

ALTITUDE CORRECTION TABLES 10°-90°—SUN, STARS, PLANETS

OCT.—MAR. SUN			APR.—SEPT.			STARS AND PLANETS				DIP			
App. Alt.	Lower Limb	Upper Limb	App. Alt.	Lower Limb	Upper Limb	App. Alt.	Corr ⁿ	App. Alt.	Additional Corr ⁿ	Ht. of Eye	Corr ⁿ	Ht. of Eye	Corr ⁿ
°	'		°	'		°	'	2000		m		ft.	m
9 34	+10.8	-21.5	9 39	+10.6	-21.2	9 56	-5.3	VENUS		2.4	-2.8	8.0	1.0 - 1.8
9 45	+10.9	-21.4	9 51	+10.7	-21.1	10 08	-5.2	Jan. 1-Dec. 8		2.6	-2.9	8.6	1.5 - 2.2
9 56	+11.0	-21.3	10 03	+10.8	-21.0	10 20	-5.1	°		2.8	-3.0	9.2	2.0 - 2.5
10 08	+11.1	-21.2	10 15	+10.9	-20.9	10 33	-5.0	0 +0.1		3.0	-3.1	9.8	2.5 - 2.8
10 21	+11.2	-21.1	10 27	+11.0	-20.8	10 46	-4.9	60		3.2	-3.2	10.5	3.0 - 3.0
10 34	+11.3	-21.0	10 40	+11.1	-20.7	11 00	-4.8	Dec. 9-Dec. 31		3.4	-3.3	11.2	See table ←
10 47	+11.4	-20.9	10 54	+11.2	-20.6	11 14	-4.7	°		3.6	-3.4	11.9	
11 01	+11.5	-20.8	11 08	+11.3	-20.5	11 29	-4.6	0 +0.2		3.8	-3.5	12.6	m
11 15	+11.6	-20.7	11 23	+11.4	-20.4	11 45	-4.5	41 +0.1		4.0	-3.6	13.3	20 - 7.9
11 30	+11.7	-20.6	11 38	+11.5	-20.3	12 01	-4.4	76		4.3	-3.7	14.1	22 - 8.3
11 46	+11.8	-20.5	11 54	+11.6	-20.2	12 18	-4.3	MARS		4.5	-3.8	14.9	24 - 8.6
12 02	+11.9	-20.4	12 10	+11.7	-20.1	12 35	-4.2	Jan. 1-Dec. 31		4.7	-3.9	15.7	26 - 9.0
12 19	+12.0	-20.3	12 28	+11.8	-20.0	12 54	-4.1	°		5.0	-4.0	16.5	28 - 9.3
12 37	+12.1	-20.2	12 46	+11.9	-19.9	13 13	-4.0	0 +0.1		5.2	-4.1	17.4	30 - 9.6
12 55	+12.2	-20.1	13 05	+12.0	-19.8	13 33	-3.9	60		5.5	-4.2	18.3	
13 14	+12.3	-20.0	13 24	+12.1	-19.7	13 54	-3.8			5.8	-4.3	19.1	32 - 10.0
13 35	+12.4	-19.9	13 45	+12.2	-19.6	14 16	-3.7			6.1	-4.4	20.1	34 - 10.3
13 56	+12.5	-19.8	14 07	+12.3	-19.5	14 40	-3.6			6.3	-4.5	21.0	36 - 10.6
14 18	+12.6	-19.7	14 30	+12.4	-19.4	15 04	-3.5			6.6	-4.6	22.0	38 - 10.8
14 42	+12.7	-19.6	14 54	+12.5	-19.3	15 30	-3.4			6.9	-4.7	22.9	40 - 11.1
15 06	+12.8	-19.5	15 19	+12.6	-19.2	15 57	-3.3			7.2	-4.8	23.9	
15 32	+12.9	-19.4	15 46	+12.7	-19.1	16 26	-3.2			7.5	-4.9	24.9	42 - 11.4
15 59	+13.0	-19.3	16 14	+12.8	-19.0	16 56	-3.1			7.9	-5.0	26.0	44 - 11.7
16 28	+13.1	-19.2	16 44	+12.9	-18.9	17 28	-3.0			8.2	-5.1	27.1	46 - 11.9
16 59	+13.2	-19.1	17 15	+13.0	-18.8	18 02	-2.9			8.5	-5.2	28.1	48 - 12.2
17 32	+13.3	-19.0	17 48	+13.1	-18.7	18 38	-2.8			8.8	-5.3	29.2	ft.
18 06	+13.4	-18.9	18 24	+13.2	-18.6	19 17	-2.7			9.2	-5.4	30.4	
18 42	+13.5	-18.8	19 01	+13.3	-18.5	19 58	-2.6			9.5	-5.4	31.5	2 - 1.4
19 21	+13.6	-18.7	19 42	+13.4	-18.4	20 42	-2.5			9.9	-5.5	32.7	4 - 1.9
20 03	+13.7	-18.6	20 25	+13.5	-18.3	21 28	-2.4			10.3	-5.6	33.9	6 - 2.4
20 48	+13.8	-18.5	21 11	+13.6	-18.2	22 19	-2.3			10.6	-5.7	35.1	8 - 2.7
21 35	+13.9	-18.4	22 00	+13.7	-18.1	23 13	-2.2			11.0	-5.8	36.3	10 - 3.1
22 26	+14.0	-18.3	22 54	+13.8	-18.0	24 11	-2.1			11.4	-5.9	37.6	See table ←
23 22	+14.1	-18.2	23 51	+13.9	-17.9	25 14	-2.0			11.8	-6.0	38.9	
24 21	+14.2	-18.1	24 53	+14.0	-17.8	26 22	-1.9			12.2	-6.1	40.1	ft.
25 26	+14.3	-18.0	26 00	+14.1	-17.7	27 36	-1.8			12.6	-6.2	41.5	70 - 8.1
26 36	+14.4	-17.9	27 13	+14.2	-17.6	28 56	-1.7			13.0	-6.3	42.8	75 - 8.4
27 52	+14.5	-17.8	28 33	+14.3	-17.5	30 24	-1.6			13.4	-6.4	44.2	80 - 8.7
29 15	+14.6	-17.7	30 00	+14.4	-17.4	32 00	-1.5			13.8	-6.5	45.5	85 - 8.9
30 46	+14.7	-17.6	31 35	+14.5	-17.3	33 45	-1.4			14.2	-6.6	46.9	90 - 9.2
32 26	+14.8	-17.5	33 20	+14.6	-17.2	35 40	-1.3			14.7	-6.7	48.4	95 - 9.5
34 17	+14.9	-17.4	35 17	+14.7	-17.1	37 48	-1.2			15.1	-6.8	49.8	100 - 9.7
36 20	+15.0	-17.3	37 26	+14.8	-17.0	40 08	-1.1			15.5	-6.9	51.3	
38 36	+15.1	-17.2	39 50	+14.9	-16.9	42 44	-1.0			16.0	-7.0	52.8	105 - 9.9
41 08	+15.2	-17.1	42 31	+15.0	-16.8	45 36	-0.9			16.5	-7.1	54.3	110 - 10.2
43 59	+15.3	-17.0	45 31	+15.1	-16.7	48 47	-0.8			16.9	-7.2	55.8	115 - 10.4
47 10	+15.4	-16.9	48 55	+15.2	-16.6	52 18	-0.7			17.4	-7.3	57.4	120 - 10.6
50 46	+15.5	-16.8	52 44	+15.3	-16.5	56 11	-0.6			17.9	-7.4	58.9	125 - 10.8
54 49	+15.6	-16.7	57 02	+15.4	-16.4	60 28	-0.5			18.4	-7.5	60.5	130 - 11.1
59 23	+15.7	-16.6	61 51	+15.5	-16.3	65 08	-0.4			18.8	-7.6	62.1	
64 30	+15.8	-16.5	67 17	+15.6	-16.2	70 11	-0.3			19.3	-7.7	63.8	135 - 11.3
70 12	+15.9	-16.4	73 16	+15.7	-16.1	75 34	-0.2			19.8	-7.8	65.4	140 - 11.5
76 26	+16.0	-16.3	79 43	+15.8	-16.0	81 13	-0.1			20.4	-7.9	67.1	145 - 11.7
83 05	+16.1	-16.2	86 32	+15.9	-15.9	87 03	0.0			20.9	-8.0	68.8	150 - 11.9
90 00			90 00			90 00	0.0			21.4	-8.1	70.5	155 - 12.1

App. Alt. = Apparent altitude = Sextant altitude corrected for index error and dip.