

NAD 27  
COLORADO CENTRAL

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| <u>Lat</u> | <u>R (feet)</u> | <u>tab diff.</u> | <u>k</u>  |
|------------|-----------------|------------------|-----------|
| 37° 50'    | 26,243,052.74   | 101.16850        | 1.0001784 |
| 37 51      | 26,236,982.63   | 101.16833        | 1.0001720 |
| 37 52      | 26,230,912.53   | 101.16783        | 1.0001658 |
| 37 53      | 26,224,842.46   | 101.16750        | 1.0001596 |
| 37 54      | 26,218,772.41   | 101.16733        | 1.0001535 |
| 37° 55'    | 26,212,702.37   | 101.16700        | 1.0001475 |
| 37 56      | 26,206,632.35   | 101.16667        | 1.0001416 |
| 37 57      | 26,200,562.35   | 101.16633        | 1.0001358 |
| 37 58      | 26,194,492.37   | 101.16600        | 1.0001300 |
| 37 59      | 26,188,422.41   | 101.16583        | 1.0001244 |
| 38° 00'    | 26,182,352.46   | 101.16550        | 1.0001188 |
| 38 01      | 26,176,282.53   | 101.16517        | 1.0001133 |
| 38 02      | 26,170,212.62   | 101.16500        | 1.0001079 |
| 38 03      | 26,164,142.72   | 101.16483        | 1.0001026 |
| 38 04      | 26,158,072.83   | 101.16450        | 1.0000974 |
| 38° 05'    | 26,152,002.96   | 101.16433        | 1.0000922 |
| 38 06      | 26,145,933.10   | 101.16417        | 1.0000871 |
| 38 07      | 26,139,863.25   | 101.16383        | 1.0000822 |
| 38 08      | 26,133,793.42   | 101.16367        | 1.0000773 |
| 38 09      | 26,127,723.60   | 101.16350        | 1.0000724 |
| 38° 10'    | 26,121,653.79   | 101.16333        | 1.0000677 |
| 38 11      | 26,115,583.99   | 101.16317        | 1.0000631 |
| 38 12      | 26,109,514.20   | 101.16283        | 1.0000585 |
| 38 13      | 26,103,444.43   | 101.16283        | 1.0000540 |
| 38 14      | 26,097,374.66   | 101.16267        | 1.0000496 |
| 38° 15'    | 26,091,304.90   | 101.16250        | 1.0000453 |
| 38 16      | 26,085,235.15   | 101.16233        | 1.0000411 |
| 38 17      | 26,079,165.41   | 101.16233        | 1.0000369 |
| 38 18      | 26,073,095.67   | 101.16217        | 1.0000329 |
| 38 19      | 26,067,025.94   | 101.16200        | 1.0000289 |
| 38° 20'    | 26,060,956.22   | 101.16200        | 1.0000250 |
| 38 21      | 26,054,886.50   | 101.16183        | 1.0000212 |
| 38 22      | 26,048,816.79   | 101.16167        | 1.0000174 |
| 38 23      | 26,042,747.09   | 101.16167        | 1.0000138 |
| 38 24      | 26,036,677.39   | 101.16167        | 1.0000102 |
| 38° 25'    | 26,030,607.69   | 101.16150        | 1.0000067 |
| 38 26      | 26,024,538.00   | 101.16167        | 1.0000033 |
| 38 27      | 26,018,468.30   | 101.16133        | 1.0000000 |
| 38 28      | 26,012,398.62   | 101.16150        | 0.9999968 |
| 38 29      | 26,006,328.93   | 101.16150        | 0.9999936 |

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| <u>Lat</u> | <u>R (feet)</u> | <u>tab diff.</u> | <u>k</u>  |
|------------|-----------------|------------------|-----------|
| 38° 30'    | 26,000,259.24   | 101.16133        | 0.9999905 |
| 38 31      | 25,994,189.56   | 101.16150        | 0.9999876 |
| 38 32      | 25,988,119.87   | 101.16133        | 0.9999847 |
| 38 33      | 25,982,050.19   | 101.16133        | 0.9999818 |
| 38 34      | 25,975,980.51   | 101.16150        | 0.9999791 |
|            |                 |                  |           |
| 38° 35'    | 25,969,910.82   | 101.16150        | 0.9999765 |
| 38 36      | 25,963,841.13   | 101.16150        | 0.9999739 |
| 38 37      | 25,957,771.44   | 101.16150        | 0.9999714 |
| 38 38      | 25,951,701.75   | 101.16167        | 0.9999690 |
| 38 39      | 25,945,632.05   | 101.16167        | 0.9999667 |
|            |                 |                  |           |
| 38° 40'    | 25,939,562.35   | 101.16167        | 0.9999645 |
| 38 41      | 25,933,492.65   | 101.16183        | 0.9999623 |
| 38 42      | 25,927,422.94   | 101.16200        | 0.9999603 |
| 38 43      | 25,921,353.22   | 101.16200        | 0.9999583 |
| 38 44      | 25,915,283.50   | 101.16200        | 0.9999564 |
|            |                 |                  |           |
| 38° 45'    | 25,909,213.78   | 101.16217        | 0.9999546 |
| 38 46      | 25,903,144.05   | 101.16250        | 0.9999528 |
| 38 47      | 25,897,074.30   | 101.16233        | 0.9999512 |
| 38 48      | 25,891,004.56   | 101.16267        | 0.9999496 |
| 38 49      | 25,884,934.80   | 101.16283        | 0.9999481 |
|            |                 |                  |           |
| 38° 50'    | 25,878,865.03   | 101.16283        | 0.9999468 |
| 38 51      | 25,872,795.26   | 101.16300        | 0.9999455 |
| 38 52      | 25,866,725.48   | 101.16333        | 0.9999442 |
| 38 53      | 25,860,655.68   | 101.16350        | 0.9999431 |
| 38 54      | 25,854,585.87   | 101.16350        | 0.9999420 |
|            |                 |                  |           |
| 38° 55'    | 25,848,516.06   | 101.16383        | 0.9999411 |
| 38 56      | 25,842,446.23   | 101.16400        | 0.9999402 |
| 38 57      | 25,836,376.39   | 101.16433        | 0.9999394 |
| 38 58      | 25,830,306.53   | 101.16450        | 0.9999387 |
| 38 59      | 25,824,236.66   | 101.16467        | 0.9999380 |
|            |                 |                  |           |
| 39° 00'    | 25,818,166.78   | 101.16500        | 0.9999375 |
| 39 01      | 25,812,096.88   | 101.16517        | 0.9999370 |
| 39 02      | 25,806,026.97   | 101.16533        | 0.9999366 |
| 39 03      | 25,799,957.05   | 101.16583        | 0.9999363 |
| 39 04      | 25,793,887.10   | 101.16600        | 0.9999361 |
|            |                 |                  |           |
| 39° 05'    | 25,787,817.14   | 101.16617        | 0.9999359 |
| 39 06      | 25,781,747.17   | 101.16667        | 0.9999359 |
| 39 07      | 25,775,677.17   | 101.16683        | 0.9999359 |
| 39 08      | 25,769,607.16   | 101.16717        | 0.9999361 |
| 39 09      | 25,763,537.13   | 101.16750        | 0.9999363 |

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| <u>Lat</u> | <u>R (feet)</u> | <u>tab diff.</u> | <u>k</u>  |
|------------|-----------------|------------------|-----------|
| 39°10'     | 25,757,467.08   | 101.16783        | 0.9999366 |
| 39 11      | 25,751,397.01   | 101.16817        | 0.9999369 |
| 39 12      | 25,745,326.92   | 101.16850        | 0.9999374 |
| 39 13      | 25,739,256.81   | 101.16883        | 0.9999379 |
| 39 14      | 25,733,186.68   | 101.16933        | 0.9999386 |
| 39°15'     | 25,727,116.52   | 101.16950        | 0.9999393 |
| 39 16      | 25,721,046.35   | 101.17000        | 0.9999401 |
| 39 17      | 25,714,976.15   | 101.17033        | 0.9999410 |
| 39 18      | 25,708,905.93   | 101.17083        | 0.9999419 |
| 39 19      | 25,702,835.68   | 101.17117        | 0.9999430 |
| 39°20'     | 25,696,765.41   | 101.17150        | 0.9999441 |
| 39 21      | 25,690,695.12   | 101.17200        | 0.9999453 |
| 39 22      | 25,684,624.80   | 101.17233        | 0.9999466 |
| 39 23      | 25,678,554.46   | 101.17300        | 0.9999480 |
| 39 24      | 25,672,484.08   | 101.17317        | 0.9999495 |
| 39°25'     | 25,666,413.69   | 101.17383        | 0.9999510 |
| 39 26      | 25,660,343.26   | 101.17417        | 0.9999527 |
| 39 27      | 25,654,272.81   | 101.17483        | 0.9999544 |
| 39 28      | 25,648,202.32   | 101.17517        | 0.9999562 |
| 39 29      | 25,642,131.81   | 101.17567        | 0.9999581 |
| 39°30'     | 25,636,061.27   | 101.17617        | 0.9999601 |
| 39 31      | 25,629,990.70   | 101.17667        | 0.9999622 |
| 39 32      | 25,623,920.10   | 101.17717        | 0.9999643 |
| 39 33      | 25,617,849.47   | 101.17767        | 0.9999666 |
| 39 34      | 25,611,778.81   | 101.17833        | 0.9999689 |
| 39°35'     | 25,605,708.11   | 101.17867        | 0.9999713 |
| 39 36      | 25,599,637.39   | 101.17933        | 0.9999738 |
| 39 37      | 25,593,566.63   | 101.18000        | 0.9999764 |
| 39 38      | 25,587,495.83   | 101.18050        | 0.9999790 |
| 39 39      | 25,581,425.00   | 101.18100        | 0.9999817 |
| 39°40'     | 25,575,354.14   | 101.18167        | 0.9999846 |
| 39 41      | 25,569,283.24   | 101.18217        | 0.9999875 |
| 39 42      | 25,563,212.31   | 101.18283        | 0.9999905 |
| 39 43      | 25,557,141.34   | 101.18350        | 0.9999936 |
| 39 44      | 25,551,070.33   | 101.18400        | 0.9999968 |
| 39°45'     | 25,544,999.29   | 101.18467        | 1.0000000 |
| 39 46      | 25,538,928.21   | 101.18533        | 1.0000033 |
| 39 47      | 25,532,857.09   | 101.18600        | 1.0000068 |
| 39 48      | 25,526,785.93   | 101.18667        | 1.0000103 |
| 39 49      | 25,520,714.73   | 101.18717        | 1.0000139 |

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| <u>Lat</u> | <u>R (feet)</u> | <u>tab diff.</u> | <u>k</u>  |
|------------|-----------------|------------------|-----------|
| 39° 50'    | 25,514,643.50   | 101.18800        | 1.0000175 |
| 39 51      | 25,508,572.22   | 101.18867        | 1.0000213 |
| 39 52      | 25,502,500.90   | 101.18933        | 1.0000252 |
| 39 53      | 25,496,429.54   | 101.19000        | 1.0000291 |
| 39 54      | 25,490,358.14   | 101.19083        | 1.0000331 |
|            |                 |                  |           |
| 39° 55'    | 25,484,286.69   | 101.19133        | 1.0000372 |
| 39 56      | 25,478,215.21   | 101.19217        | 1.0000414 |
| 39 57      | 25,472,143.68   | 101.19300        | 1.0000457 |
| 39 58      | 25,466,072.10   | 101.19367        | 1.0000501 |
| 39 59      | 25,460,000.48   | 101.19433        | 1.0000545 |
|            |                 |                  |           |
| 40° 00'    | 25,453,928.82   | 101.19517        | 1.0000590 |
| 40 01      | 25,447,857.11   | 101.19583        | 1.0000637 |
| 40 02      | 25,441,785.36   | 101.19667        | 1.0000684 |
| 40 03      | 25,435,713.56   | 101.19750        | 1.0000732 |
| 40 04      | 25,429,641.71   | 101.19833        | 1.0000780 |
|            |                 |                  |           |
| 40° 05'    | 25,423,569.81   | 101.19900        | 1.0000830 |
| 40 06      | 25,417,497.87   | 101.20000        | 1.0000880 |
| 40 07      | 25,411,425.87   | 101.20067        | 1.0000932 |
| 40 08      | 25,405,353.83   | 101.20150        | 1.0000984 |
| 40 09      | 25,399,281.74   | 101.20233        | 1.0001037 |
|            |                 |                  |           |
| 40° 10'    | 25,393,209.60   | 101.20317        | 1.0001091 |
| 40 11      | 25,387,137.41   | 101.20417        | 1.0001146 |
| 40 12      | 25,381,065.16   | 101.20483        | 1.0001201 |
| 40 13      | 25,374,992.87   | 101.20583        | 1.0001258 |
| 40 14      | 25,368,920.52   | 101.20667        | 1.0001315 |
|            |                 |                  |           |
| 40° 15'    | 25,362,848.12   | 101.20750        | 1.0001373 |
| 40 16      | 25,356,775.67   | 101.20850        | 1.0001432 |
| 40 17      | 25,350,703.16   | 101.20933        | 1.0001492 |
| 40 18      | 25,344,630.60   | 101.21033        | 1.0001553 |
| 40 19      | 25,338,557.98   | 101.21117        | 1.0001615 |
|            |                 |                  |           |
| 40° 20'    | 25,332,485.31   |                  | 1.0001677 |