



with these  
ver, it will

to M  
n, la  
bserv  
; correct

he latitude.

S. and W.

assage from  
68° 30' W.,  
chron. 1<sup>m</sup> 1<sup>s</sup>

h m s  
0 36 25

4° 49' 6  
9 01.5  
6.3

23 57.4 W.

e to the lati-  
s subtracted.  
abtraction.

N. and E.

# BUBBLE SEXTANT

## CORRECTIONS TO OBSERVED ALTITUDE OF SUN, STARS, AND MOON

### MOON

Obs. Alt.	Sun or star
0	0
6	-8
7	7
8	6
9	6
10	5
11	-5
12	5
13	4
14	4
15	3
16	-3
17	3
18	3
19	3
20	3
22	2
24	-2
26	2
28	2
30	2
32	2
34	-2
36	1
38	1
40	1
45	1
50	1
55	-1
60	1
65	1
70	-1
75	0
80	0
85	0
90	0

Obs. Alt.	Hor. parallax				Obs. Alt.	Hor. parallax			
	54'	56'	58'	60'		54'	56'	58'	60'
0	/	/	/	/	0	/	/	/	/
5.5	+45	+47	+49	+51	46	+37	+38	+40	+41
6.0	45	47	49	51	47	36	37	39	40
6.5	46	48	50	52	48	35	37	38	39
7.0	46	48	50	52	49	35	36	37	39
7.5	47	49	51	53	50	34	35	37	38
8.0	+47	+49	+51	+53	51	+33	+34	+36	+37
8.5	47	49	51	53	52	33	34	35	36
9.0	48	50	52	54	53	32	33	34	35
9.5	48	50	52	54	54	31	32	34	35
10	48	50	52	54	55	30	32	33	34
11	+48	+50	+52	+54	56	+30	+31	+32	+33
12	49	50	52	54	57	29	30	31	32
13	49	51	53	54	58	28	29	30	31
14	49	51	53	54	59	27	28	29	30
15	49	51	53	54	60	27	28	29	30
16	+49	+51	+53	+54	61	+26	+27	+28	+29
17	49	51	52	54	62	25	26	27	28
18	48	50	52	54	63	24	25	26	27
19	48	50	52	54	64	23	24	25	26
20	48	50	52	54	65	23	23	24	25
21	+48	+50	+52	+54	66	+22	+22	+23	+24
22	48	50	52	53	67	21	22	22	23
23	48	49	51	53	68	20	21	22	22
24	47	49	51	53	69	19	20	21	21
25	47	49	51	52	70	18	19	20	20
26	+47	+48	+50	+52	71	+17	+18	+19	+19
27	46	48	50	52	72	16	17	18	18
28	46	48	50	51	73	16	16	17	17
29	46	47	49	51	74	15	15	16	16
30	45	47	49	50	75	14	14	15	15
31	+45	+46	+48	+50	76	+13	+13	+14	+14
32	44	46	48	49	77	12	12	13	13
33	44	46	47	49	78	11	12	12	12
34	43	45	47	48	79	10	11	11	11
35	43	44	46	48	80	9	10	10	10
36	+42	+44	+46	+47	81	+8	+9	+9	+9
37	42	44	45	47	82	8	8	8	8
38	41	43	45	46	83	7	7	7	7
39	41	42	44	46	84	6	6	6	6
40	40	42	43	45	85	5	5	5	5
41	+40	+41	+43	+44	86	+4	+4	+4	+4
42	39	41	42	44	87	3	3	3	3
43	39	40	42	43	88	2	2	2	2
44	38	39	41	42	89	1	1	1	1
45	+37	+39	+40	+42	90	0	0	0	0

Note.—This table must not be used for altitudes measured on the horizon.

Correc-  
tions to  
Observed  
Altitudes  
of Sun  
Star or  
Planet

Table  
III

Table