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# Temperature Conversion Chart

°C =  $\frac{5}{9}(\text{°F} - 32)$   
Kelvin = °C + 273.15

°F =  $\frac{9}{5}\text{°C} + 32$   
Rankine = °F + 459.67

**TABLE EXAMPLE:**

To Convert 1000°C to °F, look up 1000 and read left  
To Convert 1000°F to °C, look up 1000 and read right

| to °F | From | to °C   | to °F  | From | to °C   | to °F  | From | to °C   | to °F  | From | to °C  | to °F | From | to °C  |
|-------|------|---------|--------|------|---------|--------|------|---------|--------|------|--------|-------|------|--------|
| -     | -458 | -272.22 | -      | -308 | -188.89 | -252.4 | -158 | -105.56 | +17.6  | -8   | -22.22 | 287.6 | 142  | 61.11  |
| -     | -456 | -271.11 | -      | -306 | -187.78 | -248.2 | -156 | -104.44 | +21.2  | -6   | -21.11 | 291.2 | 144  | 62.22  |
| -     | -454 | -270.00 | -      | -304 | -186.67 | -245.2 | -154 | -103.33 | +24.8  | -4   | -20.00 | 294.8 | 146  | 63.33  |
| -     | -452 | -268.89 | -      | -302 | -185.56 | -241.6 | -152 | -102.22 | +28.4  | -2   | -18.89 | 298.4 | 148  | 64.44  |
| -     | -450 | -267.78 | -      | -300 | -184.44 | -238.0 | -150 | -101.11 | +32.0  | 0    | -17.78 | 302.0 | 150  | 65.56  |
| -     | -448 | -266.67 | -      | -298 | -183.33 | -234.4 | -148 | -100.00 | +35.6  | 2    | -16.67 | 305.6 | 152  | 66.67  |
| -     | -446 | -265.56 | -      | -296 | -182.22 | -230.2 | -146 | -98.89  | +39.2  | 4    | -15.56 | 309.2 | 154  | 67.78  |
| -     | -444 | -264.44 | -      | -294 | -181.11 | -227.2 | -144 | -97.78  | +42.8  | 6    | -14.44 | 312.8 | 156  | 68.89  |
| -     | -442 | -263.33 | -      | -292 | -180.00 | -223.6 | -142 | -96.67  | +46.4  | 8    | -13.33 | 316.4 | 158  | 70.00  |
| -     | -440 | -262.22 | -      | -290 | -178.89 | -220.0 | -140 | -95.56  | +50.0  | 10   | -12.22 | 320.0 | 160  | 71.11  |
| -     | -438 | -261.11 | -      | -288 | -177.78 | -216.4 | -138 | -94.44  | +53.6  | 12   | -11.11 | 323.6 | 162  | 72.22  |
| -     | -436 | -260.00 | -      | -286 | -176.67 | -212.8 | -136 | -93.33  | +57.2  | 14   | -10.00 | 327.2 | 164  | 73.33  |
| -     | -434 | -258.89 | -      | -284 | -175.56 | -209.2 | -134 | -92.22  | +60.8  | 16   | -8.89  | 330.8 | 166  | 74.44  |
| -     | -432 | -257.78 | -      | -282 | -174.44 | -205.6 | -132 | -91.11  | +64.4  | 18   | -7.78  | 334.4 | 168  | 75.56  |
| -     | -430 | -256.67 | -      | -280 | -173.33 | -202.0 | -130 | -90.00  | +68.0  | 20   | -6.67  | 338.0 | 170  | 76.67  |
| -     | -428 | -255.56 | -      | -278 | -172.22 | -198.4 | -128 | -88.89  | +71.6  | 22   | -5.56  | 341.6 | 172  | 77.78  |
| -     | -426 | -264.44 | -      | -276 | -171.11 | -194.2 | -126 | -87.78  | +75.2  | 24   | -4.44  | 345.2 | 174  | 78.89  |
| -     | -424 | -253.33 | -      | -274 | -170.00 | -191.2 | -124 | -86.67  | +78.8  | 26   | -3.33  | 348.8 | 176  | 80.00  |
| -     | -422 | -252.22 | -457.6 | -272 | -168.89 | -187.6 | -122 | -85.56  | +82.4  | 28   | -2.22  | 352.4 | 178  | 81.11  |
| -     | -420 | -251.11 | -454.0 | -270 | -167.78 | -184.0 | -120 | -84.44  | +86.0  | 30   | -1.11  | 356.0 | 180  | 82.22  |
| -     | -418 | -250.00 | -450.4 | -268 | -166.67 | -180.4 | -118 | -83.33  | +89.6  | 32   | 0.00   | 359.6 | 182  | 83.33  |
| -     | -416 | -248.89 | -446.8 | -266 | -165.56 | -176.8 | -116 | -82.22  | +93.2  | 34   | 1.11   | 363.2 | 184  | 84.44  |
| -     | -414 | -247.78 | -443.2 | -264 | -164.44 | -173.2 | -114 | -81.11  | +96.8  | 36   | 2.22   | 366.8 | 186  | 85.56  |
| -     | -412 | -246.67 | -439.6 | -262 | -163.33 | -169.6 | -112 | -80.00  | +100.4 | 38   | 3.33   | 370.4 | 188  | 86.67  |
| -     | -410 | -245.56 | -436.0 | -260 | -162.22 | -166.0 | -110 | -78.89  | +104.0 | 40   | 4.44   | 374.0 | 190  | 87.78  |
| -     | -408 | -244.44 | -432.4 | -258 | -161.11 | -162.4 | -108 | -77.78  | 107.6  | 42   | 5.56   | 377.6 | 192  | 88.89  |
| -     | -406 | -243.33 | -428.8 | -256 | -160.00 | -158.8 | -106 | -76.67  | 111.2  | 44   | 6.67   | 381.2 | 194  | 90.00  |
| -     | -404 | -242.22 | -425.2 | -254 | -158.89 | -155.2 | -104 | -75.56  | 114.8  | 46   | 7.78   | 384.8 | 196  | 91.11  |
| -     | -402 | -241.11 | -421.6 | -252 | -157.78 | -151.6 | -102 | -74.44  | 118.4  | 48   | 8.89   | 388.4 | 198  | 92.22  |
| -     | -400 | -240.00 | -418.0 | -250 | -156.67 | -148.0 | -100 | -73.33  | 122.0  | 50   | 10.00  | 392.0 | 200  | 93.33  |
| -     | -398 | -238.89 | -414.4 | -248 | -155.56 | -144.4 | -98  | -72.22  | 125.6  | 52   | 11.11  | 395.6 | 202  | 94.44  |
| -     | -396 | -237.78 | -410.8 | -246 | -154.44 | -140.8 | -96  | -71.11  | 129.2  | 54   | 12.22  | 399.2 | 204  | 95.56  |
| -     | -394 | -236.67 | -407.2 | -244 | -153.33 | -137.2 | -94  | -70.00  | 132.8  | 56   | 13.33  | 402.8 | 206  | 96.67  |
| -     | -392 | -235.56 | -403.6 | -242 | -152.22 | -133.6 | -92  | -68.89  | 136.4  | 58   | 14.44  | 406.4 | 208  | 97.78  |
| -     | -390 | -234.44 | -400.0 | -240 | -151.11 | -130.0 | -90  | -67.78  | 140.0  | 60   | 15.56  | 410.0 | 210  | 98.89  |
| -     | -388 | -233.33 | -396.4 | -238 | -150.00 | -126.4 | -88  | -66.67  | 143.6  | 62   | 16.67  | 413.6 | 212  | 100.00 |
| -     | -386 | -232.22 | -392.8 | -236 | -148.89 | -122.8 | -86  | -65.56  | 147.2  | 64   | 17.78  | 417.2 | 214  | 101.11 |
| -     | -384 | -231.11 | -389.2 | -234 | -147.78 | -119.2 | -84  | -64.44  | 150.8  | 66   | 18.89  | 420.8 | 216  | 102.22 |
| -     | -382 | -230.00 | -385.6 | -232 | -146.67 | -115.6 | -82  | -63.33  | 154.4  | 68   | 20.00  | 424.4 | 218  | 103.33 |
| -     | -380 | -228.89 | -382.0 | -230 | -145.56 | -112.0 | -80  | -62.22  | 158.0  | 70   | 21.11  | 428.0 | 220  | 104.44 |
| -     | -378 | -227.78 | -378.4 | -228 | -144.44 | -108.4 | -78  | -61.11  | 161.6  | 72   | 22.22  | 431.6 | 222  | 105.56 |
| -     | -376 | -226.67 | -374.8 | -226 | -143.33 | -104.8 | -76  | -60.00  | 165.2  | 74   | 23.33  | 435.2 | 224  | 106.67 |
| -     | -374 | -225.56 | -371.2 | -224 | -142.22 | -101.2 | -74  | -58.89  | 168.8  | 76   | 24.44  | 438.8 | 226  | 107.78 |
| -     | -372 | -224.44 | -367.6 | -222 | -141.11 | -97.6  | -72  | -57.78  | 172.4  | 78   | 25.56  | 442.4 | 228  | 108.89 |
| -     | -370 | -223.33 | -364.0 | -220 | -140.00 | -94.0  | -70  | -56.67  | 176.0  | 80   | 26.67  | 446.0 | 230  | 110.00 |
| -     | -368 | -222.22 | -360.4 | -218 | -138.89 | -90.4  | -68  | -55.56  | 179.6  | 82   | 27.78  | 449.6 | 232  | 111.11 |
| -     | -366 | -221.11 | -356.8 | -216 | -137.78 | -86.8  | -66  | -54.44  | 183.2  | 84   | 28.89  | 453.2 | 234  | 112.22 |
| -     | -364 | -220.00 | -353.2 | -214 | -136.67 | -83.2  | -64  | -53.33  | 186.8  | 86   | 30.00  | 456.8 | 236  | 113.33 |
| -     | -362 | -218.89 | -349.6 | -212 | -135.56 | -79.6  | -62  | -52.22  | 190.4  | 88   | 31.11  | 460.4 | 238  | 114.44 |
| -     | -360 | -217.78 | -346.0 | -210 | -134.44 | -76.0  | -60  | -51.11  | 194.0  | 90   | 32.22  | 464.0 | 240  | 115.56 |
| -     | -358 | -216.67 | -342.4 | -208 | -133.33 | -72.4  | -58  | -50.00  | 197.6  | 92   | 33.33  | 467.6 | 242  | 116.67 |
| -     | -356 | -215.56 | -338.8 | -206 | -132.22 | -68.8  | -56  | -48.89  | 201.2  | 94   | 34.44  | 471.2 | 244  | 117.78 |
| -     | -354 | -214.44 | -335.2 | -204 | -131.11 | -65.2  | -54  | -47.78  | 204.8  | 96   | 35.56  | 474.8 | 246  | 118.89 |
| -     | -352 | -213.33 | -331.6 | -202 | -130.00 | -61.6  | -52  | -46.67  | 208.4  | 98   | 36.67  | 478.4 | 248  | 120.00 |
| -     | -350 | -212.22 | -328.0 | -200 | -128.89 | -58.0  | -50  | -45.56  | 212.0  | 100  | 37.78  | 482.0 | 250  | 121.11 |
| -     | -348 | -211.11 | -324.4 | -198 | -127.78 | -54.4  | -48  | -44.44  | 215.6  | 102  | 38.89  | 485.6 | 252  | 122.22 |
| -     | -346 | -210.00 | -320.8 | -196 | -126.67 | -50.8  | -46  | -43.33  | 219.2  | 104  | 40.00  | 489.2 | 254  | 123.33 |
| -     | -344 | -208.89 | -317.2 | -194 | -125.56 | -47.2  | -44  | -42.22  | 222.8  | 106  | 41.11  | 492.8 | 256  | 124.44 |
| -     | -342 | -207.78 | -313.6 | -192 | -124.44 | -43.6  | -42  | -41.11  | 226.4  | 108  | 42.22  | 496.4 | 258  | 125.56 |
| -     | -340 | -206.67 | -310.0 | -190 | -123.33 | -40.0  | -40  | -40.00  | 230.0  | 110  | 43.33  | 500.0 | 260  | 126.67 |
| -     | -338 | -205.56 | -306.4 | -188 | -122.22 | -36.4  | -38  | -38.89  | 233.6  | 112  | 44.44  | 503.6 | 262  | 127.78 |
| -     | -336 | -204.44 | -302.8 | -186 | -121.11 | -32.8  | -36  | -37.78  | 237.2  | 114  | 45.56  | 507.2 | 264  | 128.89 |
| -     | -334 | -203.33 | -299.2 | -184 | -120.00 | -29.2  | -34  | -36.67  | 240.8  | 116  | 46.67  | 510.8 | 266  | 130.00 |
| -     | -332 | -202.22 | -295.6 | -182 | -118.89 | -25.6  | -32  | -35.56  | 244.4  | 118  | 47.78  | 514.4 | 268  | 131.11 |
| -     | -330 | -201.11 | -292.0 | -180 | -117.78 | -22.0  | -30  | -34.44  | 248.0  | 120  | 48.89  | 518.0 | 270  | 132.22 |
| -     | -328 | -200.00 | -288.4 | -178 | -116.67 | -18.4  | -28  | -33.33  | 251.6  | 122  | 50.00  | 521.6 | 272  | 133.33 |
| -     | -326 | -198.89 | -284.8 | -176 | -115.56 | -14.8  | -26  | -32.22  | 255.2  | 124  | 51.11  | 525.2 | 274  | 134.44 |
| -     | -324 | -197.78 | -281.2 | -174 | -114.44 | -11.2  | -24  | -31.11  | 258.8  | 126  | 52.22  | 528.8 | 276  | 135.56 |
| -     | -322 | -196.67 | -277.6 | -172 | -113.33 | -7.6   | -22  | -30.00  | 262.4  | 128  | 53.33  | 532.4 | 278  | 136.67 |
| -     | -320 | -195.56 | -274.0 | -170 | -112.22 | -4.0   | -20  | -28.89  | 266.0  | 130  | 54.44  | 536.0 | 280  | 137.78 |
| -     | -318 | -194.44 | -270.4 | -168 | -111.11 | -0.4   | -18  | -27.78  | 269.6  | 132  | 55.56  | 539.6 | 282  | 138.89 |
| -     | -316 | -193.33 | -266.8 | -166 | -110.00 | +3.2   | -16  | -26.67  | 273.2  | 134  | 56.67  | 543.2 | 284  | 140.00 |
| -     | -314 | -192.22 | -263.2 | -164 | -108.89 | +6.8   | -14  | -25.56  | 276.8  | 136  | 57.78  | 546.8 | 286  | 141.11 |
| -     | -312 | -191.11 | -259.6 | -162 | -107.78 | +10.4  | -12  | -24.44  | 280.4  | 138  | 58.89  | 550.4 | 288  | 142.22 |
| -     | -310 | -190.00 | -256.0 | -160 | -106.67 | +14.0  | -10  | -23.33  | 284.0  | 140  | 60.00  | 554.0 | 290  | 143.33 |

# ITS

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| to °F | From | to °C  | to °F  | From | to °C  | to °F  | From | to °C  | to °F  | From | to °C  | to °F  | From | to °C  |
|-------|------|--------|--------|------|--------|--------|------|--------|--------|------|--------|--------|------|--------|
| 557.6 | 292  | 144.44 | 870.8  | 466  | 241.11 | 1832.0 | 1000 | 537.78 | 3398.0 | 1870 | 1021.1 | 4964.0 | 2740 | 1504.4 |
| 561.2 | 294  | 145.56 | 874.4  | 468  | 242.22 | 1850.0 | 1010 | 543.33 | 3416.0 | 1880 | 1026.7 | 4982.0 | 2750 | 1510.0 |
| 564.8 | 296  | 146.67 | 878.0  | 470  | 243.33 | 1868.0 | 1020 | 548.89 | 3434.0 | 1890 | 1032.2 | 5000.0 | 2760 | 1515.6 |
| 568.4 | 298  | 147.78 | 881.6  | 472  | 244.44 | 1886.0 | 1030 | 554.44 | 3452.0 | 1900 | 1037.8 | 5018.0 | 2770 | 1521.1 |
| 572.0 | 300  | 148.89 | 885.2  | 474  | 245.56 | 1904.0 | 1040 | 560.00 | 3470.0 | 1910 | 1043.3 | 5036.0 | 2780 | 1526.7 |
| 575.6 | 302  | 150.00 | 888.8  | 476  | 246.67 | 1922.0 | 1050 | 565.56 | 3488.0 | 1920 | 1048.9 | 5054.0 | 2790 | 1532.2 |
| 579.2 | 304  | 151.11 | 892.4  | 478  | 247.78 | 1940.0 | 1060 | 571.11 | 3506.0 | 1930 | 1054.4 | 5072.0 | 2800 | 1537.8 |
| 582.8 | 306  | 152.22 | 896.0  | 480  | 248.89 | 1958.0 | 1070 | 576.67 | 3524.0 | 1940 | 1060.0 | 5090.0 | 2810 | 1543.3 |
| 586.4 | 308  | 153.33 | 899.6  | 482  | 250.00 | 1976.0 | 1080 | 582.22 | 3542.0 | 1950 | 1065.6 | 5108.0 | 2820 | 1548.9 |
| 590.0 | 310  | 154.44 | 903.2  | 484  | 251.11 | 1994.0 | 1090 | 587.78 | 3560.0 | 1960 | 1071.1 | 5126.0 | 2830 | 1554.4 |
| 593.6 | 312  | 155.56 | 906.8  | 486  | 252.22 | 2012.0 | 1100 | 593.33 | 3578.0 | 1970 | 1076.7 | 5144.0 | 2840 | 1560.0 |
| 597.2 | 314  | 156.67 | 910.4  | 488  | 253.33 | 2030.0 | 1110 | 598.89 | 3596.0 | 1980 | 1082.2 | 5162.0 | 2850 | 1565.6 |
| 600.8 | 316  | 157.78 | 914.0  | 490  | 254.44 | 2048.0 | 1120 | 604.44 | 3614.0 | 1990 | 1087.8 | 5180.0 | 2860 | 1571.1 |
| 604.4 | 318  | 158.89 | 917.6  | 492  | 255.56 | 2066.0 | 1130 | 610.00 | 3632.0 | 2000 | 1093.3 | 5198.0 | 2870 | 1576.7 |
| 608.0 | 320  | 160.00 | 921.2  | 494  | 256.67 | 2084.0 | 1140 | 615.56 | 3650.0 | 2010 | 1098.9 | 5216.0 | 2880 | 1582.2 |
| 611.6 | 322  | 161.11 | 924.8  | 496  | 257.78 | 2102.0 | 1150 | 621.11 | 3668.0 | 2020 | 1104.4 | 5234.0 | 2890 | 1597.8 |
| 615.2 | 324  | 162.22 | 928.4  | 498  | 258.89 | 2120.0 | 1160 | 626.67 | 3686.0 | 2030 | 1110.0 | 5252.0 | 2900 | 1593.3 |
| 618.8 | 326  | 163.33 | 932.0  | 500  | 260.00 | 2138.0 | 1170 | 632.22 | 3704.0 | 2040 | 1115.6 | 5270.0 | 2910 | 1598.9 |
| 622.4 | 328  | 164.44 | 935.6  | 502  | 261.11 | 2156.0 | 1180 | 637.78 | 3722.0 | 2050 | 1121.1 | 5288.0 | 2920 | 1604.4 |
| 626.0 | 330  | 165.56 | 939.2  | 504  | 262.22 | 2174.0 | 1190 | 643.33 | 3740.0 | 2060 | 1126.7 | 5306.0 | 2930 | 1610.0 |
| 629.6 | 332  | 166.67 | 942.8  | 506  | 263.33 | 2192.0 | 1200 | 648.89 | 3758.0 | 2070 | 1132.2 | 5324.0 | 2940 | 1615.6 |
| 633.2 | 334  | 167.78 | 946.4  | 508  | 264.44 | 2210.0 | 1210 | 654.44 | 3776.0 | 2080 | 1137.8 | 5342.0 | 2950 | 1621.1 |
| 636.8 | 336  | 168.89 | 950.0  | 510  | 265.56 | 2228.0 | 1220 | 660.00 | 3794.0 | 2090 | 1143.3 | 5360.0 | 2960 | 1626.7 |
| 640.4 | 338  | 170.00 | 953.6  | 512  | 266.67 | 2246.0 | 1230 | 665.56 | 3812.0 | 2100 | 1148.9 | 5378.0 | 2970 | 1632.2 |
| 644.0 | 340  | 171.11 | 957.2  | 514  | 267.78 | 2264.0 | 1240 | 671.11 | 3830.0 | 2110 | 1154.4 | 5396.0 | 2980 | 1637.8 |
| 647.6 | 342  | 172.22 | 960.8  | 516  | 268.89 | 2282.0 | 1250 | 676.67 | 3848.0 | 2120 | 1160.0 | 5414.0 | 2990 | 1643.3 |
| 651.2 | 344  | 173.33 | 964.4  | 518  | 270.00 | 2300.0 | 1260 | 682.22 | 3866.0 | 2130 | 1165.6 | 5432.0 | 3000 | 1648.9 |
| 654.8 | 346  | 174.44 | 968.0  | 520  | 271.11 | 2318.0 | 1270 | 687.78 | 3884.0 | 2140 | 1171.1 | 5450.0 | 3010 | 1654.4 |
| 658.4 | 348  | 175.56 | 971.6  | 522  | 272.22 | 2336.0 | 1280 | 693.33 | 3902.0 | 2150 | 1176.7 | 5468.0 | 3020 | 1660.0 |
| 662.0 | 350  | 176.67 | 975.2  | 524  | 273.33 | 2354.0 | 1290 | 698.89 | 3920.0 | 2160 | 1182.2 | 5486.0 | 3030 | 1665.6 |
| 665.6 | 352  | 177.78 | 978.8  | 526  | 274.44 | 2372.0 | 1300 | 704.44 | 3938.0 | 2170 | 1187.8 | 5504.0 | 3040 | 1671.1 |
| 669.2 | 354  | 178.89 | 982.4  | 528  | 276.56 | 2390.0 | 1310 | 710.00 | 3956.0 | 2180 | 1193.3 | 5522.0 | 3050 | 1676.7 |
| 672.8 | 356  | 180.00 | 986.0  | 530  | 276.67 | 2408.0 | 1320 | 715.56 | 3974.0 | 2190 | 1198.9 | 5540.0 | 3060 | 1682.2 |
| 676.4 | 358  | 181.11 | 989.6  | 532  | 277.78 | 2426.0 | 1330 | 721.11 | 3992.0 | 2200 | 1204.4 | 5558.0 | 3070 | 1687.8 |
| 680.0 | 360  | 182.22 | 993.2  | 534  | 278.89 | 2444.0 | 1340 | 726.67 | 4010.0 | 2210 | 1210.0 | 5576.0 | 3080 | 1693.3 |
| 683.6 | 362  | 183.33 | 996.8  | 536  | 280.00 | 2462.0 | 1350 | 732.22 | 4028.0 | 2220 | 1215.6 | 5594.0 | 3090 | 1698.9 |
| 687.2 | 364  | 184.44 | 1000.4 | 538  | 281.11 | 2480.0 | 1360 | 737.78 | 4046.0 | 2230 | 1221.1 | 5612.0 | 3100 | 1704.4 |
| 690.8 | 366  | 186.56 | 1004.0 | 540  | 282.22 | 2498.0 | 1370 | 743.33 | 4064.0 | 2240 | 1226.7 | 5702.0 | 3150 | 1732.2 |
| 694.4 | 368  | 186.67 | 1007.6 | 542  | 283.33 | 2516.0 | 1380 | 748.89 | 4082.0 | 2250 | 1232.2 | 5720.0 | 3200 | 1760.0 |
| 698.0 | 370  | 187.78 | 1011.2 | 544  | 284.44 | 2534.0 | 1390 | 754.44 | 4100.0 | 2260 | 1237.8 | 5822.0 | 3250 | 1787.8 |
| 701.6 | 372  | 188.89 | 1014.8 | 546  | 285.56 | 2552.0 | 1400 | 760.00 | 4118.0 | 2270 | 1243.3 | 5922.0 | 3300 | 1815.6 |
| 705.2 | 374  | 190.00 | 1018.4 | 548  | 286.67 | 2570.0 | 1410 | 765.56 | 4136.0 | 2280 | 1248.9 | 6022.0 | 3350 | 1843.3 |
| 708.8 | 376  | 191.11 | 1022.0 | 550  | 287.78 | 2588.0 | 1420 | 771.11 | 4154.0 | 2290 | 1254.4 | 6122.0 | 3400 | 1871.1 |
| 712.4 | 378  | 192.22 | 1025.6 | 552  | 289.89 | 2606.0 | 1430 | 776.67 | 4172.0 | 2300 | 1260.0 | 6222.0 | 3450 | 1898.9 |
| 716.0 | 380  | 193.33 | 1029.2 | 554  | 291.11 | 2624.0 | 1440 | 782.22 | 4190.0 | 2310 | 1265.6 | 6322.0 | 3500 | 1926.7 |
| 719.6 | 382  | 194.44 | 1032.8 | 556  | 292.22 | 2642.0 | 1450 | 787.78 | 4208.0 | 2320 | 1271.1 | 6422.0 | 3550 | 1954.4 |
| 723.2 | 384  | 195.56 | 1036.4 | 558  | 293.33 | 2660.0 | 1460 | 793.33 | 4226.0 | 2330 | 1276.7 | 6522.0 | 3600 | 1982.2 |
| 726.8 | 386  | 196.67 | 1040.0 | 560  | 294.44 | 2678.0 | 1470 | 798.89 | 4244.0 | 2340 | 1282.2 | 6622.0 | 3650 | 2010.0 |
| 730.4 | 388  | 197.78 | 1043.6 | 562  | 295.56 | 2696.0 | 1480 | 804.44 | 4262.0 | 2350 | 1287.8 | 6692.0 | 3700 | 2037.8 |
| 734.0 | 390  | 198.89 | 1047.2 | 564  | 296.67 | 2714.0 | 1490 | 810.00 | 4280.0 | 2360 | 1293.3 | 6782.0 | 3750 | 2065.6 |
| 737.6 | 392  | 200.00 | 1050.8 | 566  | 297.78 | 2732.0 | 1500 | 815.56 | 4298.0 | 2370 | 1298.9 | 6872.0 | 3800 | 2093.3 |
| 741.2 | 394  | 201.11 | 1054.4 | 568  | 298.89 | 2750.0 | 1510 | 821.11 | 4316.0 | 2380 | 1304.4 | 6962.0 | 3850 | 2121.1 |
| 744.8 | 396  | 202.22 | 1058.0 | 570  | 299.89 | 2768.0 | 1520 | 826.67 | 4334.0 | 2390 | 1310.0 | 7052.0 | 3900 | 2148.9 |
| 748.4 | 398  | 203.33 | 1061.6 | 572  | 300.00 | 2786.0 | 1530 | 832.22 | 4352.0 | 2400 | 1315.6 | 7142.0 | 3950 | 2176.7 |
| 752.0 | 400  | 204.44 | 1065.2 | 574  | 301.11 | 2804.0 | 1540 | 837.78 | 4370.0 | 2410 | 1321.1 | 7232.0 | 4000 | 2204.4 |
| 755.6 | 402  | 205.56 | 1068.8 | 576  | 302.22 | 2822.0 | 1550 | 843.33 | 4388.0 | 2420 | 1326.7 | 7322.0 | 4050 | 2232.2 |
| 759.2 | 404  | 206.67 | 1072.4 | 578  | 303.33 | 2840.0 | 1560 | 848.89 | 4406.0 | 2430 | 1332.2 | 7412.0 | 4100 | 2260.0 |
| 762.8 | 406  | 207.78 | 1076.0 | 580  | 304.44 | 2858.0 | 1570 | 854.44 | 4424.0 | 2440 | 1337.8 | 7502.0 | 4150 | 2287.8 |
| 766.4 | 408  | 208.89 | 1079.6 | 582  | 305.56 | 2876.0 | 1580 | 860.00 | 4442.0 | 2450 | 1343.3 | 7592.0 | 4200 | 2315.6 |
| 770.0 | 410  | 210.00 | 1083.2 | 584  | 306.67 | 2894.0 | 1590 | 865.56 | 4460.0 | 2460 | 1348.9 | 7682.0 | 4250 | 2343.3 |
| 773.6 | 412  | 211.11 | 1086.8 | 586  | 307.78 | 2912.0 | 1600 | 871.11 | 4478.0 | 2470 | 1354.4 | 7772.0 | 4300 | 2371.1 |
| 777.2 | 414  | 212.22 | 1090.4 | 588  | 308.89 | 2930.0 | 1610 | 876.67 | 4496.0 | 2480 | 1360.0 | 7862.0 | 4350 | 2398.9 |
| 780.8 | 416  | 213.33 | 1094.0 | 590  | 309.89 | 2948.0 | 1620 | 882.22 | 4514.0 | 2490 | 1365.6 | 7952.0 | 4400 | 2426.7 |
| 784.4 | 418  | 214.44 | 1097.6 | 592  | 310.00 | 2966.0 | 1630 | 887.78 | 4532.0 | 2500 | 1371.1 | 8042.0 | 4450 | 2454.4 |
| 788.0 | 420  | 215.56 | 1101.2 | 594  | 311.11 | 2984.0 | 1640 | 893.33 | 4550.0 | 2510 | 1376.7 | 8132.0 | 4450 | 2482.2 |
| 791.6 | 422  | 216.67 | 1104.8 | 596  | 312.22 | 3002.0 | 1650 | 898.89 | 4568.0 | 2520 | 1382.2 | 8222.0 | 4550 | 2510.0 |
| 795.2 | 424  | 217.78 | 1108.4 | 598  | 313.33 | 3020.0 | 1660 | 904.44 | 4586.0 | 2530 | 1387.8 | 8312.0 | 4600 | 2537.8 |
| 798.8 | 426  | 218.89 | 1112.0 | 600  | 314.44 | 3038.0 | 1670 | 910.00 | 4604.0 | 2540 | 1393.3 | 8402.0 | 4650 | 2565.6 |
| 802.4 | 428  | 220.00 | 1115.6 | 602  | 315.56 | 3056.0 | 1680 | 915.56 | 4622.0 | 2550 | 1398.9 | 8492.0 | 4700 | 2593.3 |
| 806.0 | 430  | 221.11 | 1119.2 | 604  | 316.67 | 3074.0 | 1690 | 921.11 | 4640.0 | 2560 | 1404.4 | 8582.0 | 4750 | 2621.1 |
| 809.6 | 432  | 222.22 | 1122.8 | 606  | 317.78 | 3092.0 | 1700 | 926.67 | 4658.0 | 2570 | 1410.0 | 8672.0 | 4800 | 2648.9 |
| 813.2 | 434  | 223.33 | 1126.4 | 608  | 318.89 | 3110.0 | 1710 | 932.22 | 4676.0 | 2580 | 1415.6 | 8762.0 | 4850 | 2676.7 |
| 816.8 | 436  | 224.44 | 1130.0 | 610  | 319.89 | 3128.0 | 1720 | 937.78 | 4694.0 | 2590 | 1421.1 | 8852.0 | 4900 | 2704.4 |
| 820.4 | 438  | 225.56 | 1133.6 | 612  | 320.00 | 3146.0 | 1730 | 943.33 | 4712.0 | 2600 | 1426.7 | 8942.0 | 4950 | 2732.2 |
| 824.0 | 440  | 226.67 | 1137.2 | 614  | 321.11 | 3164.0 | 1740 | 948.89 | 4730.0 | 2610 | 1432.2 | 9032.0 | 5000 | 2760.0 |
| 827.6 | 442  | 227.78 | 1140.8 | 616  | 322.22 | 3182.0 | 1750 | 954.44 | 4748.0 | 2620 | 1437.8 | 9122.0 | 5050 | 2787.8 |
| 831.2 | 444  | 228.89 | 1144.4 | 618  | 323.33 | 3200.0 | 1760 | 960.00 | 4766.0 | 2630 | 1443.3 | 9212.0 | 5100 |        |