

NOVA SCOTIA (8) ALMANACK.

TABLE

CONTAINING THE CORRECTIONS
FOR

DIP PARALLAX, SEMI-DIAMETER AND REFRACTION,

For taking the Sun's Altitude, in order to obtain the Latitude.

HEIGHT OF THE EYE IN FEET ABOVE THE SEA.																											
Obs. Alt.	6		8		10		12		14		16		18		20		22		24		26		28		30		
	3' 48"	3' 30"	3' 30"	3' 30"	3' 30"	3' 30"	2' 48"	2' 30"	2' 30"	2' 30"	2' 18"	2' 18"	2' 6"	1' 48"	1' 36"	1' 24"	1' 12"	1' 0"	0' 18"								
5	3' 48"	3' 30"	3' 30"	3' 30"	3' 30"	3' 30"	2' 48"	2' 30"	2' 30"	2' 30"	2' 18"	2' 18"	2' 6"	1' 48"	1' 36"	1' 24"	1' 12"	1' 0"	0' 18"								
6	5 18	4 54	4 36	4 36	4 36	4 18	4 0	3 42	3 42	3 42	3 30	3 30	3 18	3 0	2 48	2 36	2 24	2 12	2 0								
7	6 24	6 0	5 42	5 42	5 42	5 24	5 6	4 48	4 48	4 48	4 36	4 36	4 24	4 0	3 54	3 42	3 30	3 18	3 0								
8	7 12	6 48	6 30	6 30	6 30	6 12	5 54	5 42	5 42	5 42	5 30	5 30	5 18	5 0	4 48	4 36	4 24	4 12	4 0								
9	7 54	7 36	7 12	6 54	6 54	6 36	6 24	6 6	6 6	6 6	6 42	6 42	6 30	6 18	6 0	5 48	5 36	5 24	5 12								
10	8 30	8 6	7 48	7 30	7 30	7 12	6 54	6 42	6 42	6 42	6 30	6 30	6 18	6 6	5 48	5 36	5 24	5 12	5 0								
11	8 54	8 36	8 12	7 54	7 54	7 30	7 24	7 12	7 12	7 12	7 0	7 0	6 48	6 36	6 24	6 12	6 0	5 48	5 36								
12	9 18	9 0	8 42	8 30	8 30	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0								
13	9 54	9 36	9 12	8 54	8 54	8 42	8 24	8 24	8 24	8 24	8 12	8 12	8 12	8 12	8 12	8 12	8 12	8 12	8 12								
14	10 24	10 6	9 42	9 24	9 24	9 0	8 54	8 42	8 42	8 42	8 30	8 30	8 30	8 30	8 30	8 30	8 30	8 30	8 30								
15	10 48	10 24	10 6	9 48	9 48	9 30	9 18	9 18	9 18	9 18	9 6	9 6	9 6	9 6	9 6	9 6	9 6	9 6	9 6								
16	11 10	10 42	10 24	10 6	10 6	9 48	9 36	9 36	9 36	9 36	9 24	9 24	9 24	9 24	9 24	9 24	9 24	9 24	9 24								
17	11 24	11 0	10 42	10 24	10 24	10 12	10 6	10 6	10 6	10 6	10 0	10 0	10 0	10 0	10 0	10 0	10 0	10 0	10 0								
18	11 42	11 24	11 6	10 48	10 48	10 30	10 18	10 18	10 18	10 18	10 6	10 6	10 6	10 6	10 6	10 6	10 6	10 6	10 6								
19	12 0	11 42	11 24	11 6	11 6	10 48	10 36	10 36	10 36	10 36	10 24	10 24	10 24	10 24	10 24	10 24	10 24	10 24	10 24								
20	12 18	12 0	11 42	11 24	11 24	11 6	10 48	10 36	10 36	10 36	10 24	10 24	10 24	10 24	10 24	10 24	10 24	10 24	10 24								
21	12 36	12 12	12 0	11 42	11 42	11 24	11 12	11 12	11 12	11 12	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0								
22	12 54	12 30	12 12	12 0	12 0	11 42	11 30	11 30	11 30	11 30	11 18	11 18	11 18	11 18	11 18	11 18	11 18	11 18	11 18								
23	13 12	12 48	12 30	12 12	12 12	12 0	11 54	11 42	11 42	11 42	11 36	11 36	11 36	11 36	11 36	11 36	11 36	11 36	11 36								
24	13 30	13 6	12 48	12 30	12 30	12 12	12 0	11 48	11 42	11 42	11 36	11 36	11 36	11 36	11 36	11 36	11 36	11 36	11 36								
25	13 48	13 24	13 6	12 48	12 48	12 30	12 12	12 0	11 48	11 42	11 36	11 36	11 36	11 36	11 36	11 36	11 36	11 36	11 36								
26	14 6	13 42	13 24	13 6	13 6	12 48	12 30	12 18	12 12	12 12	12 6	12 6	12 6	12 6	12 6	12 6	12 6	12 6	12 6								
27	14 24	14 0	13 42	13 24	13 24	13 6	12 48	12 36	12 30	12 30	12 18	12 18	12 18	12 18	12 18	12 18	12 18	12 18	12 18								
28	14 42	14 18	14 0	13 42	13 42	13 24	13 12	13 6	13 0	13 0	12 48	12 42	12 42	12 42	12 42	12 42	12 42	12 42	12 42								
29	15 0	14 36	14 12	13 48	13 48	13 30	13 12	13 0	13 0	13 0	12 54	12 48	12 48	12 48	12 48	12 48	12 48	12 48	12 48								
30	15 18	14 54	14 30	14 12	14 12	13 48	13 36	13 24	13 18	13 18	13 6	13 0	13 0	13 0	13 0	13 0	13 0	13 0	13 0								

The arguments of this Table, are the height of the observer's eye above the sea, on the top; and the observed altitude of the sun on the left hand side. This correction is to be added to the observed altitude of the sun's lower limb, to find the true altitude. The monthly correction at the bottom, being the variation of the sun's semi-diameter is to be applied to the above correction, according to the sign of addition or subtraction.

Should the upper limb be observed in a back observation, the

correction is to be added, and that result

To correct the observer's eye, the number applying the correction to the Altitude observed

On July 24, be 79° 44' 15" observer's eye, the latitude,

Observer's Correction Do

True altitude

Zenith distance of Sun's distance

Latitude

** See page for correcting altitude.

The sun's distance from Greenwich, in taking the latitude. the sun's semi-diameter, or observed

Golden Number Epact - Solar Cycle Number of

Spring common Summer common Autumn common Winter common

February May -