

GEN 2.6 CONVERSION OF UNITS OF MEASUREMENT

NM to KM	
1 NM = 1.852 KM	
NM	KM
0.1	0.185
0.2	0.370
0.3	0.556
0.4	0.741
0.5	0.926
0.6	1.111
0.7	1.296
0.8	1.482
0.9	1.667
1.0	1.852
2.0	3.704
3.0	5.556
4.0	7.408
5.0	9.260
6.0	11.112
7.0	12.964
8.0	14.816
9.0	16.668
10.0	18.520
20.0	37.040
30.0	55.560
40.0	74.080
50.0	92.600
60.0	111.120
70.0	129.640
80.0	148.160
90.0	166.680
100.0	185.200
200.0	370.400
300.0	555.600
400.0	740.800
500.0	926.000

KM to NM	
1 KM = 0.54 NM	
KM	NM
0.1	0.05
0.2	0.11
0.3	0.16
0.4	0.22
0.5	0.27
0.6	0.32
0.7	0.38
0.8	0.43
0.9	0.49
1.0	0.54
2.0	1.08
3.0	1.62
4.0	2.16
5.0	2.70
6.0	3.24
7.0	3.78
8.0	4.32
9.0	4.86
10.0	5.40
20.0	10.80
30.0	16.20
40.0	21.60
50.0	27.00
60.0	32.40
70.0	37.80
80.0	43.20
90.0	48.60
100.0	54.00
200.0	107.99
300.0	161.99
400.0	215.98
500.0	269.98

FT to M	
1 FT = 0.3048 M	
FT	M
1	0.305
2	0.610
3	0.914
4	1.219
5	1.524
6	1.829
7	2.134
8	2.438
9	2.743
10	3.048
20	6.096
30	9.144
40	12.192
50	15.240
60	18.288
70	21.336
80	24.384
90	27.432
100	30.480
200	60.960
300	91.440
400	121.920
500	152.400
600	182.880
700	213.360
800	243.840
900	274.320
1 000	304.800
2 000	609.600
3 000	914.400
4 000	1 219.200
5 000	1 524.000
6 000	1 828.800
7 000	2 133.600
8 000	2 438.400
9 000	2 743.200
10 000	3 048.000

M to FT	
1 M = 3.281 FT	
M	FT
1	3.28
2	6.56
3	9.84
4	13.12
5	16.40
6	19.69
7	22.97
8	26.25
9	29.53
10	32.81
20	65.62
30	98.43
40	131.23
50	164.04
60	196.85
70	229.66
80	262.47
90	295.28
100	328.08
200	656.17
300	984.25
400	1 312.34
500	1 640.42
600	1 968.50
700	2 296.59
800	2 624.67
900	2 952.76
1 000	3 280.84
2 000	6 561.68
3 000	9 842.52
4 000	13 123.36
5 000	16 404.20

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	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	-	-

hPa/ins

(1 hPa or mb = 0.02953 ins)							
hPa	ins		hPa	ins		hPa	ins
948	27.99		982	29.00		1016	30.00
949	28.02		983	29.03		1017	30.03
950	28.05		984	29.06		1018	30.06
951	28.08		985	29.09		1019	30.09
952	28.11		986	29.12		1020	30.12
953	28.14		987	29.15		1021	30.15
954	28.17		988	29.18		1022	30.18
955	28.20		989	29.21		1023	30.21
956	28.23		990	29.23		1024	30.24
957	28.26		991	29.26		1025	30.27
958	28.29		992	29.29		1026	30.30
959	28.32		993	29.32		1027	30.33
960	28.35		994	29.35		1028	30.36
961	28.38		995	29.38		1029	30.39
962	28.41		996	29.41		1030	30.42
963	28.44		997	29.44		1031	30.45
964	28.47		998	29.47		1032	30.47
965	28.50		999	29.50		1033	30.50
966	28.53		1000	29.53		1034	30.53
967	28.56		1001	29.56		1035	30.56
968	28.59		1002	29.59		1036	30.59
969	28.61		1003	29.62		1037	30.62
970	28.64		1004	29.65		1038	30.65
971	28.67		1005	29.68		1039	30.68
972	28.70		1006	29.71		1040	30.71
973	28.73		1007	29.74		1041	30.74
974	28.76		1008	29.77		1042	30.77
975	28.79		1009	29.80		1043	30.80
976	28.82		1010	29.83		1044	30.83
977	28.85		1011	29.86		1045	30.86
978	28.88		1012	29.88		1046	30.89
979	28.91		1013	29.91		1047	30.92
980	28.94		1014	29.94		1048	30.95
981	28.97		1015	29.97		1049	30.98
						1050	31.01

°C / °F

°C	°F
-60	-76.0
-59	-74.2
-58	-72.4
-57	-70.6
-56	-68.8
-55	-67.0
-54	-65.2
-53	-63.4
-52	-61.6
-51	-59.8
-50	-58.0
-49	-56.2
-48	-54.4
-47	-52.6
-46	-50.8
-45	-49.0
-44	-47.2
-43	-45.4
-42	-43.6
-41	-41.8
-40	-40.0
-39	-38.2
-38	-36.4
-37	-34.6
-36	-32.8
-35	-31.0
-34	-29.2
-33	-27.4
-32	-25.6
-31	-23.8
-30	-22.0
-29	-20.2
-28	-18.4
-27	-16.6
-26	-14.8
-25	-13.0
-24	-11.2
-23	-9.4
-22	-7.6
-21	-5.8
-20	-4.0
-19	-2.2
-18	-0.4
-17	+1.4
-16	+3.2

°C	°F
-15	+5.0
-14	6.8
-13	8.6
-12	10.4
-11	12.2
-10	14.0
-9	15.8
-8	17.6
-7	19.4
-6	21.2
-5	23.0
-4	24.8
-3	26.6
-2	28.4
-1	30.2
0	32.0
+1	33.8
2	35.6
3	37.4
4	39.2
5	41.0
6	42.8
7	44.6
8	46.4
9	48.2
10	50.0
11	51.8
12	53.6
13	55.4
14	57.2
15	59.0
16	60.8
17	62.6
18	64.4
19	66.2
20	68.0
21	69.8
22	71.6
23	73.4
24	75.2
25	77.0
26	78.8
27	80.6
28	82.4
29	84.2

°C	°F
+30	+86.0
31	87.8
32	89.6
33	91.4
34	93.2
35	95.0
36	96.8
37	98.6
38	100.4
39	102.2
40	104.0
41	105.8
42	107.6
43	109.4
44	111.2
45	113.0
46	114.8
47	116.6
48	118.4
49	120.2
50	122.0
51	123.8
52	125.6
53	127.4
54	129.2
55	131.0
56	132.8
57	134.6
58	136.4
59	138.2
60	140.0
61	141.8
62	143.6
63	145.4
64	147.2
65	149.0
66	150.8
67	152.6
68	154.4
69	156.2
70	158.0