

**GEN 2.6 CONVERSION TABLES**

| NM to KM<br>1 NM = 1.852 KM |         | KM to NM<br>1 KM = 0.54 NM |        | FT to M<br>1 FT = 0.3048 M |          | M to FT<br>1 M = 3.281 FT |          |
|-----------------------------|---------|----------------------------|--------|----------------------------|----------|---------------------------|----------|
| NM                          | KM      | KM                         | NM     | FT                         | M        | M                         | FT       |
| 0.1                         | 0.185   | 0.1                        | 0.05   | 1                          | 0.305    | 1                         | 0.305    |
| 0.2                         | 0.370   | 0.2                        | 0.11   | 2                          | 0.610    | 2                         | 0.610    |
| 0.3                         | 0.556   | 0.3                        | 0.16   | 3                          | 0.914    | 3                         | 0.914    |
| 0.4                         | 0.741   | 0.4                        | 0.22   | 4                          | 1.219    | 4                         | 13.12    |
| 0.5                         | 0.926   | 0.5                        | 0.27   | 5                          | 1.524    | 5                         | 16.40    |
| 0.6                         | 1.111   | 0.6                        | 0.32   | 6                          | 1.829    | 6                         | 19.69    |
| 0.7                         | 1.296   | 0.7                        | 0.38   | 7                          | 2.135    | 7                         | 22.97    |
| 0.8                         | 1.482   | 0.8                        | 1.482  | 8                          | 2.438    | 8                         | 26.25    |
| 0.9                         | 1.667   | 0.9                        | 1.667  | 9                          | 2.743    | 9                         | 29.53    |
| 1                           | 1.852   | 10                         | 1.852  | 10                         | 3.048    | 10                        | 32.81    |
| 2                           | 3.704   | 20                         | 3.704  | 20                         | 6.096    | 20                        | 65.62    |
| 3                           | 5.556   | 30                         | 1.62   | 30                         | 9.144    | 30                        | 98.43    |
| 4                           | 7.408   | 40                         | 2.16   | 40                         | 12.192   | 40                        | 131.23   |
| 5                           | 9.260   | 50                         | 2.70   | 50                         | 15.240   | 50                        | 164.04   |
| 6                           | 11.112  | 60                         | 3.24   | 60                         | 18.288   | 60                        | 196.85   |
| 7                           | 12.964  | 70                         | 3.78   | 70                         | 21.336   | 70                        | 229.66   |
| 8                           | 14.816  | 80                         | 4.32   | 80                         | 24.384   | 80                        | 262.47   |
| 9                           | 16.668  | 90                         | 4.86   | 90                         | 27.432   | 90                        | 295.28   |
| 10                          | 18.520  | 10                         | 5.40   | 100                        | 30.480   | 100                       | 328.08   |
| 20                          | 37.040  | 20                         | 10.80  | 200                        | 60.960   | 200                       | 656.17   |
| 30                          | 55.560  | 30                         | 16.20  | 300                        | 91.440   | 300                       | 984.25   |
| 40                          | 74.080  | 40                         | 21.60  | 400                        | 121.920  | 400                       | 1312.34  |
| 50                          | 92.600  | 50                         | 27.00  | 500                        | 152.400  | 500                       | 1640.42  |
| 60                          | 111.120 | 60                         | 32.40  | 600                        | 182.880  | 600                       | 1968.50  |
| 70                          | 129.640 | 70                         | 37.80  | 700                        | 213.360  | 700                       | 2296.59  |
| 80                          | 148.160 | 80                         | 43.20  | 800                        | 243.840  | 800                       | 2624.67  |
| 90                          | 166.680 | 90                         | 48.60  | 900                        | 274.320  | 900                       | 2952.76  |
| 100                         | 185.200 | 100                        | 54.00  | 1000                       | 304.800  | 1000                      | 3280.84  |
| 200                         | 370.400 | 200                        | 107.99 | 2000                       | 609.600  | 2000                      | 6561.68  |
| 300                         | 555.600 | 300                        | 161.99 | 3000                       | 914.400  | 3000                      | 9842.52  |
| 400                         | 740.800 | 400                        | 215.98 | 4000                       | 1219.200 | 4000                      | 13123.36 |
| 500                         | 926.000 | 500                        | 269.98 | 5000                       | 1524.000 | 5000                      | 16404.20 |
|                             |         |                            |        | 6000                       | 1828.800 |                           |          |
|                             |         |                            |        | 7000                       | 2133.600 |                           |          |
|                             |         |                            |        | 8000                       | 2438.400 |                           |          |
|                             |         |                            |        | 9000                       | 2743.200 |                           |          |
|                             |         |                            |        | 10000                      | 3048.000 |                           |          |

| From seconds of an arc to decimal minutes of an arc |      |     |      |     |      |     |      |
|---|------|-----|------|-----|------|-----|------|
| SEC   | MIN  | SEC | MIN  | SEC | MIN  | SEC | MIN  |
| 1   | 0.02 | 16  | 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 |     |      |

| From decimal minutes of an arc to seconds of an arc |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|
| SEC   | MIN  | SEC  | MIN  | SEC  | MIN  | SEC  | MIN  |
| 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 |      |      |