

**GEN 2.6 CONVERSION TABLES**

| METERS TO FEET<br>1M=3.28FT |        | FEET TO METERS<br>1FT= 0.3048M |        | NAUTICAL MILES TO<br>KILOMETERS<br>1NM-1.852KM |       | KILOMETERS TO<br>NAUTICAL MILES<br>1KM=0.54NM |       |
|-----------------------------|--------|--------------------------------|--------|--|-------|---|-------|
| M                           | FT     | FT                             | M      | NM   | KM    | KM  | NM    |
| 1                           | 3.28   | 1                              | 0.3048 | 1  | 1.852 | 1   | 0.540 |
| 2                           | 6.56   | 2                              | 0.61   | 2  | 3.704 | 2   | 1.080 |
| 3                           | 9.84   | 3                              | 0.91   | 3  | 5.556 | 3   | 1.620 |
| 4                           | 13.12  | 4                              | 1.22   | 4  | 7.408 | 4   | 2.160 |
| 5                           | 16.40  | 5                              | 1.52   | 5  | 9.26  | 5   | 2.700 |
| 6                           | 19.68  | 6                              | 1.83   | 6  | 11.11 | 6   | 3.240 |
| 7                           | 22.97  | 7                              | 2.13   | 7  | 12.96 | 7   | 3.780 |
| 8                           | 26.25  | 8                              | 2.44   | 8  | 14.82 | 8   | 4.320 |
| 9                           | 29.53  | 9                              | 2.74   | 9  | 16.67 | 9   | 4.86  |
| 10                          | 32.81  | 10                             | 3.05   | 10   | 18.52 | 10  | 5.40  |
| 20                          | 65.62  | 20                             | 6.10   | 20   | 37.04 | 20  | 10.80 |
| 30                          | 98.42  | 30                             | 9.14   | 30   | 55.56 | 30  | 16.20 |
| 40                          | 131.23 | 40                             | 12.19  | 40   | 74.08 | 40  | 21.60 |
| 50                          | 164.04 | 50                             | 15.24  | 50   | 92.60 | 50  | 27.00 |
| 60                          | 196.85 | 60                             | 18.29  | 60   | 111.1 | 60  | 32.40 |
| 70                          | 229.66 | 70                             | 21.34  | 70   | 129.6 | 70  | 37.80 |
| 80                          | 262.46 | 80                             | 24.38  | 80   | 148.2 | 80  | 43.20 |
| 90                          | 295.27 | 90                             | 27.43  | 90   | 166.7 | 90  | 48.59 |
| 100                         | 328.08 | 100                            | 30.48  | 100  | 185.2 | 100   | 54.0  |
| 200                         | 656.16 | 200                            | 60.96  | 200  | 370.4 | 200   | 108.0 |
| 300                         | 984.24 | 300                            | 91.44  | 300  | 555.6 | 300   | 162.0 |
| 400                         | 1312.3 | 400                            | 121.92 | 400  | 740.8 | 400   | 216.0 |
| 500                         | 1640.4 | 500                            | 152.40 | 500  | 926.0 | 500   | 270.0 |
| 600                         | 1968.5 | 600                            | 182.88 | 600  | 1111  | 600   | 324.0 |
| 700                         | 2296.6 | 700                            | 213.36 | 700  | 1296  | 700   | 378.0 |
| 800                         | 2624.6 | 800                            | 243.84 | 800  | 1482  | 800   | 432.0 |
| 900                         | 2952.7 | 900                            | 274.32 | 900  | 1667  | 900   | 485.9 |
| 1000                        | 3280.8 | 1000                           | 304.80 | 1000   | 1852  | 1000  | 540   |
| 2000                        | 6561.6 | 2000                           | 609.60 | 2000   | 3704  | 2000  | 1080  |
| 3000                        | 9842.4 | 3000                           | 914.40 | 3000   | 5556  | 3000  | 1620  |
| 4000                        | 13123  | 4000                           | 1219.2 | 4000   | 7408  | 4000  | 2160  |
| 5000                        | 16404  | 5000                           | 1524.0 | 5000   | 9260  | 5000  | 2700  |
| 6000                        | 19685  | 6000                           | 1828.8 | 6000   | 1112  | 6000  | 3240  |
| 7000                        | 22966  | 7000                           | 2133.6 | 7000   | 12964 | 7000  | 3780  |
| 8000                        | 26246  | 8000                           | 2438.4 | 8000   | 14816 | 8000  | 4320  |
| 9000                        | 29527  | 9000                           | 2743.2 | 9000   | 16668 | 9000  | 4859  |
| 10000                       | 32807  | 10000                          | 3048.0 | 10000  | 18520 | 10000   | 5400  |
|                             |        | 10500                          | 3200.4 |  |       |   |       |

| KILOGRAMS TO POUNDS<br>1kg = 2.20 lb |          | POUNDS TO KILOGRAMS<br>1 lb = 0.454k g. |           |
|--------------------------------------|----------|---|-----------|
| kg                                   | lb       | lb                                      | kg        |
| 1                                    | 2.20     | 1                                       | 0.454     |
| 2                                    | 4.41     | 2                                       | 0.907     |
| 3                                    | 6.61     | 3                                       | 1.361     |
| 4                                    | 8.82     | 4                                       | 1.814     |
| 5                                    | 11.02    | 5                                       | 2.268     |
| 6                                    | 13.23    | 6                                       | 2.722     |
| 7                                    | 15.43    | 7                                       | 3.175     |
| 8                                    | 17.64    | 8                                       | 3.629     |
| 9                                    | 19.84    | 9                                       | 4.082     |
| 10                                   | 22.05    | 10                                      | 4.536     |
| 20                                   | 44.09    | 20                                      | 9.072     |
| 30                                   | 66.14    | 30                                      | 13.608    |
| 40                                   | 88.18    | 40                                      | 18.144    |
| 50                                   | 110.23   | 50                                      | 22.680    |
| 60                                   | 132.28   | 60                                      | 27.216    |
| 70                                   | 154.32   | 70                                      | 31.751    |
| 80                                   | 176.37   | 80                                      | 36.287    |
| 90                                   | 198.41   | 90                                      | 40.823    |
| 100                                  | 220.5    | 100                                     | 45.359    |
| 200                                  | 440.9    | 200                                     | 90.718    |
| 300                                  | 661.4    | 300                                     | 136.077   |
| 400                                  | 881.8    | 400                                     | 181.436   |
| 500                                  | 1102.3   | 500                                     | 226.795   |
| 600                                  | 1322.8   | 600                                     | 272.154   |
| 700                                  | 1543.2   | 700                                     | 317.513   |
| 800                                  | 1763.7   | 800                                     | 362.872   |
| 900                                  | 1984.1   | 900                                     | 408.231   |
| 1000                                 | 2204.6   | 1000                                    | 453.590   |
| 2000                                 | 4409.2   | 2000                                    | 907.180   |
| 3000                                 | 6613.8   | 3000                                    | 1360.770  |
| 4000                                 | 8818.4   | 4000                                    | 1814.360  |
| 5000                                 | 11023.0  | 5000                                    | 2267.950  |
| 6000                                 | 13227.6  | 6000                                    | 2721.540  |
| 7000                                 | 15432.2  | 7000                                    | 3175.130  |
| 8000                                 | 17636.8  | 8000                                    | 3628.720  |
| 9000                                 | 19841.4  | 9000                                    | 4082.310  |
| 10000                                | 22046.0  | 10000                                   | 4535.900  |
| 20000                                | 44092.0  | 20000                                   | 9071.800  |
| 30000                                | 66138.0  | 30000                                   | 13607.700 |
| 40000                                | 88184.0  | 40000                                   | 18143.600 |
| 50000                                | 110230.0 | 50000                                   | 22679.500 |
| 60000                                | 132276.0 | 60000                                   | 27215.400 |
| 70000                                | 154322.0 | 70000                                   | 31751.300 |
| 80000                                | 176368.0 | 80000                                   | 36287.200 |
| 90000                                | 198414.0 | 90000                                   | 40823.100 |
| 100000                               | 220460.0 | 100000                                  | 45359.000 |
|                                      |          |   | 90718.000 |

From decimal minutes of an arc to seconds of an arc

| MIN  | SEC  | MIN  | SEC  | MIN  | SEC  | MIN  | SEC  |
|------|------|------|------|------|------|------|------|
| 0.01 | 0.6  | 0.26 | 15.6 | 0.51 | 30.6 | 0.76 | 45.6 |
| 0.02 | 1.2  | 0.27 | 16.2 | 0.52 | 31.2 | 0.77 | 46.2 |
| 0.03 | 1.8  | 0.28 | 16.8 | 0.53 | 31.8 | 0.78 | 46.8 |
| 0.04 | 2.4  | 0.29 | 17.4 | 0.54 | 32.4 | 0.79 | 47.4 |
| 0.05 | 3.0  | 0.30 | 18.0 | 0.55 | 33.0 | 0.80 | 48.0 |
| 0.06 | 3.6  | 0.31 | 18.6 | 0.56 | 33.6 | 0.81 | 48.6 |
| 0.07 | 4.2  | 0.32 | 19.2 | 0.57 | 34.2 | 0.82 | 49.2 |
| 0.08 | 4.8  | 0.33 | 19.8 | 0.58 | 34.8 | 0.83 | 49.8 |
| 0.09 | 5.4  | 0.34 | 20.4 | 0.59 | 35.4 | 0.84 | 50.4 |
| 0.10 | 6.0  | 0.35 | 21.0 | 0.60 | 36.0 | 0.85 | 51.0 |
| 0.11 | 6.6  | 0.36 | 21.6 | 0.61 | 36.6 | 0.86 | 51.6 |
| 0.12 | 7.2  | 0.37 | 22.2 | 0.62 | 37.2 | 0.87 | 52.2 |
| 0.13 | 7.8  | 0.38 | 22.8 | 0.63 | 37.8 | 0.88 | 52.8 |
| 0.14 | 8.4  | 0.39 | 23.4 | 0.64 | 38.4 | 0.89 | 53.4 |
| 0.15 | 9.0  | 0.40 | 24.0 | 0.65 | 39.0 | 0.90 | 54.0 |
| 0.16 | 9.6  | 0.41 | 24.6 | 0.66 | 39.6 | 0.91 | 54.6 |
| 0.17 | 10.2 | 0.42 | 25.2 | 0.67 | 40.2 | 0.92 | 55.2 |
| 0.18 | 10.8 | 0.43 | 25.8 | 0.68 | 40.8 | 0.93 | 55.8 |
| 0.19 | 11.4 | 0.44 | 26.4 | 0.69 | 41.4 | 0.94 | 56.4 |
| 0.20 | 12.0 | 0.45 | 27.0 | 0.70 | 42.0 | 0.95 | 57.0 |
| 0.21 | 12.6 | 0.46 | 27.6 | 0.71 | 42.6 | 0.96 | 57.6 |
| 0.22 | 13.2 | 0.47 | 28.2 | 0.72 | 43.2 | 0.97 | 58.2 |
| 0.23 | 13.8 | 0.48 | 28.8 | 0.73 | 43.8 | 0.98 | 58.8 |
| 0.24 | 14.4 | 0.49 | 29.4 | 0.74 | 44.4 | 0.99 | 59.4 |
| 0.25 | 15.0 | 0.50 | 30.0 | 0.75 | 45.0 |      |      |

From seconds of an arc to decimal minutes of an arc

| SEC | MIN  | SEC | MIN  | SEC | MIN  | SEC | MIN  |
|-----|------|-----|------|-----|------|-----|------|
| 1   | 0.02 | 17  | 0.27 | 31  | 0.52 | 46  | 0.77 |
| 2   | 0.03 | 17  | 0.28 | 32  | 0.53 | 47  | 0.78 |
| 3   | 0.05 | 18  | 0.30 | 33  | 0.55 | 48  | 0.80 |
| 4   | 0.07 | 19  | 0.32 | 34  | 0.57 | 49  | 0.82 |
| 5   | 0.08 | 20  | 0.33 | 35  | 0.58 | 50  | 0.83 |
| 6   | 0.10 | 21  | 0.35 | 36  | 0.60 | 51  | 0.85 |
| 7   | 0.12 | 22  | 0.37 | 37  | 0.62 | 52  | 0.87 |
| 8   | 0.13 | 23  | 0.38 | 38  | 0.63 | 53  | 0.88 |
| 9   | 0.15 | 24  | 0.40 | 39  | 0.65 | 54  | 0.90 |
| 10  | 0.17 | 25  | 0.42 | 40  | 0.67 | 55  | 0.92 |
| 11  | 0.18 | 26  | 0.43 | 41  | 0.68 | 56  | 0.93 |
| 12  | 0.20 | 27  | 0.45 | 42  | 0.70 | 57  | 0.95 |
| 13  | 0.22 | 28  | 0.47 | 43  | 0.72 | 58  | 0.97 |
| 14  | 0.23 | 29  | 0.48 | 44  | 0.73 | 59  | 0.98 |
| 15  | 0.25 | 30  | 0.50 | 45  | 0.75 |     |      |

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