

GEN 2.6 CONVERSION OF UNITS OF MEASUREMENT

NM to KM		KM to NM		FT to M		M to FT	
1 NM = 1.852 KM		1 KM = 0.54 NM		1 FT = 0.3048 M		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	3.28
0.2	0.370	0.2	0.11	2	0.610	2	6.56
0.3	0.556	0.3	0.16	3	0.914	3	9.84
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	2.134	7	22.97
0.8	1.482	0.8	0.43	8	2.438	8	26.25
0.9	1.667	0.9	0.49	9	2.743	9	29.53
1.0	1.852	1.0	0.54	10	3.048	10	32.81
2.0	3.704	2.0	1.08	20	6.096	20	65.62
3.0	5.556	3.0	1.62	30	9.144	30	98.43
4.0	7.408	4.0	2.16	40	12.192	40	131.23
5.0	9.260	5.0	2.70	50	15.240	50	164.04
6.0	11.112	6.0	3.24	60	18.288	60	196.85
7.0	12.964	7.0	3.78	70	21.336	70	229.66
8.0	14.816	8.0	4.32	80	24.384	80	262.47
9.0	16.668	9.0	4.86	90	27.432	90	295.28
10.0	18.520	10.0	5.40	100	30.480	100	328.08
20.0	37.040	20.0	10.80	200	60.960	200	656.17
30.0	55.560	30.0	16.20	300	91.440	300	984.25
40.0	74.080	40.0	21.60	400	121.920	400	1 312.34
50.0	92.600	50.0	27.00	500	152.400	500	1 640.42
60.0	111.120	60.0	32.40	600	182.880	600	1 968.50
70.0	129.640	70.0	37.80	700	213.360	700	2 296.59
80.0	148.160	80.0	43.20	800	243.840	800	2 624.67
90.0	166.680	90.0	48.60	900	274.320	900	2 952.76
100.0	185.200	100.0	54.00	1 000	304.800	1 000	3 280.84
200.0	370.400	200.0	107.99	2 000	609.600	2 000	6 561.68
300.0	555.600	300.0	161.99	3 000	914.400	3 000	9 842.52
400.0	740.800	400.0	215.98	4 000	1 219.200	4 000	13 123.36
500.0	926.000	500.0	269.98	5 000	1 524.000	5 000	16 404.20
				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		

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	
948	27.99		982	29.00	
949	28.02		983	29.03	
950	28.05		984	29.06	
951	28.08		985	29.09	
952	28.11		986	29.12	
953	28.14		987	29.15	
954	28.17		988	29.18	
955	28.20		989	29.21	
956	28.23		990	29.23	
957	28.26		991	29.26	
958	28.29		992	29.29	
959	28.32		993	29.32	
960	28.35		994	29.35	
961	28.38		995	29.38	
962	28.41		996	29.41	
963	28.44		997	29.44	
964	28.47		998	29.47	
965	28.50		999	29.50	
966	28.53		1000	29.53	
967	28.56		1001	29.56	
968	28.59		1002	29.59	
969	28.61		1003	29.62	
970	28.64		1004	29.65	
971	28.67		1005	29.68	
972	28.70		1006	29.71	
973	28.73		1007	29.74	
974	28.76		1008	29.77	
975	28.79		1009	29.80	
976	28.82		1010	29.83	
977	28.85		1011	29.86	
978	28.88		1012	29.88	
979	28.91		1013	29.91	
980	28.94		1014	29.94	
981	28.97		1015	29.97	

°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