13.1 | 586.2672 | 3.5928 | 188.6319 | 547.6276 | 0.9582 | 2.2969 |
| -4 | 13.59 | 585.1357 | 3.7188 | 190.8949 | 548.9685 | 0.9666 | 2.2969 |
| -3 | 14.09 | 584.0009 | 3.8481 | 193.1631 | 550.3099 | 0.9749 | 2.297 |
| -2 | 14.61 | 582.8627 | 3.9808 | 195.4367 | 551.6519 | 0.9833 | 2.297 |
| -1 | 15.15 | 581.7211 | 4.1171 | 197.7156 | 552.9943 | 0.9917 | 2.2971 |
| 0 | 1.57 | 580.576 | 4.257 | 200 | 554.3371 | 1 | 2.2972 |
| 1 | 1.626 | 579.4275 | 4.4004 | 202.2898 | 555.6803 | 1.0083 | 2.2974 |
| 2 | 1.684 | 578.2753 | 4.5476 | 204.5851 | 557.0238 | 1.0167 | 2.2975 |
| 3 | 1.743 | 577.1196 | 4.6986 | 206.8858 | 558.3676 | 1.025 | 2.2978 |
| 4 | 1.804 | 575.9602 | 4.8534 | 209.1922 | 559.7116 | 1.0333 | 2.298 |
| 5 | 1.867 | 574.797 | 5.0121 | 211.5041 | 561.0558 | 1.0415 | 2.2983 |
| 6 | 1.932 | 573.6301 | 5.1749 | 213.8217 | 562.4001 | 1.0498 | 2.2965 |
| 7 | 1.998 | 572.4593 | 5.3416 | 216.1449 | 563.7445 | 1.0581 | 2.2989 |
| 8 | 2.065 | 571.2846 | 5.5125 | 218.4738 | 565.089 | 1.0663 | 2.2992 |
| 9 | 2.135 | 570.1059 | 5.6876 | 220.8085 | 566.4335 | 1.0746 | 2.2996 |
| 10 | 2.206 | 568.9232 | 5.867 | 223.1489 | 567.7778 | 1.0828 | 2.3 |
| 11 | 2.279 | 567.7364 | 6.0507 | 225.4952 | 569.1221 | 1.0911 | 2.3004 |
| 12 | 2.354 | 566.5454 | 6.2389 | 227.8474 | 570.4663 | 1.0993 | 2.3008 |
| 13 | 2.431 | 565.3502 | 6.4316 | 230.2055 | 571.8102 | 1.1075 | 2.3013 |
| 14 | 2.509 | 564.1506 | 6.6288 | 232.5695 | 573.1538 | 1.1157 | 2.3018 |
| 15 | 2.59 | 562.9467 | 6.8308 | 234.9395 | 574.4972 | 1.1239 | 2.3023 |
| 16 | 2.672 | 561.7384 | 7.0375 | 237.3156 | 575.8401 | 1.132 | 2.3028 |
| 17 | 2.757 | 560.5255 | 7.249 | 239.6977 | 577.1827 | 1.1402 | 2.3034 |
| 18 | 2.843 | 559.3081 | 7.4654 | 242.086 | 578.5247 | 1.1484 | 2.3039 |
| 19 | 2.932 | 558.086 | 7.6868 | 244.4805 | 579.8662 | 1.1565 | 2.3045 |
| 20 | 3.022 | 556.8591 | 7.9134 | 246.8812 | 581.2072 | 1.1647 | 2.3051 |
| 21 | 3.115 | 555.6274 | 8.1452 | 249.2881 | 582.5474 | 1.1728 | 2.3058 |

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| 22 | 3.21 | 554.3908 | 8.3822 | 251.7014 | 583.887 | 1.181 | 2.3064 |
| 23 | 3.306 | 553.1492 | 8.6246 | 254.1211 | 585.2257 | 1.1891 | 2.3071 |
| 24 | 3.405 | 551.9025 | 8.8724 | 256.5471 | 586.5637 | 1.1972 | 2.3078 |
| 25 | 3.507 | 550.6507 | 9.1258 | 258.9796 | 587.9007 | 1.2053 | 2.3085 |
| 26 | 3.61 | 549.3936 | 9.3849 | 261.4187 | 589.2368 | 1.2134 | 2.3093 |
| 27 | 3.716 | 548.1312 | 9.6497 | 263.8643 | 590.5718 | 1.2215 | 2.31 |
| 28 | 3.824 | 546.8633 | 9.9204 | 266.3165 | 591.9058 | 1.2296 | 2.3108 |
| 29 | 3.934 | 545.5899 | 10.1971 | 268.7754 | 593.2385 | 1.2377 | 2.3115 |
| 30 | 4.047 | 544.3108 | 10.4798 | 271.2411 | 594.5701 | 1.2458 | 2.3123 |
| 31 | 4.162 | 543.0261 | 10.7687 | 273.7135 | 595.9003 | 1.2538 | 2.3131 |
| 32 | 4.28 | 541.7354 | 11.0639 | 276.1927 | 597.2292 | 1.2619 | 2.314 |
| 33 | 4.4 | 540.4389 | 11.3655 | 278.6789 | 598.5566 | 1.27 | 2.3148 |
| 34 | 4.523 | 539.1363 | 11.6736 | 281.172 | 599.8825 | 1.278 | 2.3157 |
| 35 | 4.648 | 537.8275 | 11.9884 | 283.6721 | 601.2069 | 1.2861 | 2.3165 |
| 36 | 4.775 | 536.5125 | 12.3099 | 286.1793 | 602.5295 | 1.2941 | 2.3174 |
| 37 | 4.906 | 535.191 | 12.6383 | 288.6936 | 603.8504 | 1.3022 | 2.3183 |
| 38 | 5.038 | 533.8631 | 12.9737 | 291.2152 | 605.1694 | 1.3102 | 2.3192 |
| 39 | 5.174 | 532.5285 | 13.3162 | 293.744 | 606.4866 | 1.3182 | 2.3201 |
| 40 | 5.312 | 531.1871 | 13.666 | 296.2801 | 607.8017 | 1.3263 | 2.3211 |
| 41 | 5.453 | 529.8389 | 14.0232 | 298.8236 | 609.1147 | 1.3343 | 2.322 |
| 42 | 5.597 | 528.4836 | 14.388 | 301.3746 | 610.4256 | 1.3423 | 2.323 |
| 43 | 5.743 | 527.1212 | 14.7604 | 303.9331 | 611.7342 | 1.3503 | 2.3239 |
| 44 | 5.892 | 525.7514 | 15.1407 | 306.4992 | 613.0404 | 1.3583 | 2.3249 |
| 45 | 6.044 | 524.3742 | 15.5289 | 309.073 | 614.3442 | 1.3664 | 2.3259 |
| 46 | 6.199 | 522.9894 | 15.9253 | 311.6546 | 615.6454 | 1.3744 | 2.3269 |
| 47 | 6.357 | 521.5969 | 16.33 | 314.2439 | 616.944 | 1.3824 | 2.3279 |
| 48 | 6.518 | 520.1964 | 16.7431 | 316.8412 | 618.2398 | 1.3904 | 2.3289 |
| 49 | 6.682 | 518.7879 | 17.1648 | 319.4465 | 619.5327 | 1.3984 | 2.3299 |
| 50 | 6.849 | 517.3711 | 17.5954 | 322.0599 | 620.8226 | 1.4064 | 2.3309 |
| 51 | 7.019 | 515.9459 | 18.0349 | 324.6814 | 622.1094 | 1.4144 | 2.3319 |
| 52 | 7.192 | 514.5121 | 18.4835 | 327.3111 | 623.393 | 1.4224 | 2.333 |
| 53 | 7.368 | 513.0695 | 18.9415 | 329.9492 | 624.6732 | 1.4304 | 2.334 |
| 54 | 7.547 | 511.618 | 19.409 | 332.5956 | 625.9499 | 1.4384 | 2.3351 |
| 55 | 7.73 | 510.1573 | 19.8863 | 335.2506 | 627.223 | 1.4464 | 2.3361 |
| 56 | 7.916 | 508.6872 | 20.3734 | 337.9142 | 628.4922 | 1.4543 | 2.3372 |
| 57 | 8.105 | 507.2076 | 20.8707 | 340.5865 | 629.7576 | 1.4623 | 2.3382 |
| 58 | 8.297 | 505.7181 | 21.3784 | 343.2677 | 631.0188 | 1.4703 | 2.3393 |
| 59 | 8.493 | 504.2187 | 21.8967 | 345.9577 | 632.2757 | 1.4783 | 2.3403 |
| 60 | 8.692 | 502.709 | 22.4258 | 348.6567 | 633.5283 | 1.4863 | 2.3414 |
| 61 | 8.894 | 501.1888 | 22.9659 | 351.3649 | 634.7762 | 1.4943 | 2.3425 |
| 62 | 9.1 | 499.6579 | 23.5173 | 354.0823 | 636.0193 | 1.5023 | 2.3435 |
| 63 | 9.309 | 498.116 | 24.0803 | 356.8091 | 637.2574 | 1.5103 | 2.3446 |
| 64 | 9.522 | 496.5629 | 24.6552 | 359.5453 | 638.4903 | 1.5183 | 2.3457 |

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| 65 | 9.739 | 494.9982 | 25.2421 | 362.2912 | 639.7178 | 1.5263 | 2.3467 |
| 66 | 9.959 | 493.4217 | 25.8414 | 365.0468 | 640.9396 | 1.5343 | 2.3478 |
| 67 | 10.182 | 491.8332 | 26.4534 | 367.8123 | 642.1556 | 1.5423 | 2.3489 |
| 68 | 10.41 | 490.2322 | 27.0784 | 370.5877 | 643.3656 | 1.5503 | 2.3499 |
| 69 | 10.641 | 488.6185 | 27.7167 | 373.3734 | 644.5692 | 1.5584 | 2.351 |
| 70 | 10.875 | 486.9917 | 28.3687 | 376.1693 | 645.7662 | 1.5664 | 2.352 |
| 71 | 11.114 | 485.3515 | 29.0346 | 378.9756 | 646.9563 | 1.5744 | 2.3531 |
| 72 | 11.356 | 483.6975 | 29.7149 | 381.7926 | 648.1394 | 1.5824 | 2.3541 |
| 73 | 11.603 | 482.0295 | 30.4099 | 384.6204 | 649.3151 | 1.5905 | 2.3551 |
| 74 | 11.853 | 480.3468 | 31.12 | 387.4591 | 650.4831 | 1.5985 | 2.3562 |
| 75 | 12.107 | 478.6493 | 31.8456 | 390.3089 | 651.6432 | 1.6065 | 2.3572 |
| 76 | 12.365 | 476.9364 | 32.5871 | 393.1701 | 652.795 | 1.6146 | 2.3582 |
| 77 | 12.627 | 475.2076 | 33.345 | 396.0427 | 653.9382 | 1.6227 | 2.3592 |
| 78 | 12.893 | 473.4627 | 34.1197 | 398.9271 | 655.0726 | 1.6307 | 2.3602 |
| 79 | 13.163 | 471.7009 | 34.9117 | 401.8233 | 656.1977 | 1.6388 | 2.3611 |
| 80 | 13.438 | 469.9219 | 35.7215 | 404.7318 | 657.3133 | 1.6469 | 2.3621 |
| 81 | 13.716 | 468.1251 | 36.5496 | 407.6525 | 658.4189 | 1.655 | 2.363 |
| 82 | 13.999 | 466.3099 | 37.3966 | 410.5859 | 659.5143 | 1.6631 | 2.364 |
| 83 | 14.286 | 464.4759 | 38.263 | 413.5322 | 660.5989 | 1.6712 | 2.3649 |
| 84 | 14.578 | 462.6222 | 39.1494 | 416.4915 | 661.6725 | 1.6793 | 2.3658 |
| 85 | 14.874 | 460.7483 | 40.0565 | 419.4643 | 662.7347 | 1.6874 | 2.3667 |
| 86 | 15.174 | 458.8536 | 40.985 | 422.4507 | 663.7849 | 1.6956 | 2.3675 |
| 87 | 15.479 | 456.9372 | 41.9355 | 425.4511 | 664.8227 | 1.7037 | 2.3684 |
| 88 | 15.788 | 454.9984 | 42.9087 | 428.4659 | 665.8477 | 1.7119 | 2.3692 |
| 89 | 16.101 | 453.0365 | 43.9055 | 431.4953 | 666.8594 | 1.7201 | 2.37 |
| 90 | 16.42 | 451.0505 | 44.9267 | 434.5397 | 667.8572 | 1.7283 | 2.3708 |
| 91 | 16.743 | 449.0396 | 45.9731 | 437.5995 | 668.8406 | 1.7365 | 2.3715 |
| 92 | 17.07 | 447.0028 | 47.0456 | 440.6751 | 669.8091 | 1.7447 | 2.3723 |
| 93 | 17.402 | 444.9391 | 48.1452 | 443.7668 | 670.762 | 1.753 | 2.3729 |
| 94 | 17.739 | 442.8474 | 49.273 | 446.8753 | 671.6987 | 1.7613 | 2.3736 |
| 95 | 18.081 | 440.7265 | 50.43 | 450.0008 | 672.6184 | 1.7696 | 2.3743 |
| 96 | 18.428 | 438.5753 | 51.6174 | 453.144 | 673.5206 | 1.7779 | 2.3749 |
| 97 | 18.78 | 436.3924 | 52.8365 | 456.3054 | 674.4043 | 1.7862 | 2.3754 |
| 98 | 19.137 | 434.1764 | 54.0885 | 459.4855 | 675.2688 | 1.7946 | 2.376 |
| 99 | 19.498 | 431.9258 | 55.3749 | 462.6849 | 676.1132 | 1.8029 | 2.3764 |
| 100 | 19.865 | 429.639 | 56.6973 | 465.9044 | 676.9365 | 1.8114 | 2.3769 |